

Global Change Master Directory (GCMD) Data Center Keywords

SHORT_NAME > LONG_NAME

52N > 52 North
 AAG > Association of American Geographers
 ABDN/GEOG/CMCZM > Centre for Marine and Coastal Zone Management, Department of Geography, University of Aberdeen
 ACB > Alliance for the Chesapeake Bay
 ACCDC > Atlantic Canada Conservation Data Centre
 ACCU-WEATHER
 ACME > ACME Laboratories
 ACS/ED > Education, American Chemical Society
 AECT > African Elephant Conservation Trust
 AERO-METRIC, INC. > AERO-METRIC, Inc.
 AFI > Aquarius Flight Inc.
 AGI > American Geological Institute
 AGI-UK/GIG > Gigateway, Association for Geographic Information, UK
 AGI/CRB > Cold Regions Bibliography, American Geological Institute
 AGI/CRBP > Cold Regions Bibliography Project, American Geological Institute
 AGI/ESWORLD > Earth Science World, American Geological Institute
 AK/ACRC > Alaska Climate Research Center, Alaska
 AK/ASCC > Alaska State Climate Center, Alaska
 AK/DNR/ASGDC > Alaska State Geospatial Data Clearinghouse, Department of Natural Resources, Alaska
 AKITA-U/MINING-C > Mining College, Akita University
 AL/GS > Geological Survey, Alabama
 ALBION/GEOL > Department of Geological Sciences, Albion College
 ALT-R/ASMFC > Atlantic States Marine Fisheries Commission
 ALTALIS > AltaLIS Ltd.
 AMC > Appalachian Mountain Club
 AMNH/CBC > Center for Biodiversity and Conservation, American Museum of Natural History
 AMNH/CREO > Committee on Recently Extinct Organisms (CREO), American Museum of Natural History
 AMNH/DH > Department of Herpetology, American Museum of Natural History
 AMNH/SB > Science Bulletins, American Museum of Natural History
 ANDROMEDA > Andromeda Software, Inc.
 ANS/PHYCOLOGY > Phycology Section, Academy of Natural Sciences
 ANU/CRES > Centre for Resource and Environmental Studies, Australian National University
 AOYAMA/CHEM > Chemistry Department, Aoyama Gakuin University
 AQUAMEDIA > Aquamedia
 AQUANIC > Aquaculture Network Information Center
 AR/CDA > Centro de Datos Antarticos, Argentina
 AR/CEADO > Centro Argentino de Datos Oceanograficos, Argentina
 AR/CONICET/CENPAT > Centro Nacional Patagonico (CENPAT), Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET), Argentina
 AR/CONICET/DARWINION > Instituto de Botanica Darwinion, Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET), Argentina
 AR/CREIDAS > Regional Satellite Data Center, CONAE, Argentina
 ARG > Argray
 ARQ > ARQ Internet Solutions
 ASC > Alaska Science Center, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 ASF > Alaska Satellite Facility
 AT/BEV > Federal Office of Metrology and Surveying, Austria
 ATC > Appalachian Trail Conference
 ATL/ASMFC > Atlantic States Marine Fisheries Commission
 ATLSCI > Atlantis Scientific Inc. (ASI)
 AU/AADC > Australian Antarctic Data Centre, Australia
 AU/AFF/BRIS/NRIC > National Resource Information Centre, Bureau of Rural Sciences, Agriculture, Fisheries and Forestry Department, Australia
 AU/AFFA/BRIS > Bureau of Rural Sciences, Department of Agriculture, Fisheries and Forestry, Australia
 AU/AIMS > Australian Institute of Marine Science, Australia
 AU/ASWA/IPSRS > IPS Radio and Space Sciences, Australian Space Weather Agency, Australia
 AU/BOM > Bureau of Meteorology, Australia
 AU/BOM/NSWRO > New South Wales Regional Office, Bureau of Meteorology, Australia
 AU/BOM/NTRO > Northern Territory Regional Office, Bureau of Meteorology, Australia
 AU/BOM/QRO > Queensland Regional Office, Bureau of Meteorology, Australia
 AU/BOM/SARO > South Australia Regional Office, Bureau of Meteorology, Australia
 AU/BOM/TARO > Tasmanian-Antarctica Regional Office, Bureau of Meteorology, Australia
 AU/BOM/VRO > Victoria Regional Office, Bureau of Meteorology, Australia
 AU/BOM/WARO > Western Australia Regional Office, Bureau of Meteorology, Australia
 AU/CSIRO/CLW > Land and Water, Commonwealth Scientific and Industrial Research Organization, Australia
 AU/CSIRO/CMAR > Marine and Atmospheric Research, Commonwealth Scientific and Industrial Research Organization, Australia
 AU/CSIRO/ENTO > Entomology Department, Commonwealth Scientific and Industrial Research Organization, Australia
 AU/CSIRO/PUB > Publishing, Commonwealth Scientific and Industrial Research Organization, Australia
 AU/CSIRO/TRC > Division of Forestry, Tasmanian Research Center, Commonwealth Scientific and Industrial Research Organization, Australia
 AU/DEH/ABRS > Australian Biological Resources Study, Department of Environment and Heritage, Australia
 AU/DEH/OCEANS > National Oceans Office, Department of the Environment and Heritage, Australia
 AU/GA > Geoscience Australia, Australia



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

AU/NLWRA > National Land and Water Resources Audit, Australia
 AU/NSW/WWAI > Wagga Wagga Agricultural Institute, New South Wales, Australia
 AU/NSWAG > New South Wales Agriculture, Australia
 AU/NT/PWCNT > Parks and Wildlife Commission of the Northern Territory, Northern Territory Government, Australia
 AU/QLD/DPI/ACA > Australian Coastal Atlas, Department of Primary Industries, Queensland, Australia
 AU/QLD/NWR > Natural Resources and Water, Queensland, Australia
 AU/RAN/DOM/AODC > Australian Oceanographic Data Centre, Directorate of Oceanography and Meteorology, Royal Australian Navy, Australia
 AU/RAN/HYDRO > Australian Hydrographic Service, Royal Australian Navy, Australia
 AU/RBGDT > Royal Botanical Gardens and Domain Trust, Australia
 AU/TPAC > Tasmanian Partnership for Advanced Computing, Australia
 AU/UNSW/CPE > Centre for Photovoltaic Engineering, University of New South Wales, Australia
 AUBURN/AGRON-S > Agronomy and Soils, Auburn University
 AUBURN/ENTO-PL > Entomology and Plant Pathology, Auburn University
 AUBURN/FORESTRY > School of Forestry, Auburn University
 AUDUBON/BIRD/CBC > Christmas Bird Count, Bird Conservation, Audubon Society
 AUDUBON/MA > Massachusetts Audubon Society
 AUGSBURG/PHYS > Physics Department, Augsburg College
 AUGSBURG/PHYS/MACCS > Magnetometer Array for Cusp and Cleft Studies, Physics Department, Augsburg College
 AUGUSTANA/GEOL > Department of Geology, Augustana College
 AVISO > Archiving, Validation and Interpretation of Satellite Oceanographic Data
 AVO/KVERT > Kamchatka Volcanic Eruptions Response Team, Alaskan Volcano Observatory
 AVSY > Avian Systems, Inc.
 AWI > Alfred Wegener Institute for Polar and Marine Research
 AWIS > Agricultural Weather Information Service, Inc.
 AWS > AWS Convergence Technologies, Inc.
 AWST > AWS Truewind
 AXYS > AXYS Environmental Consulting Ltd.
 AZ-STATE/CLAS/GEOSCI/ATRG > Active Tectonics Research Group, Department of Geological Sciences, College of Liberal Arts and Sciences, Arizona State University
 AZ-STATE/CLAS/GEOSCI/GEOPHYS > Geophysics Group, Department of Geological Sciences, College of Liberal Arts and Sciences, Arizona State University
 AZ-STATE/SOLS/BIO > Biology Department, School of Life Sciences, Arizona State University
 AZ-STATE/SOLS/PL-BIO > Department of Plant Biology, School of Life Sciences, Arizona State University
 AZ/GS > Geological Survey, Arizona
 BASC > Barrow Arctic Science Consortium
 BASF/ARS > Agricultural Research Station, BASF Aktiengesellschaft
 BASIC > Bay Area Shared Information Consortium
 BASS2000 > Base de donnees Solaire Sol 2000
 BAYLOR/CAGSR > Center for Applied Geographic and Spatial Research, Baylor University
 BB > BiologyBase
 BBG > Brooklyn Botanic Garden
 BBN > BBN Technologies
 BBSR > Bermuda Biological Station for Research
 BCI > Bat Conservation International
 BDS > British Dragonfly Society
 BDT > Base de Datos Tropical
 BE/BIANZO > Biodiversity of Antarctic Zoobenthos, Belgium
 BE/BIRA/IAS > Institut d'Aeronomie Spatiale, Belgisch Instituut voor Ruimte-Aeronomie, Belgium
 BE/RBINS/DOI > Department of Invertebrates, Royal Belgian Institute of Natural Sciences, Belgium
 BE/RBINS/MUMM > Management Unit of the Mathematical Model of the North Sea, Royal Belgian Institute of Natural Sciences, Belgium
 BE/RMIB > Royal Meteorologic Institute, Belgium
 BE/VLIZ > Flanders Marine Institute, Belgium
 BENEFIT/SADC-MFEMD > SADC Marine Fisheries and Environmental Metadata Directory, Benguela Environment Fisheries Interaction and Training
 BGR > German Federal Institute for Geosciences and Natural Resources
 BGS > British Geological Survey
 BGSU/GEOL > Department of Geology, Bowling Green State University
 BIFWMS > Bowen Island Forest and Water Management Society
 BIGELOW > Bigelow Laboratory of Ocean Sciences
 BIOSIS > BIOSIS
 BLI > Birdlife International
 BP > BP p.l.c.
 BPES > BP Educationa Service
 BPS > Backhuys Publishers B.V.
 BR/INPE/DPI > Division of Image Processing, National Institute for Space Research, Brazil
 BR/INPE/MST > Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/INPE/MST/DAE/FISAT > Upper Atmosphere Research, Aeronomy Division, Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/INPE/MST/DAS > Astrophysics Division, Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/INPE/MST/DGI > Image Generation Division, Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/INPE/MST/DSA > Division of Environmental Satellites Ops, Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/INPE/MST/DSR > Division of Remote Sensing, Ministry of Science and Technology, National Institute for Space Research, Brazil
 BR/MST/INPE/CPTEC > Center for Weather Forecast and Climatic Analysis, National Institute for Space Research, Ministry of Science and Technology, Brazil
 BROWN/GEO > Department of Geological Sciences, Brown University
 BSBI > Botanical Society of the British Isles
 BSC > Bird Studies Canada
 BSSBM/S-V > Springer-Verlag, BertelsmannSpringer Science+Business Media
 BTFS > Belize Tropical Forest Studies



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Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

BU/ES > Department of Earth Sciences, Boston University
 BYU/CRS/SCP > Scatterometer Climate Record Pathfinder Program, Center for Remote Sensing, Brigham Young University
 CA/AB/ASRD > Alberta Sustainable Resource Development, Alberta Government, Canada
 CA/AB/CD/ANHIC > Alberta Natural Heritage Information Centre, Community Development, Alberta Government, Canada
 CA/ACZISC SECRETARIAT > Atlantic Coastal Zone Information Steering Committee Secretariat, Canada
 CA/AGR/CANSIS > Canadian Soil Information System, Agriculture and Agri-Food, Canada
 CA/AGR/CFIA > Canadian Food Inspection Agency, Agriculture and Agri-Food, Canada
 CA/AGR/CLBRR > Centre for Land and Biological Resources Research, Agriculture and Agri-Food, Canada
 CA/AGR/ECORC > Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food, Canada
 CA/AGR/ECORC/SWAPSS > Soil, Water, Air and Production Systems Section, Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food, Canada
 CA/AGR/PFRA > Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food, Canada
 CA/BC/MEM/GS > Geological Survey, Ministry of Energy and Mines, British Columbia, Canada
 CA/BC/SRM > Ministry of Sustainable Resource Management, British Columbia, Canada
 CA/BC/SRM/CDC > Conservation Data Centre, Ministry of Sustainable Resource Management, British Columbia, Canada
 CA/BC/SRM/RMD/LISD > Land Information Services Division, Resource Management Division, Ministry of Sustainable Resource Management, British Columbia, Canada
 CA/BC/TRITON > Triton Consultants Ltd., British Columbia, Canada
 CA/CCIN > Canadian Cryospheric Information Network, Canada
 CA/CIFFC > Canadian Interagency Forest Fire Centre, Canada
 CA/CIM-NET > Community Information Management Network, Canada
 CA/COMERN > Collaborative Mercury Research Network, Canada
 CA/CSA/ST/SP > Spacecraft Payloads, Space Technologies, Canadian Space Agency, Canada
 CA/CWF > Canadian Wildlife Federation, Canada
 CA/DCH > Department of Canadian Heritage, Canada
 CA/DFA > Department of Food and Agriculture, California
 CA/DFG > Department of Fish and Game, California
 CA/DFG/HCPB > Habitat Conservation Planning Branch, Department of Fish and Game, California
 CA/DFG/WHDAB > Wildlife and Habitat Data Analysis Branch, Department of Fish and Game, California
 CA/DFO > Fisheries and Oceans, Canada
 CA/DFO/BIO > Bedford Institute of Oceanography, Fisheries and Oceans, Canada
 CA/DFO/CHS > Canadian Hydrographic Service, Fisheries and Oceans, Canada
 CA/DFO/IML > Maurice-Lamontagne Institute, Fisheries and Oceans, Canada
 CA/DFO/MEDS > Marine Environmental Data Service, Fisheries and Oceans, Canada
 CA/DFO/MR/ACO > Aquaculture Coordination Office, Maritimes Region, Fisheries and Oceans, Canada
 CA/DFO/MR/PM > Phytoplankton Monitoring, Maritimes Region, Fisheries and Oceans, Canada
 CA/DFO/MR/SABS > St. Andrews Biological Station, Maritimes Region, Fisheries and Oceans, Canada
 CA/DFO/MR/SB > Science Branch, Maritimes Region, Fisheries and Oceans, Canada
 CA/DFO/MR/SB/OSD > Ocean Science Division, Science Branch, Maritimes Region, Fisheries and Oceans, Canada
 CA/DFO/PR/SB > Science Branch, Pacific Region, Fisheries and Oceans, Canada
 CA/DFO/PR/SB/IOS > Institute of Ocean Sciences, Science Branch, Pacific Region, Fisheries and Oceans, Canada
 CA/DFO/PR/SB/OSAP > Ocean Sciences and Productivity Division, Science Branch, Pacific Region, Fisheries and Oceans, Canada
 CA/DFO/QU > Quebec Region, Fisheries and Oceans, Canada
 CA/DFO/STATS > Statistical Services, Department of Fisheries and Oceans, Canada
 CA/DFO/STLAWRENCE > St. Lawrence Observatory, Fisheries and Oceans, Canada
 CA/DFRP > Department of Forestry and Fire Protection, California
 CA/DND/CF > Canadian Forces, Department of National Defense, Canada
 CA/DOC/DLRP > Division of Land Resource Protection, Dept of Conservation, California
 CA/DOC/SMGB > State Mining & Geology Board, Dept of Conservation, California
 CA/DOT/DEA/AQ > Air Quality, Division of Environmental Analysis, Department of Transportation, California
 CA/DWR > Department of Water Resources, California
 CA/EC > Environment Canada
 CA/EC/ACAP > Atlantic Coastal Action Program, Environment Canada
 CA/EC/ATL > Atlantic Region, Environment Canada
 CA/EC/CCIW > Canada Centre for Inland Waters, Environment Canada
 CA/EC/CIS > Canadian Ice Service, Environment Canada
 CA/EC/CWS > Canadian Wildlife Service, Environment Canada
 CA/EC/CWS/ATL > Atlantic Region, Canadian Wildlife Service, Environment Canada
 CA/EC/CWS/NWRC > National Wildlife Research Centre, Canadian Wildlife Service, Environment Canada
 CA/EC/ECB > Environmental Conservation Branch, Environment Canada
 CA/EC/EMAN > Ecological Monitoring and Assessment Network, Environment Canada
 CA/EC/EPB/ATL > Atlantic Region, Environmental Protection Branch, Environment Canada
 CA/EC/EPB/TPD/WPS > Water Pollution Section, Toxics Prevention Division, Environmental Protection Branch, Environment Canada
 CA/EC/EPS/PDB/NPRI > National Pollutant Release Inventory, Pollution Data Branch, Environmental Protection Service, Environment Canada
 CA/EC/ETC/AAQD > Analysis and Air Quality Division, Environmental Technology Centre, Environment Canada
 CA/EC/MSD > Meteorological Service of Canada, Environment Canada
 CA/EC/MSD/AMSWD > Atmospheric Monitoring and Water Survey Directorate, Meteorological Service of Canada, Environment Canada
 CA/EC/MSD/CCRM > Climate Monitoring and Data Interpretation Division, Meteorological Service of Canada, Environment Canada
 CA/EC/MSD/CMC > Canadian Meteorological Centre, Meteorological Service of Canada, Environment Canada
 CA/EC/MSD/CRB/CCMA > Canadian Centre for Climate Modelling and Analysis, Climate Research Branch, Meteorological Service of Canada, Environment Canada
 CA/EC/MSD/CRYSYS > CRYosphere SYStem in Canada, Meteorological Service of Canada, Environment Canada
 CA/EC/PYR > Pacific and Yukon Region, Environment Canada
 CA/EC/PYR/WSC > Water Survey of Canada, Pacific and Yukon Region, Environment Canada
 CA/EC/WATER > National Water Issues Branch, Environment Canada
 CA/EC/WSC > Water Survey of Canada, Environment Canada



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CA/ELECT-CAN > Elections Canada
 CA/EPA/ARB > Air Resources Board, EPA, California
 CA/EPA/OEHHA > Office of Environmental Health Hazard Assessments, Environmental Protection Agency, California
 CA/IDRC > International Development Research Centre, Canada
 CA/INAC > Indian and Northern Affairs, Canada
 CA/INAC/NAP/MPR/GD > Mining Geology Division, Mineral and Petroleum Resources, Northern Affairs Program, Indian and Northern Affairs, Canada
 CA/INAC/NAP/MRD/MID > Mining Inspection Division, Mineral Resources Directorate, Northern Affairs Program, Indian and Northern Affairs, Canada
 CA/INAC/NOG > Northern Oil and Gas Directorate, Indian and Northern Affairs, Canada
 CA/INAC/WRD > Water Resources Division, Indian and Northern Affairs, Canada
 CA/LAC > Library and Archives, Canada
 CA/LAC/VSA > Visual and Sound Archives Division, Library and Archives, Canada
 CA/MB/AGRI/ITS > Information Technology Services, Manitoba Agriculture, Food, and Rural Initiatives, Canada
 CA/MB/MC > Manitoba Conservation, Canada
 CA/MB/MC/GEO > Geomatics and Remote Sensing, Manitoba Conservation, Canada
 CA/MB/MC/GEO/GEONAMES > Geographical Names Program, Geomatics and Remote Sensing, Manitoba Conservation, Canada
 CA/MB/MC/GEO/MLI > Manitoba Land Initiative, Geomatics and Remote Sensing, Manitoba Conservation, Canada
 CA/MB/MC/GEO/MRSC > Manitoba Remote Sensing Centre, Geomatics and Remote Sensing, Manitoba Conservation, Canada
 CA/MB/MTGS/PDB > Planning and Design Branch, Manitoba Transportation and Government Services, Manitoba, Canada
 CA/MB/WATER > Manitoba Water Stewardship, Canada
 CA/MDEP > Mojave Desert Ecosystem Program, California
 CA/MN > Canadian Museum of Nature, Canada
 CA/NAV/AERO > NAV CANADA, Aeronautical Publications
 CA/NB/DE > Department of Environment, New Brunswick, Canada
 CA/NB/DNR > Department of Natural Resources, New Brunswick, Canada
 CA/NB/ELG > Environment and Local Government, New Brunswick, Canada
 CA/NB/SNB > Service New Brunswick, New Brunswick, Canada
 CA/NB/SNB/RMS > Registry and Mapping Services, Service New Brunswick, New Brunswick, Canada
 CA/NEB > National Energy Board, Canada
 CA/NFLD/DME > Department of Mines and Energy, Newfoundland and Labrador, Canada
 CA/NFLD/DME/GS > Geological Survey, Department of Mines and Energy, Newfoundland and Labrador, Canada
 CA/NFLD/DME/PRDD > Petroleum Resources Development Division, Department of Mines and Energy, Newfoundland and Labrador, Canada
 CA/NFLD/ENV/SMD > Surveys and Mapping Division, Department of Environment and Conservation, Newfoundland and Labrador, Canada
 CA/NFLD/ENV/WRM > Water Resources Management, Environment and Conservation, Newfoundland and Labrador, Canada
 CA/NFLD/FISHAQ > Fisheries and Aquaculture, Newfoundland and Labrador, Canada
 CA/NFLD/FRA > Forest Resources and Agrifoods, Newfoundland and Labrador, Canada
 CA/NFLD/FRA/FB > Forestry Branch, Forest Resources and Agrifoods, Newfoundland and Labrador, Canada
 CA/NFLD/FRA/SOIL > Soil and Land Management, Forest Resources and Agrifoods, Newfoundland and Labrador, Canada
 CA/NFLD/GSL > Government Services and Lands, Newfoundland and Labrador, Canada
 CA/NFLD/INTRD > Department of Industry, Trade and Rural Development, Government of Newfoundland and Labrador, Canada
 CA/NFLD/MTPEARL > Planning Department, City of Mount Pearl, Newfoundland and Labrador, Canada
 CA/NFLD/PARKSDIV > Parks and Natural Areas, Newfoundland and Labrador, Canada
 CA/NFLD/STJOHNS > City of St. John's, Newfoundland and Labrador, Canada
 CA/NFLD/TCR/PAO > Provincial Archaeology Office, Tourism, Culture and Recreation, Newfoundland and Labrador, Canada
 CA/NRC/DRAO > Dominion Radio Astrophysical Observatory, National Research Council, Canada
 CA/NRC/IOT > Institute for Ocean Technology, National Research Council, Canada
 CA/NRCAN/AMD > Analysis and Modelling Division, Natural Resources Canada
 CA/NRCAN/CFS > Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CFS/AFC > Atlantic Forestry Centre, Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CFS/GLFC > Great Lakes Forestry Centre, Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CFS/LFC > Laurentian Forestry Centre, Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CFS/NOFC > Northern Forestry Centre, Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CFS/PFC > Pacific Forestry Centre, Canadian Forest Service, Natural Resources Canada
 CA/NRCAN/CLI > Canada Land Inventory, Natural Resources Canada
 CA/NRCAN/CTI > Centre for Topographic Information, Natural Resources Canada
 CA/NRCAN/CTIS > Centre for Topographic Information Sherbrooke, Natural Resources Canada
 CA/NRCAN/ESS > Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/ADAPTATION > Climate Change Impacts and Adaptation Directorate, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC > Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/ATS > Aeronautical and Technical Services, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/CCRS > Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/CCRS/EMS > Environmental Monitoring Section, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/CCRS/GCDP > GeoConnections Discovery Portal, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/CCRS/GEO > GeoAccess Division, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/CCRS/GEO/ATLAS > Atlas of Canada, GeoAccess Division, Canada Centre for Remote Sensing, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/GSD > Geodetic Survey Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/LSD/ > Legal Surveys Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/LSD/RG > Records Group, Legal Surveys Division, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GC/MSB > Mapping Services Branch, Geomatics Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GSC > Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GSC/ATL > Geological Survey of Canada-Atlantic, Earth Sciences Sector, Natural Resources Canada
 CA/NRCAN/ESS/GSC/BOOK > Bookstore, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada



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CA/NRCAN/ESS/GSC/CAL > Geological Survey of Canada-Calgary, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/CAL/SMGB > Sedimentary and Marine Geoscience Branch, Geological Survey of Canada-Calgary, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/CGD > Continental Geosciences Division, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/EQ > Earthquakes, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/GDC > Geophysical Data Centre, Geological Survey of Canada, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/NUN > Geological Survey of Canada-Nunavut Geoscience Office, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/PAC > Geological Survey of Canada - Pacific, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/QUE > Geological Survey of Canada-Quebec, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/GSC/STS > Terrain Sciences Division, Geological Survey of Canada-Atlantic, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/ESS/NAPL > National Air Photo Library, Earth Sciences Sector, Natural Resources Canada
CA/NRCAN/MMS > Minerals and Metals Sector, Natural Resources Canada
CA/NRCAN/MMS/MMSD > Minerals and Mining Statistics Division, Minerals and Metals Sector, Natural Resources Canada
CA/NRCAN/OEE > Office of Energy Efficiency, Natural Resources Canada
CA/NRCAN/RETSCREEN > RETScreen International Renewable Energy Decision Support Centre, Natural Resources Canada
CA/NS/AF/ASB > Agriculture Services Branch, Agriculture and Fisheries, Nova Scotia, Canada
CA/NS/AF/FAS/AD > Aquaculture Division, Fisheries and Aquaculture Services, Agriculture and Fisheries, Nova Scotia, Canada
CA/NS/AF/FAS/IF > Inland Fisheries, Fisheries and Aquaculture Services, Agriculture and Fisheries, Nova Scotia, Canada
CA/NS/AF/IDBSB/MSD > Marketing Services Division, Industry Development and Business Services Branch, Agriculture and Fisheries, Nova Scotia, Canada
CA/NS/EL/ROD/EMC > Environmental Monitoring and Compliance, Regional Offices Division, Environment and Labour, Nova Scotia, Canada
CA/NS/EL/ROD/PA > Protected Areas, Environment and Labour, Nova Scotia, Canada
CA/NS/MNH > Museum of Natural History, Nova Scotia, Canada
CA/NS/MRB > Mineral Resources Branch, Nova Scotia Department of Natural Resources, Canada
CA/NS/NATR/LSB/SD/GIS > GIS and Cartography Section, Surveys Division, Land Services Branch, Natural Resources, Nova Scotia, Canada
CA/NS/NATR/RRB/FD > Forestry Division, Renewable Resources Branch, Natural Resources, Nova Scotia, Canada
CA/NS/NATR/RRB/WD > Wildlife Division, Renewable Resources Branch, Natural Resources, Nova Scotia, Canada
CA/NS/SNSMR/RIMS/NSGC > Nova Scotia Geomatics Centre, Registry and Information Management Services, Service Nova Scotia and Municipal Relations, Nova Scotia, Canada
CA/NS/SRC > Sport and Recreation Commission, Nova Scotia, Canada
CA/NS/TPW/PD > Planning Division, Transportation and Public Works, Nova Scotia, Canada
CA/NWT/NTGO > Northwest Territories Geoscience Office, Government of Northwest Territories, Canada
CA/ON/ENE/EMRB > Environmental Monitoring and Reporting Branch, Ministry of the Environment, Ontario, Canada
CA/ON/MNR > Ministry of Natural Resources, Ontario, Canada
CA/ON/MNR/NHIC > Ontario Natural Heritage Information Centre, Ministry of Natural Resources, Ontario, Canada
CA/ON/OTTAWA > City of Ottawa, Ontario, Canada
CA/ON/OTTAWA/ITB > Information Technology Branch, Ottawa, Ontario, Canada
CA/ON/YORK/GEOMATICS > Geomatics Branch, York Region, Ontario, Canada
CA/PARKS > Parks Canada
CA/PEI/AF > Agriculture, Fisheries, Aquaculture, and Forestry, Prince Edward Island, Canada
CA/PEI/EEF > Department of Environment, Energy and Forestry, Prince Edward Island, Canada
CA/RA/CERES > California Environmental Resources Evaluation System, Resources Agency, California
CA/RA/CERES/CASIL > California Spatial Information Library, California Environmental Resources Evaluation System, Resources Agency, California
CA/RA/CLP > California Legacy Project, Resources Agency, California
CA/RA/TC > Tahoe Conservancy, Resources Agency, California
CA/SCCWRP > Southern California Coastal Water Research Project, California
CA/SK/SE/CORP/IMB > Information Management Branch, Corporate, Saskatchewan Environment, Canada
CA/SK/SE/EPB > Environmental Protection Branch, Saskatchewan Environment, Canada
CA/SK/SE/FEB > Forest Ecosystems Branch, Saskatchewan Environment, Saskatchewan, Canada
CA/SK/SE/FWB/SCDC > Saskatchewan Conservation Data Centre, Fish & Wildlife Branch, Saskatchewan Environment, Canada
CA/SSA > Salton Sea Authority, California
CA/STATSCAN/AG > Agriculture Division, Statistics Canada
CA/STATSCAN/AG/SAGA > Spatial Analysis and Geomatics Applications, Agriculture Division, Statistics Canada
CA/STATSCAN/AS/AB > Northern Alberta Region and Northwest Territories, Advisory Services, Statistics Canada
CA/STATSCAN/AS/ATL > Atlantic Region, Advisory Services, Statistics Canada
CA/STATSCAN/AS/MB > Manitoba Region, Advisory Services, Statistics Canada
CA/STATSCAN/AS/ON > Ontario Region, Advisory Services, Statistics Canada
CA/STATSCAN/AS/PAC-YUK > Pacific Region and Yukon Territory, Advisory Services, Statistics Canada
CA/STATSCAN/AS/QU > Quebec Region, Advisory Services, Statistics Canada
CA/STATSCAN/AS/SK > Saskatchewan Region, Advisory Services, Statistics Canada
CA/STATSCAN/GEOG > Geography Division, Statistics Canada
CA/STATSCAN/REF/CAP-RGN > National Capital Region, Statistical Reference Centre, Statistics Canada
CABI/BIO > CABI Bioscience, CAB International
CALCOFI > California Cooperative Oceanic Fisheries Investigation
CALFLORA > Calflora
CALSTATE-HAYWARD/GEOL > Department of Geological Sciences, California State University, Hayward
CALSTATE-LA/VC > Virtual Courseware, California State University, Los Angeles
CALSTATE-LB/GEOG/SCWHC > Southern California Wildfire Hazard Center, Geography Department, California State University, Long Beach
CALSTATE-LB/GEOL > Department of Geological Sciences, California State University, Long Beach
CALTECH/GPS > Division of Geological and Planetary Sciences, California Institute of Technology
CALTECH/SCEDC > Southern California Earthquake Data Center, California Institute of Technology
CALTECH/SRL/ACE > Advanced Composition Explorer, Space Radiation Laboratory, California Institute of Technology
CAMPBELL-SCI > Campbell Scientific, Inc.
CAMPTOCAMP-GIS-IT > Camptocamp GIS and IT Engineering
CAN/BC-HYDRO > BC Hydro, Canada
CANADAX > Canadax Industrial Group Limited



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Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

CARBONPROJECT > Carbon Project
 CARIS > Computer Aided Resource Information System
 CARLETON/SERC > Science Education Resource Center, Carleton College
 CARO-COOPS > Carolinas Coastal Ocean Observing and Prediction System
 CATHALAC > Centro del Agua del Tropico Humedo para America Latina y el Caribe
 CBF > Chesapeake Bay Foundation
 CBL > Collins Bartholomew Ltd.
 CBOS > Chesapeake Bay Observing System
 CBP > Chesapeake Bay Program
 CCNOW > CCNow Incorporated
 CCORS > Center for Climate/Ocean Resources Study
 CCSP > US Climate Change Science Program
 CCSP/GCRIO > US Global Change Research Information Office, Climate Change Science Program
 CD > Convective Development
 CDS > Communications Data Services, Inc.
 CEDARE > Centre for Environment and Development for the Arab Region and Europe
 CEP/CAMPAM > CARIBBEAN MARINE PROTECTED AREAS MANAGER DATABASE, CARIBBEAN ENVIRONMENT PROGRAM
 CERC-UK > Cambridge Environmental Research Consultants, UK
 CERC-US > Cambridge Environmental Research Consultants, US
 CEREGE > Centre Europeen de Recherche et d'Enseignement des Geosciences de l'Environnement (CEREGE)
 CGIAR/ASB > ALTERNATE SLASH AND BURN, CONSULTATIVE GROUP ON INTERNATIONAL AGRICULTURAL RESEARCH
 CGIAR/ASTI > Agricultural Science and Technology Indicators, Consultative Group on International Agricultural Research
 CGIAR/CIAT > Centro Internacional de Agricultura Tropical, Consultative Group on International Agricultural Research
 CGIAR/CIFOR > Center for International Forestry Research, Consultative Group on International Agricultural Research
 CGIAR/CSI > Consortium for Spatial Information, Consultative Group on International Agricultural Research
 CGIAR/ICARDA > International Center for Agricultural Research in the Dry Areas, Consultative Group on International Agricultural Research
 CGIAR/ICRAF/WAC > World Agroforestry Centre, International Centre for Research in Agroforestry, Consultative Group on International Agricultural Research
 CGIAR/ICRISAT > The International Crops Research Institute for the Semi-Arid Tropics, Consultative Group on International Agricultural Research
 CGIAR/IPGRI > International Plant Genetic Resources Institute, Consultative Group on International Agricultural Research
 CGIAR/IWMI > International Water Management Institute, Consultative Group on International Agricultural Research
 CGIAR/SGRP > System-wide Genetic Resources Programme, Consultative Group on International Agricultural Research
 CH/EMPA > Swiss Federal Laboratories for Materials Testing and Research, Switzerland
 CH/SSS > Swiss Seismological Service, Switzerland
 CHA > Canadian Healthcare Association
 CHANGING PLANET > CHANGING PLANET
 CHEVRON > Chevron Corp.
 CHRISTINE_GIS > Christine GIS Systems
 CHRONOS > CHRONOS
 CIA > Central Intelligence Agency
 CICT/LB > Laboratoire de Bacteriologie, Centre Interuniversitaire de Calcul de Toulouse
 CIESIN > Center for International Earth Science Information Network
 CIESIN/CIKARD > Center for Indigenous Knowledge for Agriculture and Rural Development, Center for International Earth Science Information Network
 CIMMYT > International Maize and Wheat Improvement Center
 CINECA > Interuniversity Consortium - Italy
 CIP > International Potato Center
 CIW/GL > Geophysical Laboratory, Carnegie Institution of Washington
 CL/CENDHOC > Centro Nacional de Datos Hidrograficos y Oceanograficos de Chile, Chile
 CL/INACH/CENDA > Centro Nacional de Datos Antarticos, Instituto Antartico Chileno, Chile
 CLARKSON/CEE > Department of Civil and Environmental Engineering, Clarkson University
 CLEMSON/AGBIOENG > Agricultural and Biological Engineering Department, Clemson University
 CLEMSON/AGWX > Agricultural Weather Office, Clemson University
 CLEMSON/BFSI > Baruch Forest Science Institute, Clemson University
 CLEMSON/HORT > Horticulture Department, Clemson University
 CLEMSON/PDREC > Pee Dee Research and Education Center, Clemson University
 CLIMATE-CHARTS > Climate-Charts.com
 CLIVAR VACS > Variability of the African Climate System, CLIVAR
 CMB > Centre for Marine Biodiversity, Canada
 CMI > Cycloview Media Inc.
 CMRN > Clary-Meuser Research Network
 CMU/GEOG > Geography Department, Central Michigan University
 CN/CAS/CRSGS > China Remote Sensing Satellite Ground Station, Chinese Academy of Sciences, China
 CN/CASMBM > Marine Biological Museum of Chinese Academy of Sciences, China
 CN/CERN > Chinese Ecosystem Research Network, China
 CN/MA/CAAS > Chinese Academy of Agricultural Science, Ministry of Agriculture, China
 CN/MAG/CAFS/YSFRI > Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences, Ministry of Agriculture, China
 CN/MST/ISTIC > Institute of Scientific and Technical Information of China, Ministry of Science and Technology, China
 CN/NADC > National Antarctic and Arctic Data Center, China
 CO-C/GEOL > Geology Department, Colorado College
 CO/CCC > Colorado Climate Center, Colorado
 CO/FNCC/CENICAFE > Federacion Nacional de Cafeteros de Colombia, Centro Nacional de Investigaciones del Cafe
 CO/ICN/UNAL > Instituto de Ciencias Naturales, Universidad Nacional de Colombia
 CO/MINAMBIENTE/INVEMAR > Instituto de Investigaciones Marinas y Costeras, 'Jose Benito Vives de Andreis', Ministerio de Ambiente, Vivienda Y Desarrollo Territorial
 COA/GISLAB > Geographic Information Systems Laboratory, College of the Atlantic
 COD/NGWL > Next Generation Weather Lab, College of DuPage



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

CODEHAUS > CODEHAUS

COLGATE/GEOL > Geology Department, Colgate University
 COLOSTATE/ATMOS/COCORAHNS > Community Collaborative Rain, Hail and Snow Network, Department of Atmospheric Sciences, Colorado State University
 COLOSTATE/CAS/DSCS > Department of Soil and Crop Sciences, College of Agricultural Sciences, Colorado State University
 COLOSTATE/CIRA/CPC > CloudSat Data Processing Center, Cooperative Institute for Research in the Atmosphere, Colorado State University
 COLOSTATE/CIRA/RRM > Regional and Mesoscale Meteorology, Cooperative Institute for Research in the Atmosphere, Colorado State University
 COLOSTATE/CNR > College of Natural Resources, Colorado State University
 COLOSTATE/CNR/DG > Department of Geosciences, College of Natural Resources, Colorado State University
 COLOSTATE/CRDC > Climate Rainfall Data Center, Colorado State University
 COLOSTATE/CSMATE > Center for Science, Mathematics, and Technology Education, Colorado State University
 COLOSTATE/NREL > Natural Resource Ecology Laboratory, Colorado State University
 COLUMBIA/DBI > Department of Biomedical Informatics, Columbia University
 COLUMBIA/EPIC > Electronic Publishing Initiative at Columbia, Columbia University
 COLUMBIA/LDEO > Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/CHRR > Center for Hazards and Risk Research, Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/EECS > Department of Earth and Environmental Sciences, Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/IRI/CDL > Climate Data Library, International Research Institute for Climate Prediction, Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/IRI/TRL > Tree-Ring Laboratory, International Research Institute for Climate Prediction, Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/MGDS > Marine Geoscience Data System, Lamont-Doherty Earth Observatory, Columbia University
 COLUMBIA/LDEO/SEDDB > Sedimentary Geochemical Database, Lamont-Doherty Earth Observatory, Columbia University
 COMTF > California Oak Mortality Task Force
 CORAL > Coral Reef Alliance
 CORNELL/ARM/CHLA > Albert R Mann Library, The Core Historical Literature of Agriculture (CHLA), Cornell University
 CORNELL/BIO/EEB > Ecology and Evolutionary Biology, Department of Biology, Cornell University
 CORNELL/CALS/DE > DEPARTMENT OF ENTOMOLOGY, COLLEGE OF AGRICULTURAL AND LIFE SCIENCES, CORNELL UNIVERSITY
 CORNELL/CSS > Department of Crop and Soil Sciences, Cornell University
 CORNELL/DNBB > Department of Neurobiology and Behavior, Cornell University
 CORNELL/EAS/ATMO > Atmospheric Science Program, Department of Earth and Atmospheric Sciences, Cornell University
 CORNELL/INSTOC > Institute for the Study of the Continents, Cornell University
 CORNELL/NR > Department of Natural Resources, Cornell University
 CORNELL/PL-BIO > Department of Plant Biology, Cornell University
 COSMOS/VDC > Virtual Data Center, Consortium of Organizations for Strong-Motion Observation Systems
 CPC > ConocoPhillips Company
 CRC PRESS > CRC Press
 CRED > Centre for Research on the Epidemiology of Disasters
 CROWNPUB > Crown Publications, Inc.
 CSA > Cambridge Scientific Abstracts
 CSANY/INFOSHARE > Infoshare, Community Studies Associates of NY, Inc.
 CSUOHIO/CESTP > Center for Environmental Science, Technology and Policy, Cleveland State University
 CT > ChartTiff
 CT/CLIM > State Climate Center, Connecticut
 CT/DOAG/BALS > Bureau of Aquaculture and Laboratory Service, Department of Agriculture, Connecticut
 CTIC > Conservation Technology Information Center
 CTR > Crowding the Rim
 CU-LONDON/SOI/DIS > Department of Information Sciences, School of Informatics, City University, London
 CVAG > Coachella Valley Association of Governments
 CVI > Canaan Valley Institute
 CVOU-O/ISN-O > Institute for Science Networking Oldenburg GmbH, Carl von Ossietzky University of Oldenburg
 CWAB > ChartWrite AB
 CWM/VIMS > Virginia Institute of Marine Science, College of William and Mary
 CWM/VIMS/BIO/ZE > Zooplankton Ecology Lab, Department of Biological Sciences, Virginia Institute of Marine Science, College of William and Mary
 CZ > Geofond
 DALHOUSIE/OCEAN > Department of Oceanography, Dalhousie University
 DARTMOUTH/GEOG/FLOOD > Flood Observatory, Department of Geography, Dartmouth College
 DARTMOUTH/THAYER > Thayer School of Engineering, Dartmouth College
 DCI/DC > Discovery Channel, Discovery Communications Inc.
 DE/BSH/DOD > Deutsches Ozeanographisches Datenzentrum, Bundesamt Fur Seeschifffahrt Und Hydrographie, Germany
 DE/CLIM > State Climatologist, Delaware
 DE/DLR/DFD > German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany
 DE/DLR/DFD/EOWEB > Satellite Data Information Service, German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany
 DE/DLR/DFD/ISIS > Intelligent Satellite Data Information System, German Remote Sensing Data Center, Deutsches Fernerkundungsdatenzentrum (DFD), German Aerospace Center, Germany
 DE/DWD > Deutscher Wetterdienst (German Meteorological Service), Germany
 DE/DWD/NKZ > Nationales Klimadatenzentrum, Deutscher Wetterdienst (German Meteorological Service), Germany
 DE/FAL > Federal Agricultural Research Center, Braunschweig-Volkenroede, Germany
 DE/FIH/GRDC > Global Runoff Data Center, Federal Institute of Hydrology, Germany
 DE/GFZ > Geo Research Center Potsdam, Germany
 DE/GFZ/ISDC > Information System and Data Center, GeoForschungszentrum Potsdam, Germany
 DE/GKSS/ICR > Institute for Coastal Research, GKSS Forschungszentrum GmbH Geesthacht, Germany
 DE/GSF-PUC > GSF Research Center for Environment and Health/PUC, Germany
 DE/MER/DKRZ > Deutsches Klimarechenzentrum GmbH, Ministry of Education and Research, Germany
 DE/MP/EDC > Equator-S Data Centre, Max Plank Institut fur Extraterrestrische Physik
 DE/TERRESTRIS > Terrestris, Germany
 DE/UFZ > Umweltforschungszentrum Leipzig (Center for Environmental Research, Leipzig), Germany



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DE/UK/GI > Geophysikalischen Instituts (Geophysics Institute), Universitat Fridericiana Karlsruhe (University of Karlsruhe), Germany
 DE/UK/IMK > Institut für Meteorologie und Klimaforschung (IMK), Universität Fridericiana Karlsruhe (University of Karlsruhe), Germany
 DE/ZALF > Leibniz-Centre for Agricultural Landscape and Land Use Research, Germany
 DEBIANGIS > DebianGis
 DEVEL-TECH > Devel-Tech Inc.
 DHHS > U.S. Department of Health and Human Services
 DHHS/AHRQ > Agency for HealthCare Research and Quality, U.S. Department of Health and Human Services
 DHHS/CDC/ATSDR > Agency for Toxic Substances and Disease Registry, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/EPO > Epidemiology Program Office, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/EPR > Emergency Preparedness & Response, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/NCCDPHP/CDP > Chronic Disease Prevention, National Center for Chronic Disease Prevention and Health Promotion, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/NCHSTP/DHAP > Divisions of HIV/AIDS Prevention, National Center for HIV, STD and TB Prevention, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/NCID/DBMD > Division of Bacterial and Mycotic Diseases, National Center for Infectious Diseases, CDC, U.S. Department of Health and Human Services
 DHHS/CDC/NCIDOD/FDDDB/FOODNET > FoodNet, Foodborne and Diarrheal Diseases Branch, National Center for Infectious Diseases, CDC, U.S. Department of Health and Human Services
 DHHS/CMS > Centers for Medicare & Medicaid Services, U.S. Department of Health and Human Services
 DHHS/NIH/NIMH/RSB > Research Services Branch, National Institute of Mental Health, National Institutes of Health, U.S. Department of Health and Human Services
 DHHS/NIH/NLM/NCBI > National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, U. S. Department of Health and Human Services
 DHHS/NIH/NLM/SIS > Specialized Information Services, National Library of Medicine, National Institutes of Health, U. S. Department of Health and Human Services
 DHI-S > DHI Software
 DHS > U.S. Department of Homeland Security
 DHS/CG/NRC > National Response Center, U.S. Coast Guard, U.S. Department of Homeland Security
 DHS/FEMA > Federal Emergency Management Agency, U.S. Department of Homeland Security
 DHS/FEMA/MD/HAZUS > Hazards U.S., Mitigation Division, FEMA, U.S. Department of Homeland Security
 DHS/FEMA/MMI > Multi-Hazard Mapping Initiative, FEMA, Department of Homeland Security
 DHS/FEMA/MSR > Map Service Center, FEMA, U.S. Department of Homeland Security
 DIVA-GIS > DIVA-GIS
 DK/DIAS/MFAF/DAE > Department of Agricultural Engineering, Ministry of Food Agriculture and Fisheries, Danish Institute of Agricultural Sciences, Denmark
 DK/MC/CEW > Copenhagen Energy Wind, Municipality of Copenhagen, Denmark
 DK/MFAF/DIFRES > Danish Institute for Fisheries Research, Ministry of Food, Agriculture and Fish, Denmark
 DK/MWTC > Middelgrunden Wind Turbine Cooperative, Denmark
 DLESE > Digital Library for Earth System Education
 DMSG > DM Solutions Group
 DMTI > Desktop Mapping Technologies Inc.
 DO-ED > U.S. Department of Education
 DOC > U.S. Department of Commerce
 DOC/BC > Bureau of Census, U.S. Department of Commerce
 DOC/BEA > Bureau of Economic Analysis, U. S. Department of Commerce
 DOC/NIST > National Institute of Standards and Technology, U.S. Department of Commerce
 DOC/NOAA > National Oceanic & Atmospheric Administration
 DOC/NOAA/CBO > NOAA Chesapeake Bay Office, U.S. Department of Commerce
 DOC/NOAA/CLASS > Comprehensive Large Array-data Stewardship System, NOAA, U.S. Department of Commerce
 DOC/NOAA/CRW > Coral Reef Watch, NOAA, U.S. Department of Commerce
 DOC/NOAA/EDU > Education Resources, National Oceanic & Atmospheric Administration, Department of Commerce
 DOC/NOAA/ESRL/GMD > Global Monitoring Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce
 DOC/NOAA/ESRL/GMD/CCGG > Carbon Cycle Greenhouse Gases Group, Global Monitoring Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce
 DOC/NOAA/ESRL/GMD/HATS > Halocarbons and other Atmospheric Trace Species Group, Global Monitoring Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce
 DOC/NOAA/ESRL/GSD/FSL > Forecast Systems Laboratory, Global Systems Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce
 DOC/NOAA/ESRL/GSD/ISB > Information Systems Division, Global Systems Division, Earth System Research Laboratory, NOAA, U.S. Department of Commerce
 DOC/NOAA/GFDL > NOAA Geophysical Fluid Dynamics Laboratory, U.S. Department of Commerce
 DOC/NOAA/GFDL/NOMADS > NOAA Geophysical Fluid Dynamics Laboratory Operational Model Archive and Distribution System, U.S. Department of Commerce
 DOC/NOAA/NESDIS/COARE > TOGA COARE Data Information System, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/CWP > CoastWatch Program, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NCDC > National Climatic Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NGDC > National Geophysical Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NODC > National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NODC/COL > Coastal Ocean Laboratory, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NODC/JASADCP > Joint Archive for Shipboard ADCP, National Oceanographic Data Center, NESDIS, NOAA, U.S. Dept. of Commerce
 DOC/NOAA/NESDIS/NODC/LISD > Library Services Information Division, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NODC/NCDDC > National Coastal Data Development Center, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NODC/OC > Ocean Climate Laboratory, National Oceanographic Data Center, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/NOSA > NOAA Observing Systems Architecture, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/OPDB/FPDT > Forecast Products Development Team, Operational Products Development Branch, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/ORA/LSA > Laboratory for Satellite Altimetry, Office of Research and Applications, NESDIS, NOAA, U.S. Department of Commerce
 DOC/NOAA/NESDIS/ORA/LST > Land Surface Team, Office of Research and Applications, NESDIS, NOAA, U.S. Department of Commerce



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOC/NOAA/NESDIS/OSD > Office of Systems Development, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/OSDPD > Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/OSDPD/IPD > Information Processing Division, Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/OSDPD/SSD > Satellite Services Division, Office of Satellite Data Processing and Distribution, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/OSEI > Operational Significant Event Imagery Server, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/OSO > Office of Satellite Operations, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/SAA > Satellite Active Archive, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/STAR > Center for Satellite Applications and Research, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NESDIS/STAR/SMCD > Satellite Meteorology and Climatology Division, Center for Satellite Applications and Research, NESDIS, NOAA, U.S. Department of Commerce
DOC/NOAA/NIC > National Ice Center, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/AFSC > Alaska Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/AFSC/NMML > National Marine Mammal Laboratory, Alaska Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/AFSC/NMML/APIS > Antarctic Pack Ice Seals, National Marine Mammal Laboratory, Alaska Fisheries Science Center, NMFS, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/FSED > Fisheries Statistics and Economics Division, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/GALVESTON > Galveston Laboratory, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/NEFSC > Northeast Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/NERO > Northeast Regional Office, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/OST > Office of Science & Technology, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/OST/RACD > Research Analysis & Coordination Division, Office of Science & Technology, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/SEFSC > Southeast Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/SEFSC/SEAMAP > SOUTHEAST AREA MONITORING AND ASSESSMENT PROGRAM (SEAMAP), SOUTHEAST FISHERIES SCIENCE CENTER, NATIONAL MARINE FISHERIES SERVICE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, U.S. DEPARTMENT OF COMMERCE
DOC/NOAA/NMFS/SWFSC > Southwest Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NMFS/SWFSC/PFEL > Pacific Fisheries Environmental Laboratory, Southwest Fisheries Science Center, National Marine Fisheries Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS > National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/CO-OPS > Center for Operational Oceanographic Products and Services, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/CORIS > Coral Reef Information System, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/CSC > Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/CSC/CRS > Coastal Remote Sensing Program, Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/CSC/LCR > Landscape Characterization and Restoration, Coastal Services Center, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/MBO/SP > Special Projects, Management and Budget Office, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NCCOS > National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NCCOS/CCEHBR > CENTER FOR COASTAL ENVIRONMENTAL HEALTH AND BIOMOLECULAR RESEARCH, NATIONAL CENTERS FOR COASTAL OCEAN SCIENCE, NATIONAL OCEAN SERVICE, NOAA, U.S. DEPARTMENT OF COMMERCE
DOC/NOAA/NOS/NCCOS/CCMA > Center for Coastal Monitoring and Assessment, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NCCOS/CSCOR > Center for Sponsored Coastal Ocean Research, National Centers for Coastal Ocean Science, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NCCOS/HML > HOLLINGS MARINE LABORATORY, NATIONAL CENTERS FOR COASTAL OCEAN SCIENCE, NATIONAL OCEAN SERVICE, NOAA, U.S. DEPARTMENT OF COMMERCE
DOC/NOAA/NOS/NGS > National Geodetic Survey, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NMS > National Marine Sanctuaries, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/NMS/STELLWAGEN > Stellwagen Bank National Marine Sanctuary, National Marine Sanctuaries, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCRM/NERR > National Estuarine Research Reserve, Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCRM/NERRS/GBNERR > Great Bay National Estuarine Research Reserve, National Estuarine Research Reserve System, Office of Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCRM/NERRS/WNERR > Wells National Estuarine Research Reserve, National Estuarine Research Reserve System, Office of Ocean and Coastal Resource Management, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCS > Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCS/CSDL/MMAP > Marine Modeling and Analysis Program, CSDL, OCS, NOS, NOAA, Department of Commerce
DOC/NOAA/NOS/OCS/HSD > Hydrographic Surveys Division, Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/OCS/MCD > Marine Chart Division, Office of Coast Survey, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/ORCA/CMBAD > Coastal Monitoring and Bioeffects Assessment Division, ORCA, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/ORCA/SEA > Strategic Environmental Assessment Division, ORCA, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/ORR > Office of Response and Restoration, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/ORR/HAZMAT > Hazardous Material Response Division, Office of Response and Restoration, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NOS/SPO > Special Projects Office, National Ocean Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS > National Weather Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS/APRFC > Alaska-Pacific River Forecast Center, National Weather Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS/ARH > Alaska Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS/ARH/WCATWC > West Coast and Alaska Tsunami Warning Center, Alaska Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS/BOSTON > Forecast Office Boston Massachusetts, National Weather Service, NOAA, U.S. Department of Commerce
DOC/NOAA/NWS/CBRFC > Colorado Basin River Forecast Center, National Weather Service, NOAA, U.S. Department of Commerce



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Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOC/NOAA/NWS/FSD > Sioux Falls, SD Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/ILN > Wilmington, OH Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/LA > Los Angeles/Oxnard California Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/LWX > Baltimore-Washington Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP > National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP/CPC > Climate Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP/EMC > Environmental Modeling Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP/SEC > Space Environment Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP/SPC > Storm Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NCEP/TPC/NHC > National Hurricane Center, Tropical Prediction Center, National Centers for Environmental Prediction, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NDBC > National Data Buoy Center, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/NOHRSC > National Operational Hydrologic Remote Sensing Center, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/OAX > Kansas City/Pleasant Hill, MO Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/OCWWS > Office of Climate, Water, and Weather Service, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/OHD > Office of Hydrologic Development, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/OST/MDL > Meteorological Development Laboratory, Office of Science and Technology, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/PRH/ITIC > International Tsunami Information Center, Pacific Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/PTWC > Pacific Tsunami Warning Center, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/PUB > Pueblo, CO Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/SALT LAKE > Salt Lake City, UT Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/SFO > San Francisco Bay Area, CA Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/SRH > Southern Region Headquarters, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/STL/NWAC > Northwest Weather and Avalanche Center, Seattle Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/NWS/TLH > Tallahassee, FL Forecast Office, National Weather Service, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/AL > Aeronomy Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/AOML > Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/AOML/HRD > Hurricane Research Division, Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/AOML/OCD/CHAMP > Coral Health and Monitoring Program, Ocean Chemistry Division, Atlantic Oceanographic and Meteorological Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/ARL > Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/ARL/ATDD > Atmospheric Turbulence and Diffusion Division, Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/ARL/SRRB > Surface Radiation Research Branch, Air Resources Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/ARO > Arctic Research Office, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/CDC > Climate Diagnostics Center, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/ETL > Environmental Technology Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/GLERL > Great Lakes Environmental Research Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/MOC > Marine Operations Center, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/NSSL > National Severe Storms Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/NURP/NAGL > National Undersea Research Center for the North Atlantic and Great Lakes, NOAA's Undersea Research Program, Office of Oceanic and Atmospheric Research, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/PMEL > Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/PMEL/EPIC > EPIC, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/PMEL/NCTR > NOAA Center for Tsunami Research, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OAR/PMEL/VENTS > VENTS, Pacific Marine Environmental Laboratory, OAR, NOAA, U.S. Department of Commerce
 DOC/NOAA/OOE > Office of Ocean Exploration, National Oceanic and Atmospheric Administration, U.S. Department of Commerce
 DOC/NOAA/OPCA > Office of Public and Constituent Affairs, NOAA, U.S. Department of Commerce
 DOC/NTIS > National Technical Information Service, U.S. Department of Commerce
 DOC/NTIS/GRC > Government Research Center, National Technical Information Service, U. S. Department of Commerce
 DOD > U.S. Department of Defense
 DOD/DMSO > Defense Modeling and Simulation Office, U.S. Department of Defense
 DOD/DTRA > Defense Threat Reduction Agency, U.S. Department of Defense
 DOD/NGA > National Geospatial-Intelligence Agency, U. S. Department of Defense
 DOD/NGA/GSD > Geospatial Sciences Division, National Geospatial-Intelligence Agency, U.S. Department of Defense
 DOD/SMDC/CMR > Center for Monitoring Research , U. S. Army Space and Missile Defense Command, U. S. Department of Defense
 DOD/USAF/AFCCC > Air Force Combat Climatology Center, U.S. Air Force, U.S. Department of Defense
 DOD/USAF/AFRL/88WS > 88th Weather Squadron , U.S. Air Force Research Laboratory, U.S. Air Force, U. S. Department of Defense
 DOD/USARMY/USACE/CHL > Coastal Engineering Research Center, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/CHL/CERC > Coastal Engineering Research Center, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/CHL/FRF > Field Research Facility, Coastal and Hydraulics Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/ERDC-CERL > Engineer Research and Development Center - Construction Engineering Research Laboratory, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/GDCN > Geospatial Data Clearinghouse Node, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/HEC > Hydrologic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/NAE > New England District, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOD/USARMY/USACE/SAD/MOBILE > Mobile District, South Atlantic Division, U.S. Army Corps of Engineers, U.S. Army, U.S. Department of Defense
 DOD/USARMY/USACE/TEC > Topographic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/TEC/TIO > TEC Imagery Office, Topographic Engineering Center, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USARMY/USACE/WES > Waterways Experiment Station, U. S. Army Corps of Engineers, U.S. Army, U. S. Department of Defense
 DOD/USNAVY/FNMOC > Fleet Numerical Meteorology and Oceanography Center, U.S. Navy, U. S. Department of Defense
 DOD/USNAVY/FNMOC/USGODAE > U.S. Global Ocean Data Assimilation Experiment, Fleet Numerical Meteorology and Oceanography Center, U.S. Navy, U.S. Department of Defense
 DOD/USNAVY/NAVOCEANO > Naval Oceanographic Office, U.S. Navy, U. S. Department of Defense
 DOD/USNAVY/NPS > Naval Postgraduate School, U.S. Navy, U.S. Department of Defense
 DOD/USNAVY/NRL/MRY > Naval Research Laboratory, Monterey, U.S. Navy, U. S. Department of Defense
 DOD/USNAVY/NRL/MRY/MMD > Marine Meteorology Division, Naval Research Laboratory, Monterey, U.S. Navy, U. S. Department of Defense
 DOD/USNAVY/NRL/PPD > Plasma Physics Division, Naval Research Laboratory, U.S. Navy, U.S. Department of Defense
 DOD/USNAVY/NRL/RSD > Remote Sensing Division, Naval Research Laboratory, U.S. Navy, U.S. Department of Defense
 DOE > U.S. Department of Energy
 DOE/ANL/MCSD > Mathematics and Computer Science Division, Argonne National Laboratory, U. S. Department of Energy
 DOE/ARM > Atmospheric Radiation Measurement Project, U.S. Department of Energy
 DOE/ARM/ARCHIVE > ARM Archive, Atmospheric Radiation Measurement Program, U. S. Department of Energy
 DOE/ARM/DQO > Data Quality Office, Atmospheric Radiation Measurement Project, U. S. Department of Energy
 DOE/ARM/SCIENCE > Science, Atmospheric Radiation Measurement Program, U. S. Department of Energy
 DOE/BNL > Brookhaven National Laboratory, U. S. Department of Energy
 DOE/BNL/FACE > Free Air CO2 Enrichment Group, Brookhaven National Laboratory, U. S. Department of Energy
 DOE/EIA > Energy Information Administration, U. S. Department of Energy
 DOE/LANL > LOS ALAMOS NATIONAL LABORATORY, DEPARTMENT OF ENERGY
 DOE/LANL/COSIM > Climate, Ocean and Sea Ice Modeling Project, Los Alamos National Laboratory, U.S. Department of Energy
 DOE/LANL/EPT > Energetic Particle Team, Los Alamos National Laboratory, U.S. Department of Energy
 DOE/LANL/TTD > Technology Transfer Division, Los Alamos National Laboratory, U.S. Department of Energy
 DOE/LLNL/ASD > Atmospheric Sciences Division, Lawrence Livermore National Laboratory, U. S. Department of Energy
 DOE/LLNL/ERD > Environmental Restoration Division, Lawrence Livermore National Laboratory, U. S. Department of Energy
 DOE/LLNL/ICC/SDD/IMG > Information Management & Graphics Group, Services and Development Division, Integrated Computing and Communications Department, Lawrence Livermore National Laboratory, U. S. Department of Energy
 DOE/LLNL/IPCC > Intergovernment Panel on Climate Change, Lawrence Livermore National Laboratory, U. S. Department of Energy
 DOE/LLNL/PCMDI > Program for Climate Model Diagnosis and Intercomparison, Lawrence Livermore National Laboratory, U. S. Department of Energy
 DOE/NREL/RREDC > Renewable Resource Data Center, National Renewable Energy Laboratory, U.S. Department of Energy
 DOE/OCRWM/YMP > Yucca Mountain Project, Office of Civilian Radioactive Waste Management, U.S. Dept. of Energy
 DOE/ORNL > Oak Ridge National Laboratory, U. S. Department of Energy
 DOE/ORNL/ESD > Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy
 DOE/ORNL/ESD/CDIAC > Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy
 DOE/ORNL/ESD/CDIAC/AMERIFLUX > Ameriflux, Carbon Dioxide Information Analysis Center, Environmental Sciences Division, Oak Ridge National Laboratory, U. S. Department of Energy
 DOE/ORNL/GIST > Geographic Information Science and Technology, Oak Ridge National Laboratory, U.S. Department of Energy
 DOE/OS/ESG > Earth System Grid/Office of Science/U.S. Department of Energy
 DOE/OSTI > Office of Science and Technology Information, U.S. Department of Energy
 DOED/VRD > Virtual Reference Desk, U.S. Department of Education
 DOI > U.S. Department of the Interior
 DOI/BLM/AFS > Alaska Fire Service, Bureau of Land Management, U.S. Department of the Interior
 DOI/BLM/NILS > National Integrated Land System, Bureau of Land Management, U.S. Department of the Interior
 DOI/BLM/NLCS > National Landscape Conservation System, Bureau of Land Management, U.S. Department of the Interior
 DOI/BLM/OFA/NIFC > National Interagency Fire Center, Office of Fire and Aviation, Bureau of Land Management, U.S. Department of the Interior
 DOI/BLM/ORWA/GIS > GIS, Oregon/Washington, Bureau of Land Management, U.S. Department of the Interior
 DOI/MMS/GOMR > Gulf of Mexico Outer Continental Shelf Region, Minerals Management Service, U.S. Department of the Interior
 DOI/MMS/POCS > Pacific OCS Region, Mineral Management Service, U. S. Department of the Interior
 DOI/NPS/ARD > Air Resources Division, National Park Service, U.S. Department of the Interior
 DOI/NPS/CACO > Cape Cod National Seashore, National Park Service, U.S. Department of the Interior
 DOI/NPS/DNP > Denali National Preserve, National Park Service, U.S. Department of the Interior
 DOI/NPS/GEOL/ED > Educational Resources, Geology Division, National Park Service, U.S. Department of the Interior
 DOI/NPS/IM > Inventory and Monitoring Program, National Park Service, U.S. Department of the Interior
 DOI/NPS/IMC > Interactive Mapping Center, National Park Service, U.S. Department of the Interior
 DOI/NPS/PCA > Plant Conservation Alliance, National Park Service, U.S. Department of the Interior
 DOI/NPS/RMNP > Rocky Mountain National Park Field Station, National Park Service, U.S. Department of the Interior
 DOI/NPS/SKCNP > Sequoia and Kings Canyon National Park, National Park Service, U.S. Department of the Interior
 DOI/NPS/YNP/SAC > Spatial Analysis Center, Yellowstone National Park, National Park Service, U.S. Department of the Interior
 DOI/USFWS/AK/ITM/GIS > Geographic Information Systems, Information Technology Management, Alaska, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/CFWO > Carlsbad, Fish and Wildlife Office, Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/FWMHR > Division of Fish and Wildlife Management and Habitat Restoration, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/MFRO > Maryland Fisheries Resource Office, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/NER/CSDS > Cartography and Spatial Data Services, Northeast Region, U.S. Fish & Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/NWI > National Wetlands Inventory, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/PR/ANWR/ALASKA > Arctic National Wildlife Refuge, Pacific Region, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USFWS/PR/DRP > Division of Refuge Planning, Pacific Region, U.S. Fish and Wildlife Service, U.S. Department of the Interior
 DOI/USGS/ADDS > Africa Data Dissemination Service, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/ASC/GEOD/AGDC > Alaska Geospatial Data Clearinghouse, Geography, AK Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/AZWSC > Arizona Water Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/ASC/BSO > Biological Science Office, Alaska Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

Interior

DOI/USGS/BRD/CBI > Center for Biological Informatics, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/CBI/NBII/SAIN > Southern Appalachian Information Node, National Biological Information Infrastructure, CBI, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/CERC > Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/CERC/BRAZOS > Brazos Field Research Station, Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/CERC/INFOLINK > Missouri River InfoLINK Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/CERC/PUBS > Publications, Columbia Environmental Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/ER/SSP > Science Support Program, Eastern Region, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/FRESC > Forest Rangeland Ecosystem Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/FRESC/CRG > Corvallis Research Group, Forest and Rangeland Ecosystem Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/GAP > Gap Analysis Program, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/GLSC > Great Lakes Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/LSC > Leetown Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/LSC/NARL > Northern Appalachian Research Laboratory, Leetown Science Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NBII/FRAMES > Fire Research And Management Exchange System, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NBII/MPIN > Mountain Prairie Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NBII/PBIN > Pacific Basin Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NBII/SWIN > Southwest Information Node, National Biological Information Infrastructure, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NPWRC > Northern Prairie Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/NWHC > National Wildlife Health Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NWHC/WNV > West Nile Virus, National Wildlife Health Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NWRC > National Wetlands Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/NWRC/SDMS > Spatial Data and Metadata Server, National Wetlands Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/PIERC > Pacific Island Ecosystems Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC > Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/BBL > Bird Banding Laboratory, Patuxent Wildlife Research Center, Biological Resource Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/CWB > Colonial Waterbird, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/LIBRARY > Library Resources, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/MBR > Migratory Bird Research, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/MBR/BBS > Breeding Bird Survey, Migratory Bird Research, Patuxent Wildlife Research Center, Biological Research Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/NAAMP > North American Amphibian Monitoring Program, Patuxent Wildlife Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/NABBS > North American Breeding Bird Survey, Patuxent Wildlife Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/PWRC/WCO > Wildlife and Contaminants Online, Patuxent Wildlife Research Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/SBSC/CPFS > Colorado Plateau Field Station, Southwest Biological Science Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/SBSC/CPFS/SEPIC > Southwest Exotic Plant Information Clearinghouse, Colorado Plateau Field Station, SBSC, BRD, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/UMESE/DSS > Decision Support Systems, Upper Midwest Environmental Sciences Center, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/BRD/WERC > Western Ecological Research Center, USGS/BRD, U.S. Department of the Interior
 DOI/USGS/BRD/WERC/SNGC > Sierra Nevada Global Change Research, Western Ecological Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/WERC/YNP > Yosemite National Park Field Station, Western Ecological Research Center, Biological Resources Division, USGS, U.S. Department of the Interior
 DOI/USGS/BRD/WRO/WFRC > Western Fisheries Research Center, Western Regional Office, Biological Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CCG > Center for Coastal Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CHESAPEAKE > Chesapeake Bay, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG > Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/CCWS > Center for Coastal & Watershed Studies, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WHSC > Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WHSC/GMIS > Gulf of Maine Information System, Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WHSC/MRIB > Marine Realms Information Bank, Woods Hole Science Center, Coastal and Marine Geology, USGS, U.S. Department of the Interior
 DOI/USGS/CMG/WHSC/MS/GLORIA > GLORIA Mapping Program, Map Server, Woods Hole Science Center, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOI/USGS/CMG/WRCMG > Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WRCMG/IB > InfoBank, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WRCMG/MBMS > Monterey Bay National Marine Sanctuary, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WRCMG/NAMSS > National Archive of Marine Seismic Surveys, Western Region CMG, Coastal and Marine Geology, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/CMG/WRCMG/SDLS > Antarctic Seismic Data Library System, Western Region CMG, Coastal and Marine Geology, USGS, U.S. Department of the Interior
 DOI/USGS/ED > Education Department, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/ENERGY/CR/CET/NPRA > National Petroleum Reserve, Alaska, Central Energy Team, Central Region, Energy Team, U. S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/ENERGY/CR/CET > Central Energy Team, Central Region, Energy Team, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/ENERGY/ER/EERT > Eastern Energy Resources Team, Eastern Region, Energy Team, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/EROS > Center for Earth Resources Observation and Science, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/EROS/GISDATA > GISDATA Map Studio, Earth Resources Observation Systems Data Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/FICS/CARS/NAS > Nonindigenous Aquatic Species, Center for Aquatic Resource Studies, Florida Integrated Science Center, USGS, U.S. Department of the Interior
 DOI/USGS/FISC/CARS > Center for Aquatic Resource Studies, Florida Integrated Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/ARP > Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/ARP/ISIS > Integrated Software for Imagers and Spectrometers, Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/ARP/PIGWAD > Planetary Interactive G.I.S.-on-the-Web Analyzable Database, Astrogeology Research Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/CR/BRR > Branch of Regional Research, Central Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/CR/CRC > Core Research Center, Central Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/CR/ESP > EARTH SURFACE PROCESSES TEAM, CENTRAL REGION, GEOLOGY DIVISION, U.S. GEOLOGICAL SURVEY, U.S. DEPARTMENT OF THE INTERIOR
 DOI/USGS/GD/CR/GHT > Geologic Hazards Team, Central Region, Geology Division, USGS, U.S. Department of the Interior
 DOI/USGS/GD/CR/SL > Spectroscopy Lab, Central Region, Geology Division, USGS, U.S. Department of the Interior
 DOI/USGS/GD/EHP > Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/ANSS > Advanced National Seismic System, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/EQC > Earthquake Center, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/ERP > External Research Programs, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/H&P > Hazards & Preparedness, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/N-CA > Northern California, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/NEIC > National Earthquake Information Center, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/EHP/S-CA > Southern California, Earthquake Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/ER/EESPT > Eastern Earth Surface Processes Team, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/FM > Formal Metadata, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/GCRP > Global Change Research Program, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/GCRP/PUBS > Publications and Data, Global Change Research Program, Eastern Region, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/LHP/NLIC > National Landslide Information Center, Landslides Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/MENLO PARK > USGS, Geology Division, Menlo Park, CA, U.S. Department of the Interior
 DOI/USGS/GD/MRP > Mineral Resource Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/MRP/SP > Spatial Data, Mineral Resource Program, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/MT > Metadata Tools, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/NGMDB > National Geologic Map Database, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/NGP > National Geomagnetism Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/PUBS/CR > Central Region, Publications, Geology Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/PUBS/WR/GEOPUBS > Publications-Western Region, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/VHP > Volcano Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/VHP/CVO > Cascades Volcano Observatory, Volcano Hazards Program, Geological Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/WMR > Western Mineral Resources, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/WMR/AK > Western Mineral Resources - Alaska, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/WMR/WRDIA > Western Region Databases and Information Analysis, Western Mineral Resources, Geologic Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GD/WR/ESP > Earth Surface Processes, Western Region, Geology Division, USGS, U. S. Department of the Interior
 DOI/USGS/GEOG/CAS > Cartographic Applications Software, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/GAM > Geographic Analysis and Monitoring System, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/GNIS > Geographic Names Information System, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/MCMC > Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/MCMC/NHD > National Hydrography Dataset, Spatial Data Transfer Standard Info Ste, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/MCMC/SDTS > Spatial Data Transfer Standard Info Ste, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/MCMC/TOPO > Topographic Maps, Mid-Continent Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/NSDI/GEOSCI > Geoscience Data Catalog, National Spatial Data Infrastructure, U.S. Geological Survey, Geography Division, U.S. Department of the Interior



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

DOI/USGS/GEOG/PUBS/FS > Fact Sheets, Publications, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/RMMC > Rocky Mountain Mapping Center, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/WRG > Western Region Geography, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/GEOG/WRG/MOJAVE > Mojave Desert, Western Region Geography, Geography Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NATIONAL ATLAS > National Atlas, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NGPO > National Geospatial Programs Office, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NHVVWSC > New Hampshire-Vermont Water Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NMWSC > New Mexico Water Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NRMSC > Northern Rocky Mountain Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/NRMSC/GNPFS > Glacier National Park Field Station, Northern Rocky Mountain Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/OWSC > Oregon Water Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PHOTO-LIB/ES > Earth Science, Photo Library, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/ER/PW/DDS > Digital Data Series, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/ER/PW/FS > Fact Sheets, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/ER/PW/MAPS/I-MAPS > Geologic Investigations Series, Maps, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/ER/PW/OFS > Open File Services Section, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/ER/PW/PP > Professional Papers, Publications Warehouse, Eastern Region, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/PUBS/PW > Publications Warehouse, Publications, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/USARC > United States Antarctic Resource Center, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WNVN > West Nile Virus Maps, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/CAPP > Cartography and Publishing Program, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/GA/CR > Chattahoochee River, Water Resources Division, Georgia, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/GA/ED > Education, Water Resources Division, Georgia, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/GIS > Water Resources Maps and GIS Information, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NAWQA > National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NAWQA/ACF > Apalachicola-Chattahoochee-Flint, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NAWQA/POTOMAC > Potomac River, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NAWQA/TRACE > National Analysis of Trace Elements, National Water Quality Assessment Program, Water Resources Discipline, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NJ > Water Resources Division, New Jersey, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NWIS > National Water Information System, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/NY > Water Resources Division, New York, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/OGW > Office of Ground Water, Water Resource Division, USGS, U.S. Department of the Interior
 DOI/USGS/WRD/OR > Water Resource Division, Oregon, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/OSW > Office of Surface Water, Water Resource Division, USGS, U.S. Department of the Interior
 DOI/USGS/WRD/PUB/OFR > Open-File Reports, Publications, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/SW/GW > Ground Water, Software, Water Resources Division, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/TN > Water Resources Division, Tennessee, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WRD/VA > Water Resources Division, Virginia, U.S. Geological Survey, U.S. Department of the Interior
 DOI/USGS/WVWSC > West Virginia Water Science Center, U.S. Geological Survey, U.S. Department of the Interior
 DOS > U.S. Department of State
 DOS/USAID/CARPE > Central African Regional Program for the Environment, United States Agency for International Development, U.S. Department of State
 DOT > U.S. Department of Transportation
 DOT/BTS > Bureau of Transportation Statistics, U.S. Department of Transportation
 DOT/FAA/NCAO > National Aeronautical Charting Office, Federal Aviation Agency, U.S. Department of Transportation
 DOT/PHMSA > Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation
 DRI/DEES > Division of Earth and Ecosystem Sciences, Desert Research Institute
 DRI/DHS > Division of Hydrologic Sciences, Desert Research Institute
 DRSC > Dekker Remote Sensing Corporation
 DS > Dynamic Solutions International
 DTI-UK/SEP/WAVEGEN > Wavegen, Sustainable Energy Programme, Department of Transportation and Industry, United Kingdom
 DU/GPR > Great Plains Region, Ducks Unlimited, Inc.
 DU/SR > Southern Region, Ducks Unlimited, Inc.
 DUKE/BIO > Department of Biology, Duke University
 DUKE/NICOLAS > Nicholas School of the Environment and Earth Sciences, Duke University
 DWM > Deane Merrill
 DWP > Disney Wilderness Preserve
 E-INFO > Earth-Info
 EADS/ISTAR > Imagerie STereo Appliquee au Relief, EADS
 EAN-I > Earth Action Network, Inc.
 EARTHSAT > Earth Satellite Corporation
 EASTOIL > EasternOil Services, Inc.
 EASY > EASy Software
 EBV > EUROSENSE B.V.
 EC/NAVY/INOCAR > Instituto Oceanografico de la Armada, Department of the Navy, Ecuador
 ECMWF > European Centre for Medium-Range Weather Forecasts
 ECO/INFO > Inforain, Ecotrust
 EDF > Environmental Defense Fund



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

EE/EADC > Estonian Antarctic Data Centre, Estonia
 EEA > European Environment Agency
 EEA/DISMED > Desertification Information System for the Mediterranean, European Environment Agency
 EEA/EPER > European Pollutant Emission Register, European Environment Agency
 EEA/ETCACC > European Topic Centre on Air and Climate Change, European Environment Agency
 EEA/ETCW > European Topic Centre on Water, European Environment Agency
 EEA/NATURE > European Topic Centre on Nature Protection and Biodiversity, European Environment Agency
 EEN > Emergency Email Network, Inc.
 EERI/CLEARINGHOUSE > Virtual Clearinghouse Database, Earthquake Engineering Research Institute
 EFI > European Forest Institute
 EHH/FAMV/UEH > Erik L Ekman Herbarium, Faculte d'Agronomie et de Medecine Veterinaire, Universite d'Etat d'Haiti
 EIDETIC > Eidetic Digital Imaging Ltd.
 EII > EarthInfo Inc.
 EKC > Eastman Kodak Company
 ELSEVIER > Elsevier Science Inc.
 EM > ERA Maptec, Ltd
 EMAG > E/The Environmental Magazine
 EMBL > European Molecular Biology Laboratory
 EMBRAPA > Empresa Brasileira de Pesquisa Agropecuaria, Brazilian Agricultural Research Corporation
 EMS-I > Environmental Modeling Systems, Inc.
 ENES/PRISM > Programme for Integrated Earth System Modelling
 ENSCO/MW > MetWise, ENSCO, INC.
 EP > EcoPort
 EPA > U.S. Environmental Protection Agency
 EPA/AMD > Atmospheric Modeling Division, U.S. Environmental Protection Agency
 EPA/CAMD > Clean Air Markets Division, U.S. Environmental Protection Agency
 EPA/CE/PR/DS/AIR/AFS > Air Facility System, Air, Data Systems, Planning and Results, Compliance and Enforcement, U.S. Environmental Protection Agency
 EPA/CEPPO > Chemical Emergency Preparedness and Prevention Office, U.S. Environmental Protection Agency
 EPA/EDW > Envirofacts Data Warehouse, U.S. Environmental Protection Agency
 EPA/EEC > Environmental Explorer's Club, U.S. Environmental Protection Agency
 EPA/EMAP > Environmental Monitoring and Assessment Program, U.S. Environmental Protection Agency
 EPA/ERD/CEAM > Center for Exposure Assessment Modeling, Ecosystems Research Division, U.S. Environmental Protection Agency
 EPA/ERD/WWQTSC > Watershed and Water Quality Modeling Technical Support Center, Ecosystems Research Division, U.S. Environmental Protection Agency
 EPA/GEOSS > Global Earth Observation System of Systems, U.S. Environmental Protection Agency
 EPA/GLNPO > Great Lakes National Program Office, U.S. Environmental Protection Agency
 EPA/GMPO > Gulf of Mexico Program Office, U.S. Environmental Protection Agency
 EPA/MAIA > Mid-Atlantic Integrated Assessment, U.S. Environmental Protection Agency
 EPA/NE/LISO > Long Island Sound Office, New England, U.S. Environmental Protection Agency
 EPA/NERL/ERD > Ecosystems Research Division, National Exposure Research Laboratory, U.S. Environmental Protection Agency
 EPA/NRMRL/GWERD/CSMOS > Subsurface Modeling Support, Groundwater and Ecosystems Restoration Division, Risk Management, U.S. Environmental Protection Agency
 EPA/NSDI > National Geospatial Data Clearinghouse, U.S. Environmental Protection Agency
 EPA/OAR > Office of Air and Radiation, U.S. Environmental Protection Agency
 EPA/OAR/IED > Indoor Environments Division, Office of Air and Radiation, U.S. Environmental Protection Agency
 EPA/OAR/OAQPS > Office of Air Quality Planning and Standards, Office of Air and Radiation, U.S. Environmental Protection Agency
 EPA/OAR/OAQPS/AAQMP > Ambient Air Quality Monitoring Program, Air Quality Planning and Standards, Office of Air and Radiation, U.S. Environmental Protection Agency
 EPA/OPEI > Office of Policy, Economics, and Innovation, U.S. Environmental Protection Agency
 EPA/OPP > Office of Pesticide Programs, U.S. Environmental Protection Agency
 EPA/OPPT > Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency
 EPA/OPPT/EATM > Exposure Assessment Tools and Models, Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency
 EPA/ORD > Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NCEA > National Center for Environmental Assessment, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NERL > National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NERL/CREM > Council for Regulatory Environmental Modeling, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NERL/ESD > Environmental Sciences Division, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NERL/HEDS > Human Exposure Database System, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NERL/UV-N > UV-Net, National Exposure Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NHEERL > National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NHEERL/WED > Western Ecology Division, National Health and Environmental Effects Research Laboratory, U.S. Environmental Protection Agency
 EPA/ORD/NHERRL/AED > Atlantic Ecology Division, National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORD/NHERRL/GED > Gulf Ecology Division, National Health and Environmental Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency
 EPA/ORP > Office of Radiation Programs, U.S. Environmental Protection Agency
 EPA/ORSEARTH > U.S. Mexico Environmental Health, U.S. Environmental Protection Agency
 EPA/OSWER > Office of Solid Waste and Emergency Response, U.S. Environmental Protection Agency
 EPA/OTAQ > Office of Transportation and Air Quality, U.S. Environmental Protection Agency
 EPA/OW > Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OGWDW > Office of Ground Water and Drinking Water, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OGWDW/KS > Office of GroundKids' Stuff, Water and Drinking Water, Office of Water, U.S. Environmental Protection Agency



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

EPA/OW/OWOW > Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/MAWQ > Monitoring and Assessing Water Quality, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/OCE > Oceans, Coasts, and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/OCE/NEP > National Estuary Program, Oceans, Coasts, and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/OCE/NEP/BBNEP > Buzzards Bay National Estuary Program, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/OCE/NEP/CBEP > Casco Bay Estuary Partnership, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/OWOW/OCE/NEP/NBEP > Narragansett Bay Estuary Program, National Estuary Program, Oceans, Coasts and Estuaries, Wetlands, Oceans, and Watersheds, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/WS/BWP > Beach Watch Program, Water Science, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/WS/FISH > Fish Advisories, Water Science, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/WS/WQT > Water Quality Tools, Water Science, Office of Water, U.S. Environmental Protection Agency
 EPA/OW/WS/WQT/WQM > Models, Water Quality Tools, Water Science, Office of Water, U.S. Environmental Protection Agency
 EPA/PNW > Pacific Northwest, U.S. Environmental Protection Agency
 EPA/SUPERFUND > Superfund, U.S. Environmental Protection Agency
 EPA/TRI > Toxics Release Inventory, U.S. Environmental Protection Agency
 EPA/TTN/AMTIC > Ambient Monitoring Technology Information Center, Technology Transfer Network, U.S. Environmental Protection Agency
 EPA/TTN/EFIG > Emission Factor and Inventory Group, Technology Transfer Network, U.S. Environmental Protection Agency
 EPA/TTN/SCRAM > Support Center for Regulatory Air Models, Technology Transfer Network, U.S. Environmental Protection Agency
 EPRI > Electric Power Research Institute
 ER > EarthRef
 ERA MAPTEC LTD
 ERIDAN-1 > Eridan-1 Ltd.
 ERIM/SST > Sustainment Sciences and Technologies, Environmental Research Institute of Michigan
 ERIN > Environmental Consulting Specialists
 ES > EarthScope
 ES/CDIT > Conselleria D'Infraestructures I Transport, Spain
 ES/CPE/CNDA > Centro Nacional de Datos Antarticos, National Antarctic Data Centre, Comité Polar Espanol, Spain
 ES/CSIC/ICM > Institut de Ciències del Mar, Consejo Superior de Investigaciones Científicas, Espana
 ES/CSIC/MNCN > Museo Nacional de Ciencias Naturales, Consejo Superior de Investigaciones Científicas, Espana
 ES/CSIC/MNCN/DBB > Departamento de Biodiversidad y Biología Evolutiva, Museo Nacional de Ciencias Naturales, Consejo Superior de Investigaciones Científicas, Espana
 ES/CSIC/RJB > Royal Jardin Botanico, Consejo Superior de Investigaciones Científicas, Espana
 ES/CSIC/UTM > Unidad de Tecnología Marina, Consejo Superior de Investigaciones Científicas, Espana
 ES/IGN/CNIG > Centro Nacional de Información Geográfica, Instituto Geográfico Nacional, Spain
 ES/MDE/INTA > Instituto Nacional de Técnica Aeroespacial, Ministerio de Defensa, Spain
 ES/MDE/SGE > Servicio Geográfico del Ejército, Ministerio de Defensa, Spain
 ES/MMA/INM > Instituto Nacional de Meteorología, Ministerio de Medio Ambiente, Spain
 ES/SAIG > Sistemas Abiertos de Información Geográfica, Spain
 ESA/CSDS > Cluster Science Data System, European Space Agency
 ESA/ED > Educational Office, Ecological Society of America
 ESA/ESOC > European Space Operations Centre, European Space Agency
 ESA/ESRIN > ESRIN Earth Observation, European Space Agency
 ESA/ESRIN/ODISSEO > Open Distributed Information Services for Earth Observation, ESRIN Earth Observation, European Space Agency
 ESA/MIRAVI > Meris Image Rapid Visualization, European Space Agency
 ESA/UDS > Ulysses Data System, European Space Agency
 ESRI > Environmental Systems Research Institute, Inc.
 ESRI-CANADA > Environmental Systems Research Institute, Inc. - Canada
 ESRI-SWEDEN > Environmental Systems Research Institute, Inc. - Sweden
 ESRI-THAILAND > Environmental Systems Research Institute, Thailand Co., LTD
 ESS > Ecological Software Solutions
 ESSEA > Earth System Science Education Alliance
 ESTI > Envision Sustainability Tools Inc.
 ET > Europa Technologies, Ltd
 ET/ASG > Atmospheric Studies Group, Earth Tech
 ETH-Z/WRMC/BSRN > Baseline Surface Radiation Network, World Radiation Monitoring Center, Swiss Federal Institute of Technology Zurich
 ETI > Expert Center for Taxonomic Identification
 ETIISL > ETI Information Services Ltd.
 EU/FAUNAEUR > Fauna Europaea, European Union
 EU/JRC/IES/EUSOILS > Soil and Waste Management Unit, Institute for Environment and Sustainability, Joint Research Center, European Union
 EU/JRC/IES/GVM > Global Vegetation Monitoring Unit, Institute for Environment and Sustainability, Joint Research Center, European Union
 EU/JRC/IES/LMU/INFOREST > Inforest, Land Management Unit, Institute for Environment and Sustainability, Joint Research Center, European Union
 EU/JRC/INSPIRE > Infrastructure for Spatial Information in Europe, Joint Research Center, European Union
 EU/JRC/REU > Renewable Energies Unit, Joint Research Center, European Union
 EU/JRC/SAI > Space Applications Institute, Joint Research Center, European Union
 EU/SEANET > SeaNet, European Union
 EUMETSAT > European Meteorological Satellite Organisation
 EUMETSAT/CMSAF > Satellite Application Facility on Climate Monitoring, European Organisation for the Exploitation of Meteorological Satellites
 EURIMAGE > Eurimage S.p.A.
 EVERGREEN/ALAS > Arthropods of La Selva Data Archive, Evergreen State College
 EVERGREEN/MCFP > Monteverde Cloud Forest Preserve Archive, Evergreen State College
 EWG > Environmental Working Group
 EWU/CSHE > College of Science, Health and Engineering, Eastern Washington University



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

EXP > Exploratorium
 FAU/IFG > Institut fuer Geologie, Freidrich Alexander University
 FB > Fourmilab
 FEWS-NET > Famine Early Warning Systems Network
 FFA > Pacific Islands Forum Fisheries Agency
 FI/FEI > Finnish Environment Institute, Finland
 FI/FGI > Finnish Geodetic Institute, Finland
 FI/FMI > Finnish Meteorological Institute, Finland
 FI/MBCONCERT > MBCONCERT, Finland
 FI/MTC/FIMR > Finnish Institute of Marine Research, Ministry of Transport and Communications, Finland
 FI/MTI/GSF > Geological Survey of Finland, Ministry of Trade and Industry, Finland
 FI/VTIT/RSG > Remote Sensing Group, VTT Information Technology, Finland
 FIU/CS/HPDRC/TF > TerraFly, High Performance Database Research Center, School of Computer Science, Florida International University
 FIU/GEOLOGY > Department of Earth Sciences, Florida International University
 FL/DOT > Department of Transportation, Florida
 FL/FWC/FMRI > Florida Marine Research Institute, Fish & Wildlife Conservation Commission, Florida
 FL/HC/OEM > Office of Emergency Management, Hillsborough County, Florida
 FL/SC/PW > Public Works, Seminole County, Florida
 FLHS/GEOSCI > GeoScience Department, Fox Lane High School
 FLMNH > FLORIDA MUSEUM OF NATURAL HISTORY, UNIVERSITY OF FLORIDA
 FLUXNET/FLUXNET-CA > Fluxnet-Canada
 FMNH > THE FIELD MUSEUM OF NATURAL HISTORY
 FOCB > Friends of Casco Bay
 FORREX > Forest Research Extension Partnership
 FPS > Fire Program Solutions, L.L.C.
 FR/CETE > Centre d'Etudes Techniques de l'Equipement, France
 FR/CNES > Centre National d'Etudes Spatiales, France
 FR/IFREMER/CERSAT > Centre ERS d'Archivage et de Traitement, French Research Institute for Exploitation of the Sea, France
 FR/IFREMER/CORIOLIS > CORIOLIS Data Service, French Research Institute for Exploitation of the Sea, France
 FR/IFREMER/LEH > Laboratoire Ecologie halieutique, French Research Institute for Exploitation of the Sea, France
 FR/IFREMER/SISMER > Scientific Information Systems for the Sea, French Research Institute for Exploitation of the Sea, France
 FR/IFREMER/SISMER/GSDC > Global Subsurface Data Centre, Scientific Information Systems for the Sea, French Research Institute for Exploitation of the Sea, France
 FR/IGNE > IGN ESPACE, France
 FR/IRSTV > Research Institute on Urban Sciences and Technics, France
 FR/MERCATOR > MERCATOR OCEAN-Operational Oceanography, France
 FR/MNH > Museum National d'Histoire Naturelle, France
 FREIBURG/IPG > Institut fur Physische Geographie, Universitat Freiburg
 FRG > Fox River Group
 FSU/ARF > Antarctic Research Facility, Department of Geosciences, Florida State University
 FSU/COAPS > Center for Ocean-Atmospheric Prediction Studies, Florida State University
 FSU/COAPS/COARE-MET > Surface Meteorology Data Center, Center for Ocean-Atmospheric Prediction Studies, Florida State University
 FSU/COAPS/RVSMDC > Research Vessel Surface Meteorology Data Center, Center for Ocean-Atmospheric Prediction Studies, Florida State University
 FSU/COAPSL > Center for Ocean-Atmospheric Prediction Studies Library, Florida State University
 FSU/METEO > Meteorology Department, Florida State University
 FU-BERLIN/METEO > Meteorological Institute, Freie Universitat Berlin
 FU-BERLIN/METEO/SRG > Stratospheric Research Group, Meteorological Institute, Freie Universitat Berlin
 GA/UGA/CLIM > Office of the State Climatologist, University of Georgia, Georgia
 GATECH/GTRI > Georgia Tech Research Institute, Georgia Institute of Technology
 GB/AFSNI/AESD > Agricultural and Environmental Science Division, Agriculture and Food Science for Northern Ireland, United Kingdom
 GB/BBSRC/UKCROPNET > UK CropNet, Biotechnology and Biological Sciences Research Council, United Kingdom
 GB/CCLRC/RAL > Rutherford Appleton Laboratory, Council for the Central Laboratory of the Research Councils, United Kingdom
 GB/DARDNI > Department of Agriculture and Rural Development for Northern Ireland, United Kingdom
 GB/DTI > Department of Trade and Industry, UNITED KINGDOM
 GB/IACMST/EA/NCEMS > National Centre for Environmental Monitoring and Surveillance, Environment Agency, Inter-Agency Committee on Marine Science and Technology, United Kingdom
 GB/MOD/DSTL > Defence Science and Technology Laboratory, Ministry of Defence, United Kingdom
 GB/MOD/MET > Met Office, Ministry of Defence, United Kingdom
 GB/MOD/MET/HADLEY > Hadley Centre for Climate Prediction and Research, Met Office, Ministry of Defence, United Kingdom
 GB/NCAS/BADC > British Atmospheric Data Centre, NERC Centres for Atmospheric Science, United Kingdom
 GB/NERC/BAS > British Antarctic Survey, Natural Environment Research Council, United Kingdom
 GB/NERC/BAS/AEDC > Antarctic Environmental Data Centre, British Antarctic Survey, Natural Environment Research Council, United Kingdom
 GB/NERC/BGS > British Geological Survey, Natural Environment Research Council, United Kingdom
 GB/NERC/BODC > British Oceanographic Data Centre, Natural Environment Research Council, United Kingdom
 GB/NERC/CEH-MW > Center for Ecology and Hydrology, Monks Wood, Natural Environment Research Council, UK
 GB/NERC/CEH-W > Center for Ecology and Hydrology, Wallingford, Natural Environment Research Council, UK
 GB/NERC/DSRS > Dundee Satellite Receiving Station, Natural Environment Research Council, United Kingdom
 GB/NERC/MP > Marine Productivity, Natural Environment Research Council, United Kingdom
 GB/NERC/NEODC > NERC Earth Observation Data Centre, Natural Environment Research Council, United Kingdom
 GB/NERC/PML > Plymouth Marine Laboratory, Natural Environment Research Council, United Kingdom
 GB/NERC/PML/RSDAS > Remote Sensing Data Analysis Service, Plymouth Marine Laboratory, Natural Environment Research Council, United Kingdom
 GB/NERC/POL > Proudman Oceanographic Laboratory, Natural Environment Research Council, United Kingdom
 GB/NERC/POL/PSMSL > Permanent Service for Mean Sea Level, Proudman Oceanographic Laboratory, Natural Environment Research Council, United Kingdom
 GB/NHM/ENTO > Department of Entomology, Natural History Museum, United Kingdom
 GB/NHM/PAL > Department of Palaeontology, Natural History Museum, United Kingdom



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

GB/NMA/OS > Ordnance Survey, National Mapping Agency, United Kingdom
 GB/NRDB > Natural Resources Database, United Kingdom
 GB/SEERAD/FRS > Fisheries Research Services, Scottish Executive Environment and Rural Affairs Department, United Kingdom
 GBIF > Global Biodiversity Information Facility
 GCI > Global Commons Institute
 GDAIS > General Dynamics Advanced Information Systems
 GDT > Geographic Data Technology
 GE-GP > GeoExplorer - Geography Portal
 GEO > Group on Earth Observations
 GEOANAL > GeoAnalytic Inc.
 GEODYSSEY > Geodyssey Limited
 GEOKEM > GeoKem
 GEOLYTICS > GeoLytics, Inc.
 GEOMAR/ODSN > Ocean Drilling Stratigraphic Network, GEOMAR
 GEON > GEOsciences Network
 GEOTERREX > GEOTERREX, A Division of CGG Canada Ltd.
 GEOWARE > Geoware Online
 GETECH > Geophysical Exploration Technology
 GFD-DENNOU > GFD-DENNOU Club
 GGSD > Geotechnical and Geoenvironmental Software Directory
 GHENT/BIO/MARINE > Marine Biology Section, Department of Biology, Ghent University
 GISIG > Geographic Information Systems International Group
 GIT/EAS > School of Earth and Atmospheric Sciences, Georgia Institute of Technology
 GLOBE > Global Learning and Observations to Benefit the Environment
 GLOBEC/IBSS/NASU > GLOBEC-Ukraine, Institute of Biology of the Southern Seas, National Academy of Sciences of Ukraine
 GLOBEC/ICES/MDC > Marine Data Centre, International Council for the Exploration of the Sea
 GLOBEC/US_GLOBEC > U.S. Global Ocean Ecosystems Dynamics Program
 GMU/CEOSR > Center for Earth Observing and Space Research, George Mason University
 GMU/CEOSR/SIESIP > Seasonal-Interannual ESIP, CEOSR, George Mason University
 GMU/CSISS > Center for Spatial Information Science and Systems, CEOSR, George Mason University
 GMU/GPCP/PSPDC > Polar Satellite Precipitation Data Center, Global Precipitation Climatology Project, George Mason University
 GMU/PHYS-ASTR > Department of Physics and Astronomy, George Mason University
 GMU/SCS/LAITS > Laboratory of Advanced Information and Technology Standards, School of Computational Science, George Mason University
 GMWSRS > Grand Manan Whale and Seabirds Research Station
 GOMC > Gulf of Maine Council on the Marine Environment
 GOMOOS > Gulf of Maine Ocean Observing System
 GR/NCMR/HNODC > Hellenic National Oceanographic Data Centre, National Centre For Marine Research, Greece
 GRAMENE > Gramene
 GRI > Getty Research Institute
 GSA > Geological Society of America
 GSA/ED > Education Department, Geological Society of America
 GW > GenaWare Inc.
 HARVARD-SI/CFA > Center for Astrophysics, Harvard-Smithsonian
 HARVARD-SI/CFA/ADS > NASA Astrophysics Data System, Center For Astrophysics, Harvard-Smithsonian
 HARVARD/DOS > Department of Seismology, Harvard University
 HARVARD/EPS > Department of Earth and Planetary Sciences, Harvard University
 HARVARD/HMS/CHGE > Center for Health and the Global Environment, Harvard Medical School, Harvard University
 HARVARD/HUL > Harvard University Library, Harvard University
 HARVARD/IQSS > Institute for Qualitative Social Science, Harvard University
 HARVARD/OEB > Department of Organic and Evolutionary Biology, Harvard University
 HC/GEOL > Department of Geology, Hamilton College
 HCRN > Hawai'i Coral Reef Network
 HDM > Harvard Design & Mapping Co.
 HDPI > Hydrosphere Data Products Inc.
 HGML > Hamilton Global Management, Ltd
 HI/BISHOP-M/HBS > Hawaii Biological Survey, Bishop Museum, Hawaii
 HI/BISHOP-M/NATSCI/BOT > Botany Department, National Sciences, Bishop Museum, Hawaii
 HI/BISHOP-M/NATSCI/ENTO > Entomology Department, Natural Science, Bishop Museum, Hawaii
 HI/BISHOP-M/NATSCI/GEOL > Geology Department, Natural Science, Bishop Museum, Hawaii
 HI/BISHOP-M/PBS/SSP > Samoa Snail Project, Pacific Biological Survey, Bishop Museum, Hawaii
 HI/BISHOP-M/RC/ODB > On-line Databases, Research and Collections, Bishop Museum, Hawaii
 HI/HEAR/HNRMD > Hawaiian Natural Resources Monitoring Database, Hawaiian Ecosystems at Risk project, Hawaii
 HIT/ENERG > Department of Energy Engineering, Hachinohe Institute of Technology
 HM > Hydromodel
 HOSTGIS > HOSTGIS
 HP/HPRCC > High Plains Regional Climate Center
 HRW > Holt, Rinehart, and Winston
 HSI > Harmonic Software Inc.
 HSWRI > Hubbs - SeaWorld Research Institute
 HTHAEC > H.T. Harvey and Associates, Ecological Consultants
 HUD > U.S. Department of Housing and Urban Development
 HUNTSMAN-MSC/ARC > Huntsman Marine Science Centre, Atlantic Reference Centre
 HWU/SLS > School of Life Sciences, Heriot-Watt University, UK
 IA-STATE/CA/AGRON > Agronomy Department, College of Agriculture, Iowa State University
 IA-STATE/CE/ABE > Agriculture and Biosystems Engineering, College of Engineering, Iowa State University



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

IA-STATE/GISSRF > Geographic Information Systems Support and Research Facility, Iowa State University
 IA-STATE/IEC > Iowa Energy Center, Iowa State University
 IA-STATE/IPRT/VRAC > Virtual Reality Application Center, Institute for Physical Research and Technology, Iowa State University
 IA/DNR > Department of Natural Resources, Iowa
 IA/DOT > Department of Transportation, Iowa
 IABIN > Intern-American Biodiversity International Network
 IAGT > Institute for the Application of Geospatial Technology
 IAI > Inter-American Institute for Global Change Research
 IAI-DIS > Inter-American Institute for Global Change Research, Data and Information System
 IBM/R > IBM Research
 IBP > The Institute for Bird Populations
 ICES/EDC > Environmental Data Centre, International Council for the Exploration of the Sea
 ICES/SVC_HYDR > Service Hydrographique, International Council for the Exploration of the Sea
 ICFC/REMSAD > Regional Modeling System for Aerosols and Deposition, ICF Consulting
 ICFC/SAI/UAM-V > UAM-V, Systems Applications International, ICF Consulting
 ICIMOD > International Centre for Integrated Mountain Development
 ICSU/SCAR > Scientific Committee on Antarctic Research, International Council for Science
 ICSU/SCAR/SCAR-MARBIN > Marine Biodiversity Information Network, Scientific Committee on Antarctic Research, International Council for Science
 ID/DWR > Department of Water Resources, Idaho
 ID/SCS > State Climate Services, Idaho
 IDS > Intelligence Data Systems
 IE/DAF > Department of Agriculture and Food, Ireland
 IE/DAHGI/HOI > Heritage of Ireland, Department of Arts, Heritage, Gaeltacht and the Islands, Ireland
 IE/DTO > Dublin Transportation Office, Ireland
 IE/EPA > Environmental Protection Agency, Ireland
 IE/ERHA > Eastern Regional Health Authority, Ireland
 IE/GSI > Geological Survey of Ireland
 IE/IFB > Irish Forestry Board (Coillte Teoranta), Ireland
 IE/MARINE > Marine Institute, Ireland
 IE/MET-EIREANN > Irish Meteorological Service, Ireland
 IE/OSI > Ordnance Survey, Ireland
 IEA > International Energy Agency
 IEA/PVPS/TSK2 > Task 2, Photovoltaic Power Systems, International Energy Agency
 IEEE > Institute of Electrical and Electronics Engineers, Inc.
 IEO/CEDO > Centro Espanol de Datos Oceanograficos, Instituto Espanol de Oceanografia
 IERS/EOC > Earth Orientation Centre, International Earth Rotation Service
 IERS/GGFC > Global Geophysical Fluids Center, International Earth Rotation Service
 IERS/RSPC > Rapid Service/Prediction Center, International Earth Rotation Service
 IFIS > International Food Information Service
 IFIS-P/FSC > Food Science Central, International Food Information Service, Publishing
 IFRC/ARC > American Red Cross, International Federation of Red Cross and Red Crescent Societies
 IGBP/IGAC/GEIA > Global Emissions Inventory Activity, International Global Atmospheric Chemistry, International Geosphere-Biosphere Program
 IGBP/LUCC > Land Use and Land Cover Change, International Geosphere-Biosphere Program
 IGC > Institute for Global Communications, San Francisco
 IGES/COLA > Center for Ocean-Land-Atmosphere Studies, Institute of Global Environment and Society
 IGES/COLA/GSWP > Global Soil Wetness Project, Center for Ocean-Land-Atmosphere Studies, Institute of Global Environment and Society
 IGS/CBIS > Central Bureau Information System, International GPS Service for Geodynamics
 IGS/IFAG > Institut fuer Angewandte Geodaesie, International GPS Service for Geodynamics
 IGS/IGN > Institut Geographique National Global Data Center, France, International GPS Service
 IIAP > Instituto de Investigaciones de la Amazonia Peruana
 IIASA > International Institute for Applied Systems Analysis
 IITA > International Institute of Tropical Agriculture
 IL/DNR/GS > Geological Survey, Dept. of Natural Resources, Illinois
 IL/DNR/ISM > Illinois State Museum, Department of Natural Resources, Illinois
 IL/DNR/NHC/CEE > Center for Economic Entomology, Natural History Survey, Department of Natural Resources, Illinois
 IL/DNR/NHS > Natural History Survey, Dept. of Natural Resources, Illinois
 IL/DNR/WS > Water Survey, Dept. of Natural Resources, Illinois
 IL/DNR/WS/MRCC > Midwestern Regional Climate Center, Water Survey, Dept. of Natural Resources, Illinois
 IL/DNR/WS/NADP > National Atmospheric Deposition Program, Water Survey, Dept. of Natural Resources, Illinois
 IL/DNR/WS/STATECLIM > State Climatologist Office, Water Survey, Dept. of Natural Resources, Illinois
 IL/ISA/MEIDA > Middle East Interactive Data Archive, Israel Space-Agency, Israel
 IMAGELINKS/RSO > Remote Sensing, Image Links
 IN/DST/IITM > Indian Institute of Tropical Meteorology, Department of Science and Technology, India
 IN/GSI > Geological Survey of India, India
 IN/IIS > Indian Institute of Soil Science, India
 IN/IITM/OEC > Ocean Engineering Centre, Indian Institute of Technology in Madras, India
 IN/MCIT/NIC/GIS > Remote Sensing and GIS Division, National Informatics Centre, Ministry of Communication and Information Technology, India
 IN/NCL/NCBI > NCL Centre for Biodiversity Informatics, National Chemical Laboratory, India
 IN/NIO > National Institute of Oceanography, India
 IN/SPACE/NRSA > National Remote Sensing Agency, Department of Space, Government of India
 INBIO > Instituto Nacional de Biodiversidad
 INDENT > Innovative Decision Technologies, Inc.
 INFOTERRA > Infoterra
 INIBAP > International Network for the Improvement of Banana and Plantain
 INOVAGIS > inovaGIS



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

INTELEC > INformation Technology TELECommunication Geomatics Inc.
 INTERGRAPH > Intergraph Mapping and Geospatial Solutions
 INTERMAGNET > International Real-time Magnetic Observatory Network
 INTEVATION > Intevation GmbH
 INTUTE/SCIENCES > Science, Engineering and Technology, Intute
 IOBIS > International Ocean Biogeographic Information System
 IOBIS/OBIS-AUSTRALIA > Australia Regional Ocean Biogeographic Information System (OBIS) Node
 IOBIS/OBIS-CANADA > Canada Regional Ocean Biogeographic Information System (OBIS) Node
 IOBIS/OBIS-SEAMAP > OBIS Spatial Ecological Analysis of Megavertebrate Populations
 IOF > Institute of Oceanography and Fisheries
 IOP > International Organisation of Palaeobotany
 IOW > Baltic Sea Research Institute Warnemuende, Germany
 IPA > Istituto Per L'Ambiente
 IPCC > Intergovernmental Panel on Climate Change
 IPCC/DDC > Data Distribution Center, Intergovernmental Panel on Climate Change
 IPLLC > Informap Production LLC
 IPNI > International Plant Names Index
 IRD > L'Institut de Recherche pour le Developpement
 IRD/HAPEX-SAHEL > Hapex Sahel Information System, L'Institut de Recherche pour Le developpement
 IRIS > Incorporated Research Institutions for Seismology
 IRIS/PASSCAL > PASSCAL Instrument Center, Incorporated Research Institutions for Seismology
 ISC > International Seismological Centre
 ISC-SASK > Information Services Corporation of Saskatchewan
 ISCGM > International Sterring Committee for Global Mapping
 ISIS > International Species Information System
 IT/CNR/GNDCI > Gruppo Nazionale per la Difesa dalle Catastrofi Idrogeologiche, Italian National Research Council, Italy
 IT/CNR/IBIMET > Institute for Biometeorology, Italian National Research Council, Italy
 IT/CNR/ICMIB > Istituto di Chimica Biomolecolare, Italian National Research Council, Italy
 IT/CNR/IDPA > Istituto per la Dinamica dei Processi Ambientali, Italian National Research Council, Italy
 IT/CNR/IIA > Institute for Atmospheric Pollution, Italian National Research Council, Italy
 IT/CNR/INAF/IFSI > Institute of Interplanetary Space Physics, National Institute for Astrophysics, Italian National Research Council, Italy
 IT/CNR/IROE > Institute of Research on Electromagnetic Waves, Italian National Research Programme, Italy
 IT/CNR/ISAC > Institute of Atmospheric Sciences and Climate, Italian National Research Council, Italy
 IT/ENEA/CASACCIA > Ente per le Nuove tecnologie, l'Energia e l'Ambiente, Centro Della Casaccia, Italy
 IT/ENEA/CLIM-OSS > Meteo-Climatological Observatory, Programma Nazionale di Recherche in Antartide, Italy
 IT/ENEA/FRASCATI > Ente per le Nuove Tecnologie, l'Energia e l'Ambiente, Centro Di Frascati, Italy
 IT/INGV > Istituto Nazionale di Geofisica e Vulcanologia, Italy
 IT/OGS > Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Italy
 IT/PNRA > Italian Program for Antarctic Research, Italy
 ITIS > Integrated Taxonomic Information System
 IU-PUI/GEOL > Department of Geology, Indiana University-Purdue University at Indianapolis
 IU/GEOG > Department of Geography, Indiana University
 IU/PTL/CGL > Community Grids Lab, Pervasive Technology Labs, Indiana University
 IUCN/BOOKSTORE > World Conservation Bookstore, IUCN -The World Conservation Union
 IUCN/CC > Conservation Commons, IUCN -The World Conservation Union
 IUCN/SSC > Species Survival Commission, IUCN -The World Conservation Union
 IUCN/SSC/AFESG > African Elephant Specialist Group, Species Survival Commission, IUCN -The World Conservation Union
 IUCN/SSC/ISSG > Invasive Species Specialist Group, Species Survival Commission, IUCN -The World Conservation Union
 IUCN/WANI > Water & Nature Initiative, IUCN -The World Conservation Union
 IUGG/IAGA > International Association of Geomagnetism and Aeronomy, International Union of Geodesy and Geophysics
 IUI/MARINE-BIO > H. Steinitz Marine Biology Laboratory, Interuniversity Institute of Eilat, Israel
 IVS > Interactive Visualization Systems
 JA > Jonathan Adams
 JGOFS/IFM > German Joint Ocean Flux Study, Institute for Marine Research
 JGOFS/US_JGOFS > United States Joint Global Ocean Flux Study
 JGRASS > JGRASS
 JHU/APL/GUVI > Global Ultraviolet Imager Team, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/IMP8 > IMP8 Team, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/ORSG > Ocean Remote Sensing Group, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/SD/ACE > Advanced Composition Explorer, Space Department, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/SD/AMPTE/CCE-SDC > AMPTE/CCE Science Data Center, Space Department, Applied Physics Laboratory, John Hopkins University
 JHU/APL/SD/SPS > Solar Physics Section, Space Department, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/TIMED/SDS > TIMED Science Data System, Applied Physics Laboratory, Johns Hopkins University
 JHU/APL/WOOD > Worldwide Ocean Optics Database, Applied Physics Laboratory, Johns Hopkins University
 JHU/EP/JSIL > The Jahn Stable Isotope Laboratory, Department of Earth and Planetary Sciences, Johns Hopkins University
 JHU/EP/ML > Magmatic Laboratory, Department of Earth and Planetary Sciences, Johns Hopkins University
 JHU/SPH/DMMI > Dept. of Molecular Microbiology and Immunology, Bloomberg School of Public Health, Johns Hopkins University
 JIC > John Innes Centre
 JMP > JAKENMAX Productions
 JOI/USSP-IODP > U.S. Science Support Program - Integrated Ocean Drilling Program, Joint Oceanographic Institutions
 JP/AFFN/FISHERIES > Fukushima Prefecture Fisheries Experiment Station, Fukushima Agriculture, Forestry and Fisheries Network, Japan
 JP/CC/AFFR > Computer Center for Agriculture, Forestry & Fisheries Research, Japan
 JP/CP/ED/NCD > Nature Conservation Division, Environment Department, Chiba Prefecture, Japan
 JP/CRL > Communications Research Laboratory, Japan
 JP/FCIHE > Fukuoka-City Institute for Hygiene and Environment, Japan



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

JP/FRA/NRIFS > National Research Institute of Fisheries Science, Fisheries Research Agency, Japan
 JP/GSH > Geological Survey of Hokkaido, Japan
 JP/GSI > Geographical Survey Institute, Japan
 JP/GSJ > Geological Survey of Japan
 JP/HCFES > Hokkaido Central Fisheries Experimental Station, Japan
 JP/HNAES > Hokkaido National Agricultural Experiment Station, Japan
 JP/HPFES > Hyogo Prefectural Fisheries Experimental Station, Japan
 JP/JAMSTEC > Japan Marine Science and Technology Center, Japan
 JP/JAMSTEC/ES > Earth Simulator, Japan Marine Science and Technology Center, Japan
 JP/JAMSTEC/FRSGC > Fronteir Research System for Global Change, Japan Marine Science and Technology Center, Japan
 JP/JAMSTEC/TRITON > TRITON Office, Japan Marine Science and Technology Center, Japan
 JP/JAXA/EOC > Earth Observation Center, Japan Aerospace Exploration Agency, Japan
 JP/JAXA/EORC > Earth Observation Research Center, Japan Aerospace Exploration Agency, Japan
 JP/JAXA/EORC/GLACE > Global Atmospheric Chemistry Experiment, Earth Observation Research Center, Japan Aerospace Exploration Agency, Japan
 JP/JAXA/ISAS > Institute for Space and Astronautical Sciences, Japan Aerospace Exploration Agency, Japan
 JP/JMA > Japan Meteorological Agency, Japan
 JP/JMA/MRI > Meteorological Research Institute, Japan Meteorological Agency, Japan
 JP/JMA/OAO > Office of Antarctic Observations, Japan Meteorological Agency, Japan
 JP/JODC > Japan Oceanographic Data Center
 JP/JWA/MIC > Meteorological Information Center, Japan Weather Association, Japan
 JP/KERC > Kanagawa Environmental Research Center, Japan
 JP/KOPFES > Kochi Prefectural Fisheries Experimental Station, Japan
 JP/KPFES > Kanagawa Prefectural Fisheries Research Institute, Japan
 JP/MERI > Marine Ecology Research Institute, Japan
 JP/METI/AIST > National Institute of Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan
 JP/METI/AIST/KNIRI > Kyushu National Industrial Research Institute, Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan
 JP/METI/AIST/NIRIN > National Industrial Research Institute of Nagoya, Advanced Industrial Science and Technology, Ministry of Economy, Trade, and Industry, Japan
 JP/MEXT/NIPR > National Institute of Polar Research, Ministry of Education, Science, Sports and Culture, Japan
 JP/NAO > National Astronomical Observatory, Japan
 JP/NARO/NIFTS > National Institute of Fruit Tree Science, National Agricultural Research Organization, Japan
 JP/NIED > National Research Institute for Earth Science and Disaster Prevention, Japan
 JP/NIES/CGER > Center for Global Environmental Research, National Institute for Environmental Studies, Japan
 JP/NIRS > National Institute of Radiological Sciences, Japan
 JP/PWRI > Public Works Research Institute, Ministry of Construction, Japan
 JP/RESTEC > Remote Sensing Technology Center, Japan
 JP/RIKEN/IPCR > The Institute of Physical and Chemical Research, RIKEN, Japan
 JP/SM/IPH > Institute of Public Health, Sendai Municipal, Japan
 KAGO-U/CHEM-ENG > Department of Applied Chemistry Chemical Engineering, Kagoshima University
 KANAZAWA-U/GSNST > Graduate School of Natural Science and Technology, Kanazawa University
 KCLUL/GEOG > Department of Geography, King's College London, University of London
 KDE-APPS > KDE-APPS
 KILLI-DATA > Killi-Data Online
 KINKI-U/AERI > Atomic Energy Research Institute, Kinki University
 KKWDK > kk+w digitale kartografie
 KNB > Knowledge Network for Biocomplexity
 KOBE-UC/BIO > Department of Biology, Kobe University of Commerce
 KOSMOS > Kosmos Z & K
 KR/KISTI > Korea Institute of Science and Technology Information, Republic of Korea
 KR/KOPRI > Korea Polar Research Institute, Republic of Korea
 KR/KORDI > Korea Ocean Research and Development Institute, Republic of Korea
 KR/MMAF/NFRDI/KODC > Korean Oceanographic Data Center, National Fisheries Research and Development Institute, Ministry of Marine Affairs and Fisheries, Republic of Korea
 KS/GS > Geological Survey, Kansas
 KSAT > Kongsberg Satellite Services
 KSU/AES > Agricultural Experiment Station, Kansas State University
 KSU/CA/AGRON > Agronomy Department, College of Agriculture, Kansas State University
 KSU/GEOLOGY > Department of Geology, Kent State University
 KSU/VARC > Virtual Alfalfa Research Center, Kansas State University
 KTOKAI-U/ENGIN > Department of Engineering, Kyushu Tokai University
 KU-LEUNVEN/DLM/LFNLR > Laboratory for Forest, Nature and Landscape Research, Department of Land Management, Katholieke Universiteit Leuven
 KWARE - GS > KWARE - Geological Software
 KWI > Kitware, Inc
 KY/DFWR > Department of Wildlife Resources, Kentucky
 KY/GOT/KLC > Kentucky Landscape Census, Governor's Office for Technology, Kentucky
 KY/NREPC/GIS > GIS Department, Natural Resources & Environmental Protection Cabinet, Kentucky
 KYUSHU-U/FA/EL > Entomological Laboratory, Faculty of Agriculture, Kyushu University
 KYUSHU-U/FE/DUEE > Department of Urban and Environmental Engineering, Faculty of Engineering, Kyushu University
 L-3 COM/TG > Titan Group, L-3 Communications
 LA/DWF/MFD > Marine Fisheries Division, Department of Wildlife and Fisheries, Louisiana
 LANCASTER-U/ESD > Environmental Science Department, Lancaster University
 LANCASTER-U/GEOG/CEMP > Centre for Environmental Magnetism and Palaeomagnetism, Geography Department, Lancaster University
 LAT/LON > lat/lon
 LAVAL/BIO > Department of Biology, Laval University



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

LB > U.S. Legislative Branch
 LB/LC/MC > Map Collections, Library of Congress, U.S. Legislative Branch
 LB/PO > Government Printing Office, U.S. Legislative Branch
 LCPO > Lake Champlain Program
 LEICESTER-U/GEOG > Department of Geography, Leicester University
 LGI > Linnet Geomatics International, Inc.
 LI > Luna Imaging, Inc
 LISRC > Long Island Sound Resource Center
 LM/ATC/LMSAL > Lockheed Martin Solar and Astrophysics Laboratory, Advanced Technology Center, Lockheed Martin
 LMER/CRETM/UW > University of Washington, Columbia River Estuarine Turbidity Maximum Project
 LMER/CRRL > Columbia River Research Laboratory, LMER
 LOF > Living Oceans Foundation
 LP DAAC > Land Processes Distributed Active Archive Center
 LSC/METEO > Meteorology Department, Lyndon State College
 LSU/AG-C > Agricultural Center, Louisiana State University
 LSU/CSPHIH > Center for the Study of Public Health Impacts of Hurricanes, Louisiana State University
 LSU/DGA > Department of Geography and Anthropology, Louisiana State University
 LSU/ESL > Earth Scan Laboratory, Louisiana State University
 LSU/GEOG > Department of Geology and Geophysics, Louisiana State University
 LSU/GEOG/OASIC > Oxy-Anion Stable Isotope Center, Department of Geology and Geophysics, Louisiana State University
 LSU/LMNH/NATSCI > Museum of Natural Science, Louisiana Museum of Natural History, Louisiana State University
 LSU/WHOCC > World Health Organization Collaborating Center for Remote Sensing & Geographic Information Systems for Public Health, Louisiana State University
 LTER > Long-Term Ecological Research Network Office
 LTER/AND > H.J. Andrews Experimental Forest, Long-Term Ecological Research Network Office
 LTER/ARC > Arctic Tundra, Long-Term Ecological Research Network Office
 LTER/BES > Baltimore Ecosystem Study, Long-Term Ecological Research Network Office
 LTER/BNZ > Bonanza Creek, Long-Term Ecological Research Network Office
 LTER/CAP > Central Arizona Phoenix, Long-Term Ecological Research Network Office
 LTER/CDR > Cedar Creek Natural History Area, Long-Term Ecological Research Network Office
 LTER/CWT > Coweeta Hydrologic Laboratory, Long-Term Ecological Research Network Office
 LTER/FCE > Florida Coastal Everglades, Long-Term Ecological Research Network Office
 LTER/GCE > Georgia Coastal Ecosystems, Long-Term Ecological Research Network Office
 LTER/HBR > Hubbard Brook Experimental Forest, Long-Term Ecological Research Network Office
 LTER/HFR > Harvard Forest, Long-Term Ecological Research Network Office
 LTER/JRN > Jornada Basin, Long-Term Ecological Research Network Office
 LTER/KBS > Kellogg Biological Station, Long-Term Ecological Research Network Office
 LTER/KNZ > Konza Prairie, Long-Term Ecological Research Network Office
 LTER/LUQ > Luquillo Experimental Forest, Long-Term Ecological Research Network Office
 LTER/MCM > McMurdo Dry Valleys, Long-Term Ecological Research Network Office
 LTER/NTL > North Temperate Lakes, Long-Term Ecological Research Network Office
 LTER/NWT > Niwot Ridge, Long-Term Ecological Research Network Office
 LTER/PAL > Palmer Research Station, Long Term Ecological Research Program
 LTER/PIE > Plum Island Ecosystem, Long-Term Ecological Research Network Office
 LTER/VCR > Virginia Coast Reserve, Long-Term Ecological Research Network Office
 LTG > Lithuanian Geological Survey
 MA/CZM > Massachusetts Office of Coastal Zone Management
 MA/DFW/NHESP > Natural Heritage and Endangered Species Program, Massachusetts Division of Fisheries and Wildlife
 MA/DFW/NHESP/BBTRP > Buzzard's Bay Tern Restoration Project, Natural Heritage & Endangered Species Program, Division of Fisheries & Wildlife, Massachusetts
 MA/DFWELE/DMF > Massachusetts Division of Marine Fisheries, Department of Fish and Game
 MA/DPH > Massachusetts Department of Public Health
 MA/MWRA > Massachusetts Water Resources Authority, Massachusetts
 MACLAREN > MacLaren Plansearch Ltd/SNC/Lavalin Inc
 MAPUFACTURE > Mapufacture
 MAPWINDOW > MapWindow
 MARTEC > Martec, Ltd
 MARTINDALE > Martindale Center
 MAST > Mountain Area Safety Taskforce
 MBARI > Monterey Bay Aquarium Research Institute
 MBG > Missouri Botanical Garden
 MBL > MacMillan Bloedel Limite
 MCPS/EBSP > Event-Based Science Project, Montgomery County Public Schools
 MD/BC/DEPRM > Department of Environmental Protection and Resource Management, Baltimore County, Maryland
 MD/DNR > Department of Natural Resources, Maryland
 MD/DNR/FISH > Fisheries Service, Department of Natural Resources, Maryland
 MD/DNR/GISD > Geographic Information Services Division, Department of Natural Resources, Maryland
 MD/DNR/MERLIN > Maryland Environmental Resources & Land Information Network, Department of Natural Resources, Maryland
 MD/DNR/WHD > Wildlife and Heritage Division, Department of Natural Resources, Maryland
 MD/DOE > Department of the Environment, Maryland
 MD/GS > Geological Survey, Maryland
 MDA/GSI > Geospatial Services International, MacDonald, Dettwiler and Associates Ltd.
 MDIWQC > Mount Desert Island Water Quality Coalition
 ME/CLIM > State Climate Office, Maine
 ME/DEP/AIR > Bureau of Air Quality, Department of Environmental Protection, Maine



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

ME/DEP/BLWQ > Bureau of Land and Water Quality, Department of Environmental Protection, Maine
 ME/DMR > Department of Marine Resources, Maine
 ME/IFW > Maine Department of Inland Fish and Wildlife
 MEDIAS FRANCE > Mediterranean Basin and Subtropical Africa Network
 MEIJI/SSE > School of Science and Engineering, Meiji University
 MERI > Marine Environmental Research Institute
 METACARTA > MetaCarta
 MEZOGIS > mezoGIS
 MG/CNRE > Centre National de Recherche sur l'Environnement, Madagascar
 MG/ONE > Office National pour L'Environnement, Madagascar
 MIDD-C/GEOL > Department of Geology, Middlebury College
 MII > MicroImages, Inc.
 MILLERSV/METEO > Meteorology Department, Millersville University
 MIT/CSR/SPG > Space Plasma Group, Center for Space Research, Massachusetts Institute of Technology
 MIT/DUSP > Department of Urban Studies and Planning, Massachusetts Institute of Technology
 MIT/DUSP/CRN > Computer Resource Network, Department of Urban Studies, Massachusetts Institute of Technology
 MIT/EAPS/PAOC/CMi > Climate Modeling Initiative, Program in Atmospheres, Oceans, & Climate, Department of Earth, Atmospheric & Planetary Sciences, Massachusetts Institute of Technology
 MIT/JPSPGC > Joint Program on the Science and Policy of Global Change, Massachusetts Institute of Technology
 MIT/SPG > Space Plasma Group, Massachusetts Institute of Technology
 MLML > Moss Landing Marine Laboratories
 MMU/DEGS/CATE > Centre for Air Transport & the Environment, Department of Environmental and Geographical Sciences, Manchester Metropolitan University
 MN/CLIM > Climatology Working Group, Minnesota
 MN/DNR > Department of Natural Resources, Minnesota
 MN/DNR/GIS > Geographic Information Systems, Department of Natural Resources, Minnesota
 MN/DOA/OGDA/LMIC > Land Management Information Center, Office of Geographic and Demographic Analysis, Department of Administration, Minnesota
 MN/OP > Office of Planning, Minnesota
 MO/D-CON/NATURE > Nature Section, Department of Conservation, Missouri
 MONTCLAIR/EES > Department of Earth & Environmental Studies, Montclair State University
 MOTE > Mote Marine Laboratory
 MPI-BGC > Max Planck Institute for Biogeochemistry
 MPI-CH/ACD > Atmospheric Chemistry Division, Max Planck Institute for Chemistry
 MPI-CH/GEOCHEM > Geochemistry Division, Max Planck Institute for Chemistry
 MPI-M > Max Planck Institute for Meteorology
 MPI-M/MAD > Model and Data Group, Max Planck Institute for Meteorology
 MS > Microsoft Corporation
 MSC > Magee Scientific Company
 MSI > Mentor Software, Inc.
 MSU/CGCEO/TRFIC > Tropical Rain Forest Information Center, Center for Global Change and Earth Observations, Michigan State University
 MSU/CGCEO/TRFIC/LANDSAT > Landsat, Tropical Rain Forest Information Center, Center for Global Change and Earth Observations, Michigan State University
 MSU/ECOL > Department of Ecology, Montana State University
 MSU/ENTO > Department of Entomology, Michigan State University
 MSU/GEOLOGY > Department of Geological Sciences, Michigan State University
 MSU/IWR/RUSLE > Revised Universal Soil Loss Equation, Institute of Water Research, Michigan State University
 MT-STATE/BSI > Big Sky Institute, Montana State University
 MT-STATE/ECOL > Department of Ecology, Montana State University
 MT-STATE/ECOL/ESG > Environmental Statistics Group, Department of Ecology, Montana State University
 MT/FWP > Fish and Wildlife and Parks, Montana
 MT/MSL/NRIS/GIS > GIS, Natural Resource Information System, Montana State Library, Montana
 MUOHIO/GEOG > Department of Geography, Miami University, Ohio
 MWD > Meridian World Data
 MWN > Mount Washington Observatory
 MX/CICESE > Centro de Investigacion Cientifica y de Educacion Superior de Ensenada, Mexico
 MX/CONABIO > CONABIO, Mexico
 MY/MARC > MALAYSIAN ANTARCTIC RESEARCH PROGRAM
 NA/NAS > National Academy of Science, National Academies
 NA/NATMIRC > Ministry of Fisheries and Marine Resources, Namibia
 NAAEE > North American Association for Environmental Education
 NAB > National Aquarium in Baltimore
 NAGOYA-U/RCAEC > Research Center for Advanced Energy Conversion, Nagoya University
 NAGOYA-U/STELAB > Solar-Terrestrial Environment Laboratory, Nagoya University
 NARA > National Archives and Records Administration
 NASA > National Aeronautics and Space Administration
 NASA/ARC/AE > Aerospace Encounter, Ames Research Center, NASA
 NASA/ARC/ESD/SGE > Ecosystem Science and Technology Branch, Earth Sciences Division, Ames Research Center, NASA
 NASA/ARC/ESE/ESPO > Earth Science Project Office, Earth Science Enterprise, Ames Research Center, NASA
 NASA/ARC/LT > Learning Technologies, Ames Research Center, NASA
 NASA/ARC/LT/WW > World Wind, Learning Technologies, Ames Research Center, NASA
 NASA/ARC/MAS > MODIS Airborne Simulator Development Team, Ames Research Center, NASA
 NASA/ARC/OSS > Open Source Software, Ames Research Center, NASA
 NASA/ARC/SOFIA/EPO > Education and Public Outreach, Stratospheric Observatory for Infrared Astronomy, Ames Research Center, NASA
 NASA/EDU/CORE > Central Operation of Resources for Educators, Education Division, NASA
 NASA/EDU/SL > Space Link, Education Division, NASA
 NASA/EDU/SL/ERCN > Educator Resource Center Network, Space Link, Education Division, NASA
 NASA/GSFC/AAAB > Advanced Architecture and Automation Branch, Goddard Space Flight Center, NASA



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NASA/GSFC/EOS/CARSTAD > Center for Airborne Remote Sensing and Technology and Applications Development, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/EO > Earth Observatory, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/EOSDIS/EMD > Maintenance and Development, Earth Observing System Data and Information System, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/ESDIS > Earth Science Data and Information System Project, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/ESDIS/ECHO > EOS ClearingHouse, Earth Science Data and Information Systems, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/ESDIS/EDG > EOS Data Gateway, Earth Science Data and Information Systems, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/ESDIS/NEO > NASA Earth Observations, Earth Science Data and Information System Project, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/PO > Program Office, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/EOS/WMP > Water Management Project Office, Earth Observing System, Goddard Space Flight Center, NASA

NASA/GSFC/GIO > Geospatial Interoperability Office, Goddard Space Flight Center, NASA

NASA/GSFC/ODPS > Ocean Discipline Processing System, Goddard Space Flight Center, NASA

NASA/GSFC/OSS > Open Source Software, Goddard Space Flight Center, NASA

NASA/GSFC/SECPO/LWS/EPO > Education and Public Outreach, Living With a Star, Sun Earth Connection Program Office, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ASD/APL > Astroparticle Physics Laboratory Astrophysics Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD > Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/ED > Earth Science Educator, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/GCMD > Global Change Master Directory, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/GESDISC > Goddard Earth Sciences Data and Information Services Center (formerly Goddard DAAC), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/GESDISC/ACDISC > Atmospheric Composition Data Center, Goddard Earth Sciences Data and Information Services Center, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/GESDISC/ATMODYN > Atmospheric Dynamics, Goddard Earth Sciences Data and Information Services Center (formerly Goddard DAAC), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/GESDISC/HDISC > Hydrology DISC, Goddard Earth Sciences Data and Information Services Center, Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GCDC/OBPG > Ocean Biology Processing Group (OBPG), Global Change Data Center, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GISS > Goddard Institute for Space Studies, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GMAO > Global Modeling and Assimilation, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/GMAO/LDAS > Land Data Assimilation System, Global Modeling and Assimilation Office, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BISB/LAADS > L1 and Atmosphere Archive and Distribution System, Biospheric Information Systems Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BISB/MODAPS > MODIS Adaptive Processing System, Biospheric Information Systems Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BSB > Biospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/BSB/FED > Forest Ecosystem Dynamics Project, Biospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/CSB > Cryospheric Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/HSB > Hydrological Sciences Branch, Hydrospheric and Biospheric Sciences Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/EO > Education and Outreach, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/LTDR > Land Long Term Data Record, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/MODIS-LAND-QA > MODIS Land Quality Assessment, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/HBSL/TIS/MODIS-RRS > MODIS Rapid Response System, Terrestrial Information Systems, Hydrospheric and Biospheric Science Laboratory, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/ACDB > Atmospheric Chemistry and Dynamics Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/CRB > Climate and Radiation Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/CRB/MST/MA > MODIS-Atmosphere, MODIS Science Team, Climate and Radiation Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/MAP/TRMM > Tropical Rainfall Measuring Mission, Mesoscale Atmospheric Processes, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LA/MAPB > Mesoscale Atmospheric Processes Branch, Laboratory for Atmospheres, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LANDSAT > Landsat, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LANDSAT/ED > Education, Landsat, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/LSSP/GP/EDB > Electrodynamics Branch, Geospace Physics, Laboratory for Solar and Space Physics, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA

NASA/GSFC/SED/ESD/NDRD > Natural Disaster Reference Database, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NASA/GSFC/SED/ESD/SIVO > Software Integration & Visualization Office, Earth Sciences Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/GPL/CCMC > Community Coordinated Modeling Center, Geospace Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/GPL/PWG > Polar, Wind, Geotail Project, Geospace Physics Lab, Laboratory for Solar and Space Physics, Heliophysics Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/HPL/SPDF > Space Physics Data Facility, Heliospheric Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/SPL/RHESSI > Reuven Ramaty High Energy Solar Spectroscopic Imager, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/SPL/SDAC > Solar Data Analysis Center, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/SPL/SOHO > Solar and Heliospheric Observatory, Solar Physics Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SED/HSD/SWL/SECEF > Sun-Earth Connection Education Forum, Space Weather Lab, Heliospheric Science Division, Science and Exploration Directorate, Goddard Space Flight Center, NASA
 NASA/GSFC/SSDOO/NSSDC > National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA
 NASA/GSFC/SSDOO/NSSDC/ISC > IMAGE Science Center, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA
 NASA/GSFC/SSDOO/NSSDC/RJP > Radio JOVE Project, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA
 NASA/GSFC/SSDOO/NSSDC/SSC > Satellite Situation Center, National Space Science Data Center, Space Science Data Operation Office, Goddard Space Flight Center, NASA
 NASA/GSFC/SSD/CDDIS > Crustal Dynamics Data Information System, Solar System Exploration Division, Goddard Space Flight Center, NASA
 NASA/GSFC/SSD/PGL > Planetary Geodynamics Laboratory, Solar Systems Exploration Division, Goddard Space Flight Center, NASA
 NASA/GSFC/SVS > Scientific Visualization Studio, Goddard Space Flight Center, NASA
 NASA/GSFC/WFF/HBSL/OS/OSB > Observational Science Branch, Ocean Science, Hydrospheric and Biospheric Sciences Laboratory, Wallops Flight Facility, Goddard Space Flight Center, NASA
 NASA/HQ/LOE > Life on Earth, Head Quarters, National Aeronautics and Space Administration
 NASA/JPL/AIRS > Atmospheric Infrared Sounder, Jet Propulsion Laboratory, NASA
 NASA/JPL/AIRSEA > Air - Sea Interaction & Climate, Jet Propulsion Laboratory, NASA
 NASA/JPL/ASTER > ASTER, JET PROPULSION LABORATORY, NASA
 NASA/JPL/ATMOS > Atmospheric Trace Molecule Spectroscopy Experiment, Jet Propulsion Laboratory, NASA
 NASA/JPL/AVIRIS > Airborne Visible Infrared Imaging Spectrometer Data Facility, Jet Propulsion Laboratory, NASA
 NASA/JPL/GENESIS > GPS Environmental and Earth Science Information System, Jet Propulsion Laboratory, NASA
 NASA/JPL/MISR > Multi-angle Imaging SpectroRadiometer Team, Jet Propulsion Laboratory, NASA
 NASA/JPL/OCEANESIP > Ocean ESIP, Jet Propulsion Laboratory, NASA
 NASA/JPL/ONEARTH > OnEarth, Jet Propulsion Laboratory, NASA
 NASA/JPL/PDS-GEOSCIENCES NODE > Planetary Data System Geosciences Node, Jet Propulsion Laboratory, NASA
 NASA/JPL/PODAAC > Physical Oceanography Distributed Active Archive Center, Jet Propulsion Laboratory, NASA
 NASA/JPL/PODAAC/NEREIDS > Near-Real-Time Image Distribution Server, Physical Oceanography Distributed Active Archive Center, Jet Propulsion Laboratory, NASA
 NASA/JPL/PUMAS > Practical Uses of Math And Science, Jet Propulsion Laboratory, NASA
 NASA/JPL/QUIKSCAT > QUIKSCAT, JET PROPULSION LABORATORY, NASA
 NASA/JPL/RDC > Radar Data and Outreach Center, Jet Propulsion Laboratory, NASA
 NASA/JPL/SCIJINKS > SciJinks Weather Laboratory, Jet Propulsion Laboratory, NASA
 NASA/JPL/SESPD/ACRP > Atmospheric Chemistry Research Program, Space and Earth Science Programs Directorate, Jet Propulsion Laboratory, NASA
 NASA/JPL/SRTM > Shuttle Radar Topography Mission Project Office, Jet Propulsion Laboratory, NASA
 NASA/JPL/TPJOT > TOPEX/Poseidon and Jason-1 Outreach Team, Jet Propulsion Laboratory, NASA
 NASA/JPL/TRFIC > Tropical Rain Forest Information Center, Jet Propulsion Laboratory, NASA
 NASA/JSC/EOL > Earth Sciences and Image Analysis, Johnson Space Center, NASA
 NASA/LARC/SD/ASC > Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA
 NASA/LARC/SD/ASC/SABER > SABER Science Team, Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA
 NASA/LARC/SD/ASC/TCIDC > Tropospheric Chemistry Integrated Data Center, Atmospheric Sciences Competency, Science Directorate, Langley Research Center, NASA
 NASA/LARC/SD/ASDC > Atmospheric Science Data Center, Science Directorate, Langley Research Center, NASA
 NASA/LARC/SD/ASDC/MND > MY NASA DATA, Atmospheric Sciences Data Center, Science Directorate, Langley Research Center, NASA
 NASA/LARC/SD/LARC_DAAC > Langley Research Center Distributed Active Archive Center, Science Directorate, Langley Research Center, NASA
 NASA/MSFC/GHCC > Global Hydrology and Climate Center, Marshall Space Flight Center, NASA
 NASA/MSFC/GHCC/LAER > Lightning and Atmospheric Electricity Research, Global Hydrology and Climate Center, Marshall Space Flight Center, NASA
 NASA/MSFC/GHRC > Global Hydrology Resource Center, Marshall Space Flight Center, NASA
 NASA/MSFC/GHRC/DISCOVER > Distributed Information Services for Climate and Ocean Products and Visualizations for Earth Research/Global Hydrology Resource Center, Marshall Space Flight Center, NASA
 NASA/MSFC/LIFTOFF > Liftoff, Marshall Space Flight Center, NASA
 NASA/MSFC/NSSTC > National Space Science and Technology Center, Marshall Space Flight Center, NASA
 NASA/MSFC/SEE > Space Environments and Effects Program, Marshall Space Flight Center, NASA
 NASA/MSFC/SPB > Solar Physics Branch, Marshall Space Flight Center, NASA
 NASA/MSFC/SWC > SpaceWeather.com, Marshall Space Flight Center, NASA
 NASA/SSC/ASD > Applied Sciences Directorate, Stennis Space Center, NASA
 NASA/SSC/OED > Office of Education, Stennis Space Center, NASA
 NATURESERVE-CA > NatureServe, Canada
 NATURESERVE-USA > NatureServe, United States
 NATUUR > Natuur and Techniek
 NAU/GEOL > Department of Geology, Northern Arizona University
 NBC/MSNBC > Microsoft NBC, National Broadcast Company



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NC-STATE/BAED/WQG > Water Quality Group, Biological and Agricultural Engineering Department, North Carolina State University
 NC-STATE/BASIC/NC GAP > NC Gap Analysis Project, Biological and Spatial Information Center, North Carolina State University
 NC-STATE/BOT > Botany Department, North Carolina State University
 NC-STATE/MEAS > Department of Marine Earth and Atmospheric Sciences, North Carolina State University
 NC-STATE/SOIL > Soil Science Department, North Carolina State University
 NC/BG/BONAP > Biota of North America Program, Botanical Garden, North Carolina
 NC/CGIA > Center for Geographic Information and Analysis, North Carolina
 NC/DACS > Department of Agriculture and Consumer Services, North Carolina
 NC/NCSU/CLIM > State Climate Office, North Carolina State University, North Carolina
 NCCR CLIMATE > National Centre for Competence in Research on Climate
 NCGR > National Center for Genome Research
 NCSE > National Council for Science and the Environment
 ND-STATE/COLAG/SOIL > Department of Soil Science, College of Agriculture, North Dakota State University
 ND-STATE/PLANT > Department of Plant Science, North Dakota State University
 NE-R/IEC > Interstate Environmental Commission
 NE-R/NRCC > Northeast Regional Climate Center
 NERSC > Nansen Environmental and Remote Sensing Centre
 NEWHAVEN/BES > Department of Biology and Environmental Science, University of New Haven
 NEWTEL > Newtel Communications Inc.
 NFPA/FW > Firewise, National Fire Protection Association
 NGS > National Geographic Society
 NH/CLIM > State Climate Office, New Hampshire
 NH/DES > Department of Environmental Services, New Hampshire
 NH/DES/WD/WMB > Watershed Management Bureau, Water Division, Department of Environmental Sciences, New Hampshire
 NH/FG > New Hampshire Fish and Game Department
 NHML > THE NATURAL HISTORY MUSEUM, LONDON
 NI/MARENA > Ministerio del Ambiente y Recursos Naturales (Ministry of the Atmosphere and Natural Resources), Nicaragua
 NIBS > National Institute of Building Sciences
 NIFC/NICC > National Interagency Coordination Center, National Interagency Fire Center
 NIHON-U/HS/GEOSYS > Department of Geosystem Sciences, Humanities and Sciences, Nihon University
 NIL-U/ GEOG > Department of Geography, Northern Illinois University
 NIL-U/GEOL > Geology and Environmental Geosciences, Northern Illinois University
 NILU > Norwegian Institute for Air Research
 NITG > The Netherlands Institute of Applied Geoscience
 NJ/CLIM > State Climatologist, New Jersey
 NJ/DEP/FGW > Division of Fish and Wildlife, Department of Environmental Protection, New Jersey
 NJIT/BBSO > Big Bear Solar Observatory, New Jersey Institute of Technology
 NJIT/MATHSCI/BIP > Division of Biological Sciences, Department of Mathematical Sciences, New Jersey Institute of Technology
 NKI/NITH-OSLO > The Norwegian School of Information Technology (NITH) at Oslo, Norway
 NL/EPROVINCIES > EProvincies, Netherlands
 NL/KNMI > Royal Netherlands Meteorological Institute, Netherlands
 NL/MECS/ITC > International Institute for Geo-Information Science and Earth Observation, Ministry of Education, Culture and Science, Netherlands
 NL/MNP > Netherlands Environmental Assessment Agency
 NL/NIOO-KNAW/CEMO > Centre for Estuarine and Coastal Ecology, Netherlands Institute of Ecology, Royal Netherlands Academy of Arts and Sciences, Netherlands
 NL/NWO/NIOZ > Netherlands Institute for Sea Research, Netherlands Organization for Scientific Research, Netherlands
 NL/NWO/NIOZ/NADC > National Antarctic Data Centre, Netherlands Institute for Sea Research, Netherlands Organization for Scientific Research, Netherlands
 NL/RIVM > National Institute of Public Health and the Environment, Netherlands
 NL/RWS-RIKZ > Rijksinstituut voor Kust en Zee (Institute for Marine and Coastal Management), Netherlands
 NL/SRON > Space Research Organization Netherlands
 NM-STATE/CAHE/AEAB > Agricultural Economics and Agricultural Business, College of Agriculture and Home Economics, New Mexico State University
 NM-STATE/CAHE/AGHORT > Agronomy & Horticulture, College of Agriculture and Home Economics, New Mexico State University
 NM-STATE/CE/CAGE > Civil and Geological Engineering Department, College of Engineering, New Mexico State University
 NM-STATE/WRRI > Water Resources Research Institute, New Mexico State University
 NM/BM/NMGR/AL > Argon Lab, Geochronology Research Laboratory, Bureau of Mines, New Mexico
 NMTECH/EES > Department of Earth and Environmental Science, New Mexico Institute of Mining and Technology
 NMTECH/EES/MEVO > Mount Erebus Volcano Observatory, Earth and Environmental Science Department, New Mexico Institute of Mining and Technology
 NO/IMR > Institute of Marine Research, Bergen, Norway
 NO/MER/MET > Norwegian Meteorological Institute, Ministry of Education and Research, Norway
 NO/MF/IMR > Institute of Marine Research, Ministry of Fisheries, Norway
 NO/NMDC/IMR > Institute of Marine Research, Norwegian Marine Data Centre, Norway
 NO/NPCA/SOE > State of the Environment, Norwegian Pollution Control Authority, Norway
 NO/NPI > Norwegian Polar Institute, Norway
 NOAA > National Oceanic & Atmospheric Administration
 NOPP > National Oceanographic Partnership Program
 NOPP/ECCO > Estimating the Circulation and Climate of the Ocean, National Oceanographic Partnership Program
 NOVELL > Novell
 NP/DMG > Department of Mines & Geology, Nepal
 NPG > Nature Publishing Group
 NSF > National Science Foundation
 NSIDC > National Snow and Ice Data Center
 NSIDC_AGDC > NSIDC Antarctic Glaciological Data Center
 NSIDC_ARCSS > Arctic System Science Data Coordination Center
 NSIDC_DAAC > NSIDC Distributed Active Archive Center
 NSIDC_FGDC > Frozen Ground Data Center



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

NSIDC_NOAA > National Oceanic and Atmospheric Administration at the National Snow and Ice Data Center
 NSIDC_USADCC > NSIDC U.S. Antarctic Data Coordination Center
 NSO/GONG > Global Oscillation Network Group, National Solar Observatory
 NSO/KP > National Solar Observatories, Kitt Peak
 NSO/SP > National Solar Observatories, Sacramento Peak
 NTU/ATMO > Department of Atmospheric Science, National Taiwan University
 NTWARE > Win2000 Archives
 NUI/MRMSI/AB > AlgaeBase, Martin Ryan Marine Science Institute, National University of Ireland, Galway
 NWAISN > STREAMNET, Northwest Aquatic Information Network
 NWRA > Northwest Research Associates, Inc.
 NWSEED/WPM > Wind Power Maps, Northwest SEED
 NWU/SESP > School of Education and Social Policy, Northwestern University
 NY-NJ/HEP/DD > Data Depot, Harbor Estuary Program, New York-New Jersey
 NY/CLIM > State Climate Office, New York
 NY/DEC/BMR > Bureau of Marine Resources, Department of Environmental Conservation, New York
 NY/DEC/DFWMR/MARINE > Bureau of Marine Resources, Division of Fish, Wildlife and Marine Resources, Department of Environmental Conservation, New York
 NY/DH/WC > Wadsworth Center, Department of Health, New York
 NY/ED/NYSM > New York State Museum, Education Department, New York
 NY/NYPA > New York Power Authority
 NYU/CIMS/CAOS > Center for Atmosphere Ocean Science, Courant Institute of Mathematical Sciences, New York University
 NZ/GNS > Institute of Geological and Nuclear Sciences Ltd., New Zealand
 NZ/NIWA > National Institute of Water and Atmospheric Research Ltd, New Zealand
 NZ/NZAI/ANZ > Antarctica New Zealand, New Zealand Antarctic Institute, New Zealand
 OAU/AG/SOIL > Department of Soil Science, Faculty of Agriculture, Obafemi Awolowo University
 OBS-MIP > Observatoire Midi-Pyrenees, Universite Paul Sabatier, Toulouse III
 OCEANOR > Oceanographic Company of Norway AS
 OCF > Open Channel Foundation
 ODU/CCPO > Center for Coastal Physical Oceanography, Old Dominion University
 OGC > Open Geospatial Consortium
 OH-STATE/BPRC > Byrd Polar Research Center, The Ohio State University
 OH-STATE/BPRC/AGD > Antarctic Geologic Database, Byrd Polar Research Center, The Ohio State University
 OH-STATE/BPRC/PMG > Polar Meteorology Group, Byrd Polar Research Center, The Ohio State University
 OH-STATE/BPRC/RR > United States Polar Rock Repository, Byrd Polar Research Center, The Ohio State University
 OH-STATE/FABE > Food, Agriculture and Biological Engineering, The Ohio State University
 OH-STATE/GEOL > Department of Geological Sciences, The Ohio State University
 OH-STATE/LIB > University Libraries, The Ohio State University
 OH-STATE/SNR > School of Natural Resources, College of Food, Agriculture, and Environmental Sciences, The Ohio State University
 OH-STATE/STAT/SSS > Program in Spatial Statistics and Environmental Sciences, Department of Statistics, The Ohio State University
 OH-U/COM > College of Osteopathic Medicine, Ohio University
 OH/CLIM > State Climate Office, Ohio
 OITA/CHEM-ENG > Department of Applied Chemistry and Engineering, Oita University
 OK-STATE/ANSI > Department of Animal Sciences, Oklahoma State University
 OK-STATE/GEOG/OCGI > Oklahoma Center for Geospatial Information, Department of Geography, Oklahoma State University
 OK-STATE/SOILPHYSICS > Department of Plant and Soil Sciences, Oklahoma State University
 OK/OCS > Oklahoma Climatological Survey, Oklahoma
 OKAYAMA-MISASA/ISEI > Institute for Study of the Earth's Interior, Okayama University at Misasa
 OL > OCEANLINK
 OPENDAP > OPeNDAP Inc.
 OPENLAYERS > OpenLayers
 OPENU/BIO/DAPTF > Declining Amphibian Population Task Force, Department of Biological Sciences, Open University
 OPL > Oilfield Publications Limited
 OR-STATE/BG > Buoy Group, Oregon State University
 OR-STATE/BLG > Boundary Layer Group, Oregon State University
 OR-STATE/COAS > College of Oceanic and Atmospheric Sciences, Oregon State University
 OR-STATE/COF > College of Forestry, Oregon State University
 OR-STATE/CROP-SOIL > Department of Crop and Soil Science, Oregon State University
 OR-STATE/FOREST/FSL > Corvallis Forestry Research Community, Department of Forest Science, Oregon State University
 OR-STATE/FS > FOREST SCIENCE, OREGON STATE UNIVERSITY
 OR-STATE/GEO > Department of Geosciences, Oregon State University
 OR-STATE/GEO/TGL > Terra Cognita Laboratory, Department of Geosciences, Oregon State University
 OR-STATE/IPPC > Integrated Plant Protection Center, Oregon State University
 OR-STATE/LARSE > Laboratory for Applications of Remote Sensing in Ecology, Oregon State University
 OR-STATE/NACSE > Northwest Alliance for Computational Science & Engineering, Oregon State University
 OR-STATE/RSOO > Remote Sensing Ocean Optics, Oregon State University
 OR/CLIM > Oregon Climate Service, Oregon
 OR/DEQ > Department of Environmental Quality, Oregon
 OR/ODFW/NRIMP > Natural Resources Information Management Program, Oregon Department of Fish and Wildlife, Oregon
 ORNL_DAAC > Oak Ridge National Laboratory Distributed Active Archive Center
 ORTECH > Canadian ORTECH Environmental Inc.
 ORTECH/CGEIC > Canadian Global Emissions Interpretation Centre, Canadian ORTECH Environmental Inc.
 OSGEO > Open Source Geospatial Foundation
 OSSSI > Open Source Software Institute
 OU/CAPS > Center for Analysis and Prediction of Storms, University of Oklahoma
 OU/EVAC > Environmental Verification and Analysis Center, University of Oklahoma
 OXFORD/DPS > Department of Plant Sciences, University of Oxford



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

PA/CLIM > State Climatologist, Pennsylvania
 PA/DEP > Department of Environmental Protection, Pennsylvania
 PACINST > Pacific Institute for Studies in Development, Environment, and Security
 PACINST/WW > World's Water, Pacific Institute for Studies in Development, Environment, and Security
 PALEOMAP > PALEOMAP Project
 PAN > Pesticide Action Network
 PANGAEA > PANGAEA
 PANGAEA/CRP > Cape Roberts Project, PANGAEA
 PANGAEA/PKDB > International Paleoclimate Database, PANGAEA
 PAZ > PAZ Software
 PCCS > Provincetown Center for Coastal Studies
 PCIG > PCI Geomatics
 PDC > Pacific Disaster Center
 PDI > Plumb Designs Inc.
 PDX/GEOL > Department of Geology, Portland State University
 PDX/PHYSICS > Department of Physics, Portland State University
 PE > PalyEast
 PENNSTATE/AG/AERS > Agricultural Economics and Rural Sociology, College of Agriculture, Pennsylvania State University
 PENNSTATE/AG/SFR > School of Forest Resources, College of Agricultural Sciences, Pennsylvania State University
 PENNSTATE/EESI/CEI > Center for Environmental Informatics, Earth and Environmental Systems Institute, Pennsylvania State University
 PENNSTATE/EESI/SOILINFO > Soil Information For Environmental Modeling And Ecosystem Management, Earth and Environmental Systems Institute, Pennsylvania State University
 PENNSTATE/EMS/GEOG > Department of Geography, Earth and Mineral Science, Pennsylvania State University
 PENNSTATE/EMS/GEOSCI > Geoscience Department, Earth and Mineral Science, Pennsylvania State University
 PENNSTATE/EMS/MET > Meteorology Department, Earth and Mineral Sciences, Pennsylvania State University
 PGI > Polish Geological Institute
 PH/DOST/PCARRD > Philippine Council for Agriculture, Forestry and Natural Resources Research and Development, Department of Science and Technology, Philippines
 PHOTOSAT > PhotoSat Information Ltd.
 PIK > Potsdam Institute for Climate Impact Research
 PISCES > PISCES Conservation Ltd.
 PK/MST/NIO > National Institute of Oceanography, Ministry of Science and Technology, Pakistan
 PL/INC/PAS > Polish Academy of Sciences, Institute of Nature Conservation, Poland
 PLYMOUTH/WXCENTER > Weather Center, Plymouth State University
 PMIP > Paleoclimate Modelling Intercomparison Project
 PORTO/CSG > Computer Science Group, Porto University
 POTOMAC/ICPRB > Interstate Commission on the Potomac River Basin
 PRINCETON/AOS > Atmospheric and Oceanic Sciences, Princeton University
 PRINCETON/GEOS > Department of Geosciences, Princeton University
 PT/AG/IPIMAR > Instituto de Investigacao das Pescas e do Mar, Ministerio da Agricultura, Portugal
 PUJ/FEAR > Facultad de Estudios Ambientales y Rurales, Universidad Javeriana, Colombia
 PURDUE/AG/ABE > Department of Agricultural and Biological Engineering, School of Agriculture, Purdue University
 PURDUE/AG/AGRON > Department of Agronomy, School of Agriculture, Purdue University
 PURDUE/AG/AGRON/SOILS/MET > Applied Meteorology Group, Plant and Soils Lab, Department of Agronomy, School of Agriculture, Purdue University
 PURDUE/AGRON/LARS > Laboratory for Applications of Remote Sensing, Department of Agronomy, Purdue University
 PURDUE/CERIS/ENTM > Entomology Department, Center for Environmental and Regulatory Information Systems, Purdue University
 PURDUE/CERIS/NAPIS > National Agricultural Pest Information Service, Center for Environmental and Regulatory Information Systems, Purdue University
 PURDUE/ECE > Electrical and Computer Engineering, Purdue University
 PURDUE/EXTENSION > Purdue Extension, Purdue University
 PYTH/CS > Cheese Shop, Python
 QPAIS > Qualifying Professional Association, Institutions and Societies
 QUB/BB > Biology and Biochemistry Department, Queen's University, Belfast
 RAMAS > Ramas Ecological Software
 RC > RealClimate
 REEF > Reef Environmental Education Foundation
 REEF RELIEF > Reef Relief Organization
 REGENT > Regent Instruments Inc.
 RFF > Resources for the Future, Inc.
 RGI > Resource GIS and Imaging Ltd.
 RHODES/DZE > Department of Zoology and Entomology, Rhodes University
 RI/DEM/DFW > Division of Fish and Wildlife, Department of Environmental Management, Rhode Island
 RI/DOA > Department of Administration, Rhode Island
 RI/DOH > Department of Health, Rhode Island
 RICE/DES > Department of Earth Science, Rice University
 RICE/RIS > Rice Space Institute, Rice University
 RITI > Reading Information Technology, Inc.
 RMBO > Rocky Mountain Bird Observatory
 RPI/CS > Computer Science Department, Rensselaer Polytechnic Institute
 RR > Refractions Research
 RRES/BROOM > Broom's Barn, Rothamsted Research
 RRES/GCTE SOMNET > Global Change and Terrestrial Ecosystems Soil Organic Matter Network, Rothamsted Research
 RRES/GCTE SOMNET/EUROSOMNET > European Soil Organic Matter Network, Global Change and Terrestrial Ecosystems Soil Organic Matter Network, Rothamsted Research
 RRES/ROTH > Rothamsted, Rothamsted Research
 RS > Resurgent Software



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

Olsen, L.M., G. Major, K. Shein, J.Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C.Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

RSI > RADARSAT International
 RSINC > Research Systems Inc.
 RSS > Remote Sensing Systems
 RU/IRE/CPSSI > Center of Processing and Storing the Space Information, IRE RAS, Russia
 RU/PINRO > Polar Research Institute of Marine Fisheries and Oceanography, Russia
 RU/RAS/I-GEOG > Institute of Geography, Russian Academy of Sciences, Russia
 RU/RAS/IACP/SML > Satellite Monitoring Laboratory, Institute of Automation and Control Processes, Russian Academy of Sciences, Russia
 RU/RAS/ICMMG/NL > Novosibirsk Tsunami Laboratory, Institute of Computational Mathematics and Mathematical Geophysics, Russian Academy of Sciences, Russia
 RU/RAS/SCG > Scientific Centre for Geoecology, Russian Academy of Sciences, Russia
 RU/RAS/SIO > P.P. Shirshov Institute of Oceanology, Russian Academy of Sciences, Russia
 RU/RAS/ZIN > Zoological Institute, Russian Academy of Sciences, Russia
 RU/ROSHYDROMET/FERHRI > Far East Regional Hydrometeorological Research Institute, Russian Federal Service for Hydrometeorology and Environmental Monitoring, Russia
 RU/SRI/SMIS > Space Monitoring Information Support Laboratory, Space Research Institute, Russia
 RU/VNIRO > Russian Research Institute for Marine Fishing and Oceanography, Russia
 RUG/ARTIC > Arctic Centre, University of Groningen, The Netherlands
 RUG/BIO > Biology Department, University of Groningen, The Netherlands
 RUG/M-BIO > Department of Marine Biology, University of Groningen, The Netherlands
 RUTGERS/CC/CRSSA > Center for Remote Sensing and Spatial Analysis, Cook College, Rutgers University
 RUTGERS/CC/DES/GSMDB > Global Soil Moisture Data Bank, Department of Environmental Science, Cook College, Rutgers University
 RUTGERS/CC/HE > Human Ecology, Cook College, Rutgers University
 RUTGERS/CUPR > Center for Urban Policy Research, Rutgers University
 RUTGERS/IMCS > Institute of Marine and Coastal Sciences, Rutgers University
 RUTGERS/IMCS/COOL > Coastal Ocean Observation Lab, Institute of Marine and Coastal Sciences, Rutgers University
 RWI > RockWare, INC.
 SA > Sycamore Associates
 SA-INC > Sylvan Ascent Inc.
 SAHC > Southern Appalachian Highlands Conservancy
 SAHFOS > Sir Alister Hardy Foundation for Ocean Science
 SAIC > Science Applications International Corporation
 SAMAB > The Southern Appalachian Man and the Biosphere
 SANGIS > San Diego GIS
 SANI/ITA > Sani-International Technology Advisors Inc.
 SATOBSYS > Satellite Observing Systems
 SC/DNR/SERTC > Southeast Regional Taxonomic Center, Department of Natural Resources, South Carolina
 SC/DNR/WRD/SERCC > Southeast Regional Climate Center, Water Resources Division, Department of Natural Resources, South Carolina
 SC/EMD > Emergency Management Division, South Carolina
 SC/SFA > Seychelles Fishing Authority, Seychelles
 SCC-FL/PHYSSCI > Department of Physical Sciences, Seminole Community College
 SCCI > StormCenter Communications, Inc.
 SCES/RELM > Regional Earthquake Likelihood Models ,Southern California Earthquake Center
 SCIAM > Scientific American, Inc.
 SCIFISH > Scientific Fishery Systems Inc.
 SCO > Social Change Online
 SCRIPPS/C4 > Center for Clouds Chemistry and Climate, Scripps Institution of Oceanography
 SCRIPPS/CALSPACE > California Space Institute, Scripps Institution of Oceanography
 SCRIPPS/CALSPACE/AARC > Arctic & Antarctic Research Center, California Space Institute, Scripps Institution of Oceanography
 SCRIPPS/CCS > Center for Coastal Studies, Scripps Institution of Oceanography
 SCRIPPS/CMBB > Center for Marine Biotechnology and Biomedicine, Scripps Institution of Oceanography
 SCRIPPS/GEOSCI > Geosciences Research Division, Scripps Institution of Oceanography
 SCRIPPS/IGPP > Institution of Geophysics and Planetary Physics, Scripps Institution of Oceanography
 SCRIPPS/IGPP/VC > Visualization Center, Institution of Geophysics and Planetary Physics, Scripps Institution of Oceanography
 SCRIPPS/IOD/CDIP > Coastal Data Information Program, Integrative Oceanography Division, Scripps Institution of Oceanography
 SCRIPPS/JEDAC > Joint Environmental Data Analysis Center, Scripps Institution of Oceanography
 SCRIPPS/MARINE > Marine Physical Laboratory, Scripps Institution of Oceanography
 SCRIPPS/METEORA > Climate Research Division, Scripps Institution of Oceanography
 SCRIPPS/MLRG > Marine Life Research Group, Scripps Institution of Oceanography
 SCRIPPS/ODF > Oceanographic Data Facility, Scripps Institution of Oceanography
 SCRIPPS/PORD > Physical Oceanography Research Division, Scripps Institution of Oceanography
 SCRIPPS/SOPAC > Scripps Orbit and Permanent Array Center, Scripps Institution of Oceanography
 SCRIPPS/SSF > Satellite Facility, Scripps Institution of Oceanography
 SCSU/ESC > Department of Earth Sciences, Southern Connecticut State University
 SCSU/SETS/BIO > Department of Biological Sciences, School of Engineering Technology and Sciences, South Carolina State University
 SD-STATE/ABS/AES > Agricultural Experiment Station, College of Agriculture and Biological Sciences, South Dakota State University
 SD-STATE/SDSMT > School of Mines and Technology, South Dakota State University
 SDI/P > Pollen.com, Surveillance Data, Inc.
 SDSU/GEOINFO > Gateway of Geospatial Information Technology, San Diego State University
 SE/IRF-K/AFP > Atmospheric Research Programme, Swedish Institute of Space Physics in Kiruna, Sweden
 SE/ME/SMHI > Swedish Meteorological and Hydrological Institute, Ministry of the Environment , Sweden
 SE/SGU > Geological Survey of Sweden, Sweden
 SE/ST/SMNH > The Swedish Museum of Natural History, Stockhol, Sweden
 SEA-COOS > Southeast Atlantic Coastal Ocean Observing System
 SEDAC > Socioeconomic Data and Applications Center
 SEEDS > Seeds Foundation, Canada



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

SEI > Stockholm Environment Institute-Boston Center
 SEPM > Society for Sedimentary Geology
 SERV-GRID > Solid Earth Research Virtual Observatory Grid
 SFU-CA/GEOG > Geography Department, Simon Fraser University
 SI/GSS > Geophysical Survey of Slovenia, Slovenia
 SI/GVP > Global Volcanism Program, Smithsonian Institution
 SI/NMNH > National Museum of Natural History, Smithsonian Institution
 SI/NMNH/DSB/BOTANY > Botany Section, Department of Systematic Biology, National Museum of Natural History, Smithsonian Institution
 SI/NMNH/ENTO > Entomology Department, National Museum of Natural History, Smithsonian Institution
 SI/SERC > Smithsonian Environmental Research Center, Smithsonian Institution
 SI/STRI/MESP > Marine Environment Sciences Program, Smithsonian Tropical Research Institute, Smithsonian Institution
 SIDC > SETI Institute Data Center
 SII > Sirenian International, Inc.
 SINAUER > Sinauer Associates, Inc.
 SITEX > SiteX
 SIU-CARBONDALE/GEOL > Department of Geology, Southern Illinois University - Carbondale
 SIU/MICRO-BIO > Department of Microbiology, Southern Illinois University
 SKIO > Skidway Institute of Oceanography
 SLU/EAS > Earth and Atmospheric Sciences, Saint Louis University
 SLU/SOILS > Department of Soil Science, Swedish University of Agricultural Sciences
 SMLTD > Spatial Mapping Ltd.
 SMLTD/RESMAP > ResMap, Spatial Mapping Ltd.
 SMU/GEOL > Department of Geology, Saint Mary's University
 SOFTMAP > SoftMap Publishing Inc.
 SOFTREE > Softree Technical Systems Inc.
 SOL > SoL Energy
 SOS/ALLIANCE > Southern Oxidants Study Strategic Alliance
 SOURCEFORGE > SourceForge.net
 SP > Spatial Ecology
 SPOT/FR > SPOT Image Corporation, France
 SPOT/US > SPOT Image Corporation, US
 SPS > Space Research Software
 SR/SRCC > Southern Region Climate Center
 SRBC > Susquehanna River Basin Commission
 SRC > Syracuse Research Corporation
 SSC > Salem Sound Coastwatch
 SSC/ESRANGE > Esrange Satellite Station, Swedish Space Corporation
 SSC/SATELLITBILD > Satellitbild, Swedish Space Corporation
 SSI/SWC > Space Weather Center, Space Science Institute
 SSS > Silicon Spaceships
 SSSA > Soil Science Society of America
 ST-OLAF/CEGSIC > Center for Geophysical Studies of Ice and Climate, St. Olaf College
 STANFORD-U/CSSA/WSO > Wilcox Solar Observatory, Center for Space Science and Astrophysics, Stanford University
 STANFORD-U/IIS/CESP > Center for Environmental Science and Policy, Institute for International Studies, Stanford University
 STANFORD-U/JRBP/LSSFS > Leslie Shao-ming Sun Field Station, Jasper Ridge Biological Preserve, Stanford University
 STANFORD-U/SES/GES > Department of Geological and Environmental Sciences, School of Earth Sciences, Stanford University
 STANFORD-U/SES/MARVE > Marine Virtual Explorer, School of Earth Sciences, Stanford University
 STANFORD-U/SES/SCRF > Stanford Center for Reservoir Forecasting, School of Earth Sciences, Stanford University
 STANFORD-U/SHA > Stanford Helioseismology Archive, Stanford University
 STANFORD-U/STAR/VLF > Very Low Frequency Group, STARLab, Stanford University
 STD > Solar Terrestrial Dispatch
 STEVENS/CIESE > Center for Improved Engineering and Science Education, Stevens Institute of Technology
 STRATEGIES > Institute for Global Environmental Strategies
 SUNY-ALBANY/CAS/ATMOS > Department of Earth and Atmospheric Sciences, College of Arts and Sciences, State University of New York, Buffalo
 SUNY-BINGHAMTON/BIO > Department of Biological Sciences, State University of New York, Binghamton
 SUNY-BINGHAMTON/GCCF > GIS Campus Core Facility, State University of New York, Binghamton
 SUNY-BUFFALO/PHYS > Department of Physics, State University of New York, Buffalo
 SWRI > Southwest Research Institute
 SWRI/IDDS > IMAGE Data Delivery System, Southwest Research Institute
 SYRACUSE/ES > Department of Earth Sciences, Syracuse University
 SYRACUSE/ES/TGIGRG > Thermochronology, Geochronology, and Isotope Geochemistry Research Group, Department of Earth Sciences, Syracuse University
 TAC > Aerospace Corporation
 TAIR > The Arabidopsis Information Resource
 TAMU/BAEN > Biological & Agricultural Engineering, Texas A&M University
 TAMU/BAEN/DFS/SSL > Spatial Sciences Laboratory, Department of Forest Science, Biological & Agricultural Engineering, Texas A&M University
 TAMU/BWG > Bioinformatics Working Group, Texas A&M University
 TAMU/CGS/ODP > Ocean Drilling Program, College of Geosciences, Texas A&M University
 TAMU/ENTO > Department of Entomology, Texas A&M University
 TAMU/GERG > Geochemical & Environmental Research Group, Texas A&M University
 TAMU/OCEAN > Department of Oceanography, Texas A&M University
 TAMUCC/CVEP > Cabeza de Vaca Earthmobile Project, Texas A&M University-Corpus Christi
 TAMUCC/DNR > Division of Nearshore Research, Texas A&M University-Corpus Christi
 TATUKGIS > TatukGIS
 TCBB > The Coalition for Buzzards Bay
 TCS > The Climate Source, Inc.



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

TELEMOR > Telemorphic, Inc.
 TERC > TERC
 TGS > TEXAS GEOGRAPHIC SOCIETY
 TH/AIT/GIC > GeoInformatics Center, Asian Institute of Technology, Thailand
 TH/MSTE/GISTDA > Geo-Informatics and Space Technology Agency, Minister of Science, Technology and Environment, Thailand
 THE MIT PRESS > MIT Press
 TLC > The Lobster Conservancy
 TN/DEC > Department of Environment and Conservation, Tennessee
 TNC/GIS > GIS, The Nature Conservancy
 TNRI > Texas Natural Resources Information System
 TOLWEB > Tree of Life Web Project
 TOWSON-U/CGIS > Center for Geographic Information Sciences, Towson University
 TOWSON-U/CSM > College of Science and Mathematics, Towson University
 TQ > Think Quest
 TRENT/GEOG > Department of Geography, Trent University
 TRINET > TriNet
 TSC > Tropical Science Center
 TTRS > Tall Timbers Research Center
 TTU/MTTU/PALEO > Paleontology Division, Museum of Texas Tech University, Texas Tech University
 TU-BERLIN/IWAWI > Institut für Wasserbau und Wasserwirtschaft, Technical University of Berlin
 TUAT/FA/PF > Phytorn Facility, Faculty of Agriculture, Tokyo University of Agriculture and Technology
 TUFTS/TIE > Tufts Institute of the Environment, Tufts University
 TUFTS/VET/CCM > Center for Conservation Medicine, Tufts Cummings School of Veterinary Medicine, Tufts University
 TVA > Tennessee Valley Authority
 TVA/ERC > Environmental Research Center, Tennessee Valley Authority
 TWC > The Weather Channel
 TWS > The Wilderness Society
 TX/RRR > Railroad Commission, Texas
 TX/TCEQ/WQ > Water Quality Division, Texas Commission on Environmental Quality, Texas
 TZ/MEM/MRD > Mineral Resources Department, Ministry of Energy and Minerals, Tanzania
 U-ADELAIDE/GISCA > Geographic Information Systems Cooperative of Adelaide, University of Adelaide
 U-AMSTERDAM/IBED > Institute for Biodiversity and Ecosystem Dynamics, University of Amsterdam
 U-BERGEN/GEOG > Geography Department, University of Bergen
 U-BERN/PI/CEP > Climate and Environmental Physics, Physics Institute, University of Bern
 U-BOURGOGNE/CRC > Centre for Climatic Research, University of Bourgogne
 U-BREMEN/IUP > Institute of Environmental Physics and Remote Sensing, University of Bremen
 U-CADIZ/FA > Departamento Física Aplicada, Universidad de Cadiz
 U-CRANFIELD/SILSOE/NSRI > National Soil Resources Institute, University of Cranfield, Silsoe
 U-GÖTTINGEN/GEOG-INST/P-GEOG > Department of Physical Geography, Geographical Institute, University of Göttingen
 U-HELSINKI/DPS/DOG > Division of Geophysics, Department of Physical Sciences, University of Helsinki, Finland
 U-HELSINKI/GEOL > Department of Geology, University of Helsinki, Finland
 U-HOUSTON/GEOSCI > Department of Geoscience, University of Houston
 U-HULL/HMAP > History of Marine Animal Populations, University of Hull, United Kingdom
 U-KASSEL/AG/OAS > Organic Agricultural Sciences, Faculty of Agriculture, University of Kassel
 U-KASSEL/CES > Center for Environmental Systems, University of Kassel
 U-LAPLAND/AC > Arctic Centre, University of Lapland, Finland
 U-LIEGE/GHER/MODB > Mediterranean Oceanic Data Base, GeoHydrodynamics and Environmental Research, University of Liege
 U-LIVERPOOL/BIO/PEML > Port Erin Marine Laboratory, Biology Department, University of Liverpool, UK
 U-LJUBLJANA/BIOTECH/WOOD > Department of Wood Science and Technology, Biotechnical Faculty, University of Ljubljana
 U-MANCHESTER/MIMAS > Manchester Information and Associated Services, University of Manchester
 U-MEMPHIS/ES > Department of Earth Science, University of Memphis
 U-MEMPHIS/GWI > Ground Water Institute, University of Memphis
 U-MIAMI/RSMAS > Rosenstiel School of Marine and Atmospheric Science, University of Miami
 U-MIAMI/RSMAS/MGGD/GEOD-L > Geodesy Laboratory, Marine Geology and Geophysics Division, Rosenstiel School of Marine and Atmospheric Science, University of Miami
 U-NCL/EDDI > European Diatom Database, University of Newcastle, UK
 U-OREGON/GS > Department of Geological Sciences, University of Oregon
 U-OREGON/ISE > Institute for a Sustainable Environment, University of Oregon
 U-OSLO/ITA > Institute of Theoretical Astrophysics, University of Oslo, Norway
 U-OTTAWA/GEOG > Department of Geography, University of Ottawa
 U-PUNE/BIOINFO > Bioinformatics Centre, University of Pune, India
 U-READING/SPS/CPDS > Centre for Plant Diversity and Systematics, School of Plant Sciences, University of Reading
 U-REDLANDS/RI/SSDP > Salton Sea Database Program, Redlands Institute, University of Redlands
 U-SOTON/SOBS > School of Biological Sciences, University of Southampton, UK
 U-SOTON/SOC > Southampton Oceanography Centre, University of Southampton
 U-SOTON/SOC/RAPID > Rapid Climate Change, Southampton Oceanography Centre, University of Southampton
 U-STRATH/STAMS > Department of Statistics and Modeling Science, University of Strathclyde, UK
 U-SURREY/CVSSP > Centre for Vision, Speech, and Signal Processing, University of Surrey
 U-SYDNEY/COLEO > Coleoptera, University of Sydney
 U-SYDNEY/SSIU > Spatial Science Innovation Unit, University of Sydney
 U-TARTU/EMI > Estonian Marine Institute, University of Tartu
 U-TOKYO/CSDIC-IIS > CEOP Satellite Data Integration Center, Institute of Industrial Science, University of Tokyo
 U-TOKYO/ORI > Ocean Research Institute, University of Tokyo
 U-TOKYO/VRCE-ERI > Volcanic Research Center, Earthquake Research Institute, University of Tokyo
 U-TROMSO/NCFS > Norwegian College of Fishery Science, University of Tromsø



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U-UTAH/EGI > Energy and Geoscience Institute, University of Utah
 U-UTAH/MET > Department of Meteorology, University of Utah
 U-VIENNA/FSM/IECB > Institute of Ecology and Conservation Biology, Faculty of Sciences and Mathematics, University of Vienna
 U-WALES-SWAN/BIO > Biological Science Department, School of the Environment and Society, University of Wales - Swansea
 U-WAU/MATH-S > School of Mathematics and Statistics, University of Western Australia
 U-YORK-CA/DESSE/GEOICT > Geospatial Information and Communication Technology Lab, Department of Earth and Space Science and Engineering, The University of York, Toronto Canada
 U-YORK-UK/CELP > Centre for Ecology, Law and Policy, The University of York, UK
 U.S. SATELLITE LABORATORY > U.S. Satellite Laboratory
 UA/NASC > National Antarctic Scientific Centre of the Ukraine
 UA/SRI/DSITS/SERVICES > Services, Department of Space Information Technology and Systems, Space Research Institute, Ukraine
 UA/UAS/IBSS > Institute of Biology of the Southern Seas, Ukrainian Academy of Science, Ukraine
 UA/UAS/MHI > Marine Hydrophysical Institute, Ukrainian Academy of Sciences, Ukraine
 UAH-ES/PHYS/GIFA > Group of Investigation in Environmental Physics, Fisica(Physics), Universidad de Alcala de Henares - Spain
 UAK > University of Alaska, School of Fisheries
 UAK-F/BW/IAB > Institute of Arctic Biology, Biology & Wildlife, University of Alaska Fairbanks
 UAK-F/GI > Geophysical Institute, University of Alaska, Fairbanks
 UAK-F/GI/GDC > GeoData Center, Geophysical Institute, University of Alaska Fairbanks
 UAK-F/INE/WERC > Water and Environmental Research Center, Institute of Northern Engineering, University of Alaska, Fairbanks
 UAK-F/SALMON > Sea-Air-Land Modeling and Observing Network, University of Alaska, Fairbanks
 UAK-F/SFOS/AOOS > Alaska Ocean Observing System, School of Fisheries and Ocean Sciences, University of Alaska - Fairbanks
 UAK-F/SFOS/ASG > Alaska Sea Grant, School of Fisheries and Ocean Sciences, University of Alaska - Fairbanks
 UAK-F/SFOS/IMS > Institute of Marine Science, School of Fisheries and Ocean Sciences, University of Alaska Fairbanks
 UAK-F/SNRAS/AFES/PRC > Palmer Research Center, Agriculture and Forestry Experiment Station, School of Natural Resources & Agricultural Science, University of Alaska Fairbanks
 UAL-B/BIO > Department of Biology, University of Alabama, Birmingham
 UAL-H/ATMOS > Department of Atmospheric Sciences, University of Alabama, Huntsville
 UAL-H/ATMOS/ESSL > Earth System Science Laboratory, Department of Atmospheric Sciences, University of Alabama, Huntsville
 UAL-H/ITSC > Information Technology and Systems Center, University of Alabama, Huntsville
 UAL-H/ITSC/SUBSET > Subset, Information Technology and Systems Center, University of Alabama, Huntsville
 UALBERTA/RR > Department of Renewable Resources, University of Alberta
 UAM/DB > Departamento de Biología, Universidad Autónoma de Madrid
 UARK/CAST > Center for Advanced Spatial Technologies, University of Arkansas
 UAZ/AGLS/OALS > Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/OALS/ARIA > Arizona Regional Image Archive, Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/OALS/RV > RangeView, Office of Arid Lands Studies, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/SRNR > School of Renewable Natural Resources, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/SWES > Soil, Water and Environmental Science, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/SWES/AZMET > The Arizona Meteorological Network, Soils, Water and Environmental Science Department, College of Agriculture and Life Sciences, University of Arizona
 UAZ/AGLS/WRRRC > Arizona Water Resources Research Center, College of Agriculture and Life Sciences, The University of Arizona
 UAZ/CS > Department of Computer Science, University of Arizona
 UAZ/GEOSCI > Department of Geosciences, University of Arizona
 UAZ/GEOSCI/RADIOCARBON > Radiocarbon, Department of Geosciences, University of Arizona
 UAZ/WALTER > Wildfire Alternatives, University of Arizona
 UB-ES/FGEO/DGG > Departamento Geodinámica y Geofísica, Facultat de Geologia, Universitat de Barcelona
 UB/SGS/BRIDGE > Bristol Research Initiative for the Dynamic Global Environment, School of Geographical Sciences, University of Bristol
 UBA/FCEN/EGE > Department of Ecology, Genetics and Evolution, Faculty of Exact and Natural Sciences, University of Buenos Aires
 UBC/EOS > Earth and Ocean Sciences, University of British Columbia
 UBC/FOR > Forestry, University of British Columbia
 UBIRM/PHYS-AST/AST-SP > Astrophysics and Space Research Group, School of Physics and Astronomy, University of Birmingham, UK
 UBO-IUEM/LOC-CHIMAR > Laboratoire de Chimie Marine (CHIMAR), Institut Universitaire Européen de la Mer (IUEM), Université de Bretagne Occidentale (UBO)
 UBONN/GEOG/GIS > GIS and Remote Sensing, Department of Geography, Universität Bonn
 UC - ERLANGEN-NURNBERG > Geology Department, Universität Erlangen-Nürnberg
 UC-BERKELEY/BSL/NCEDC > Northern California Earthquake Data Center, Berkeley Seismological Laboratory, University of California, Berkeley
 UC-BERKELEY/CAMFER > Center for the Assessment and Monitoring of Forest and Environmental Resources, University of California, Berkeley
 UC-BERKELEY/CEDR/REGIS > Research Program in Environmental Planning and Geographic Information Systems, Center for Environmental Design Research, University of California, Berkeley
 UC-BERKELEY/CNR/ESPM > Department of Environmental Science, Policy and Management, College of Natural Resources, University of California, Berkeley
 UC-BERKELEY/CS/DLP > Digital Library Project, Computer Science, University of California, Berkeley
 UC-BERKELEY/ERG > Energy and Resources Group, University of California, Berkeley
 UC-BERKELEY/ESML > Earth Science and Map Library, University of California Berkeley
 UC-BERKELEY/GSE > Graduate School of Education, University of California at Berkeley
 UC-BERKELEY/I-BIO > Department of Integrative Biology, University of California, Berkeley
 UC-BERKELEY/M-PALEO > Museum of Paleontology, University of California, Berkeley
 UC-BERKELEY/PHYSICS > Physics Department, University of California, Berkeley
 UC-BERKELEY/SSL > Space Sciences Laboratory, University of California, Berkeley
 UC-BERKELEY/SSL/CSE > Center for Science Education Space Sciences Laboratory, University of California at Berkeley
 UC-BERKELEY/SSL/SPRG > Space Physics Research Group, Space Sciences Laboratory, University of California, Berkeley
 UC-BERKELEY/UCJEPS > The University and Jepson Herbaria, University of California, Berkeley
 UC-DAVIS/ANR/IPM > Integrated Pest Management Program, Agriculture and Natural Resources, University of California, Davis
 UC-DAVIS/CAES/DEH/DENDROME > Dendrome, Department of Environmental Horticulture, College of Agriculture and Environmental Sciences, University of California, Davis
 UC-DAVIS/CAES/LAWR/ATMO > Atmospheric Science, Department of Land, Air and Water Resources, College of Agriculture and Environmental Sciences, University of California, Davis



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Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UC-DAVIS/CAES/POM > Department of Pomology, College of Agriculture and Environmental Sciences, University of California, Davis
 UC-DAVIS/CNL > Crocker Nuclear Laboratory, University of California, Davis
 UC-DAVIS/DES/ICE > Information Center for the Environment , Department of Environmental Science and Policy, University of California, Davis
 UC-DAVIS/DWFCB > Department of Wildlife and Fisheries Conservation Biology, University of California, Davis
 UC-DAVIS/GEOL/PALEOMAG > Paleomagnetism Laboratory, Geology Department, University of California, Davis
 UC-IRVINE/EEB > DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY, UNIVERSITY OF CALIFORNIA, IRVINE
 UC-IRVINE/PHYSSCI/CHEM > Department of Chemistry, School of Physical Sciences, University of California, Irvine
 UC-IRVINE/PHYSSCI/ESS > Earth System Science, School of Physical Sciences, University of California, Irvine
 UC-LA/ATMOS/ESM > Earth System Modeling Group, Department of Atmospheric and Oceanic Sciences, University of California, Los Angeles
 UC-LA/IGPP/SSC > Space Science Center, Institute of Geophysics and Planetary Physics, University of California, Los Angeles
 UC-LA/SMBO > Santa Monica Bay Observatory, University of California, Los Angeles
 UC-LONDON/GEOG > Department of Geography, University College London
 UC-LONDON/SC-PHYS/MSSL > Mullard Space Sciences Laboratory, Department of Space and Climate Physics, University College London
 UC-LOUVAIN/PHYS/IAGGL > Institut d'Astronomie et de Geophysique Georges Lemaitre, Departement de Physique Universite Catholique de Louvain
 UC-RIVERSIDE/CNAS/ENVIRO > Environmental Science, College of Natural and Agricultural Sciences, University of California, Riverside
 UC-RIVERSIDE/CNAS/ES > Department of Earth Science, College of Natural and Agricultural Sciences, University of California, Riverside
 UC-SB/ADL > Alexandria Digital Library, University of California, Santa Barbara
 UC-SB/BREN-ENVI/BIO-GEOG > BioGeography Lab, Donald Bren School of Environmental Science and Management, University of California, Santa Barbara
 UC-SB/BREN-ENVI/EIL > Environmental Information Lab, Donald Bren School of Environmental Science & Management, University of California, Santa Barbara
 UC-SB/GEOG/OPL > Ocean Physics Laboratory, Department of Geography, University of California, Santa Barbara
 UC-SB/ICISS > Institute for Computational Earth System Science, University of California, Santa Barbara
 UC-SB/ICS > Institute for Crustal Studies, University of California, Santa Barbara
 UC-SB/NCEAS/KDE > Kids Do Ecology, National Center for Ecological Analysis and Synthesis, University of California, Santa Barbara
 UC-SB/NCEAS/PDDB > Paleobiology Database, National Center for Ecological Analysis and Synthesis, University of California-Santa Barbara
 UC-SB/NCGIA > National Center for Geographic Information and Analysis, University of California, Santa Barbara
 UC-SB/SPOT > Center for SPOT Imagery, University of California, Santa Barbara
 UC-SC/BSEO/MATH-STAT > Applied Mathematics and Statistics, Baskin School of Engineering, University of California, Santa Cruz
 UC-SC/CBSE > Center for Biomolecular Science and Engineering, University of California, Santa Cruz
 UC-SC/EARTH-SCI > Earth Sciences Department, University of California, Santa Cruz
 UC-SC/IMS > Institute of Marine Sciences, University of California, Santa Cruz
 UC-SD/CHEM > Department of Chemistry and Biochemistry, University of California, San Diego
 UC-SD/DFPM > Department of Family and Preventive Medicine, University of California, San Diego
 UC-SD/IEK > ISS EarthKAM, University of California, San Diego
 UC-SD/SDSC > San Diego Supercomputer Center, University of California, San Diego
 UC-SEDE MEDELLIN/GEOSCI > School of Geoscience, University of Colombia, Sede Medellin
 UCAR/COMET > Cooperative Program for Operational Meteorology, Education and Training, University Corporation for Atmospheric Research
 UCAR/COSMIC/CDAAC > COSMIC Data Analysis and Archive Center, Constellation Observing System for Meteorology, Ionosphere and Climate, University Corporation for Atmospheric Research
 UCAR/ESMF > Earth System Modeling Framework, University Corporation for Atmospheric Research
 UCAR/JOSS > Joint Office for Science Support, University Corporation for Atmospheric Research
 UCAR/NCAR/ACD > Atmospheric Chemistry Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/ACD/CPRM > Chemical Processes and Regional Modeling Group, Atmospheric Chemistry Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD > Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD/CAS > Climate Analysis Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD/CCSM > Community Climate System Model, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD/CMS > Climate Model Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD/OCE > Oceanography Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CGD/TSS > Terrestrial Sciences Section, Climate and Global Dynamics Division, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CISL/DSS > Data Support Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/CISL/VETS > Visualization and Enabling Technologies Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, UCAR
 UCAR/NCAR/CISL/VETS/CDP > Community Data Portal, Visualization and Enabling Technologies Section, Computational and Information Systems Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EDOUT > Education and Outreach, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL > Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/CEOPDM > CEOP Data Management, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/CODIAC > Cooperative Distributed Interactive Atmospheric Catalog System, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/RAF > Research Aviation Facility, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/RDP > Research Data Program, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/RTF > Research Technology Facility, Earth Observing Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/EOL/RTF/ISFF > Integrated Surface Flux Facility, Research Technology Facility, Earth Observing Laboratory, National Center for Atmospheric Research, UCAR
 UCAR/NCAR/EPO/E-BRIDGE > Educator's Bridge, Education and Outreach, National Center for Atmospheric Research, University Corporation for Atmospheric Research



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

Research

UCAR/NCAR/HAO > High Altitude Observatory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/HAO/CEDAR > Coupling, Energetics and Dynamics of Atmospheric Regions, High Altitude Observatory, National Center for Atmospheric Research, UCAR
 UCAR/NCAR/MMM > Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/MMM/MPG > Mesoscale Prediction Group, Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/MMM/PPWS > Prediction Of Precipitating Weather Systems Group, Mesoscale and Microscale Meteorology, National Center for Atmospheric Research, UCAR
 UCAR/NCAR/RAP > Research Application Program, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/NCAR/SERE/ISSE > Institute for the Study of Society and Environment, Societal-Environmental Research and Education Laboratory, National Center for Atmospheric Research, University Corporation for Atmospheric Research
 UCAR/UNIDATA > Unidata, University Corporation for Atmospheric Research
 UCAR/W2U > Windows to the Universe, University Corporation for Atmospheric Research
 UCHILE/FCFM/DFI > Departamento de fisica, Facultad de Ciencias Fisicas y Matematicas, Universidad de Chile, Chile
 UCL/GEOENG/ICEDS > Integrated CEOS European Data Server, Department of Geomatic Engineering, University College London
 UCM/BIO > Faculty of Biology, Universidad Complutense de Madrid
 UCO/CEAS/CCAR > Colorado Center for Astrodynamics Research, College of Engineering and Applied Science, University of Colorado
 UCO/CIEI > Center for Imaging the Earth's Interior, University of Colorado
 UCO/CIRES > Cooperative Institute for Research in Environmental Sciences, University of Colorado
 UCO/INSTAAR/QGISL > Quarternary GIS Laboratory, Institute of Arctic and Alpin Research, University of Colorado
 UCO/LASP > Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/AIM > AIM Mission, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/CISM/KTG > Knowledge Transfer Group, Center for Integrated Space Weather Modeling, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/LISIRD > Lasp Interactive Solar IRradiance Datacenter, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/SEE > SEE Science Team, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/SNOE > Student Nitric Oxide Explorer, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/LASP/SORCE > SORCE Science Team, Laboratory for Atmospheric and Space Physics, University of Colorado
 UCO/MAPSTEDI > MAPSTEDI, University of Colorado
 UCO/NHC > Natural Hazards Center, University of Colorado
 UCONN/CANR/CLEAR > Center for Land use Education And Research, College of Agriculture and Natural Resources, University of Connecticut
 UCONN/EEB > Ecology and Evolutionary Biology, University of Connecticut
 UCONN/ENGR > School of Engineering, University of Connecticut
 UCONN/MARINE > Marine Science, University of Connecticut
 UCT/OCEAN > Department of Oceanography, University of Cape Town
 UDEC-CL/COPAS > Center for Oceanographic Research in the eastern South Pacific FONDAP-COPAS, University of Concepcion, CHILE
 UDEC/EBMD > Estacion de Biologia Marina-Dichato, Universidad de Concepcion, Chile
 UDEL/CMS > Graduate College of Marine Studies, University of Delaware
 UDEL/GEOG/CCR > Center For Climate Research, Department of Geography, University of Delaware
 UDEL/RDMS > Research Data Management Services, University of Delaware
 UDEL/RDMS/DGIC/DIME > Delaware Internet-based Metadata Entry, Delaware Geospatial Information Clearinghouse, Research Data Management Services, University of Delaware
 UDP/FCNET/CEREB > Centro de Estudios de Recursos Bioticos, Facultad de Ciencias Naturales, Universidad de Panama
 UDPV/PHYS > Depto. Fisica Aplicada II, Universidad del Pais Vasco
 UE-EDINBURGH/DL/EDINA > EDINA, Data Library, University of Edinburgh
 UE-EDINBURGH/GEOG > Department of Geography, University of Edinburgh
 UE-EDINBURGH/GEOG/TB > Tephabase, Department of Geography, University of Edinburgh
 UEA/SES/CRU > Climatic Research Unit, School of Environmental Sciences, University of East Anglia
 UEA/SES/SOLAS > Surface Ocean Lower Atmosphere Study, School of Environmental Sciences, University of East Anglia, UK
 UFL/CDCP/GFPIRC > Geo-Facilities Planning & Information Center, College of Design Construction and Planning, University of Florida
 UFL/GEOG > Geography Dept., University of Florida
 UFL/IFAS > Institute of Food and Agricultural Sciences, University of Florida
 UFL/IFAS/CAIP > Center for Aquatic and Invasive Plants, Institute of Food and Agricultural Sciences, University of Florida
 UFL/IFAS/SFRC > School of Forest Resources and Conservation, Institute of Food and Agricultural Sciences, University of Florida
 UFRP/CEM > Center of Studies of the Sea, Federal University of the Parana
 UG/UWA > Uganda Wildlife Authority, Uganda
 UGA/AG-ES/OI-AG > Office of International Agriculture, College of Agricultural and Environmental Sciences, University of Georgia
 UGA/BAE > Department of Biological and Agricultural Engineering, University of Georgia
 UGA/CAES/ENTO > Department of Entomology, College of Agricultural and Environmental Sciences, University of Georgia
 UGA/NUVMC > National UV Monitoring Center, University of Georgia
 UH&I-UK/SAMS > Scottish Association for Marine Science, University of Highlands and Islands, UK
 UHI/DB > Department of Botany, University of Hawaii
 UHI/IA/MSO > Mees Solar Observatory, Institute for Astronomy, University of Hawaii
 UHI/IA/SOLAR > Solar Group, Institute for Astronomy, University of Hawaii
 UHI/SOEST/GG > Department of Geology and Geophysics, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/GG/CG > Coastal Geology, Department of Geology and Geophysics, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/GMT > Generic Mapping Tools, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/HIGP > Hawaii Institute of Geophysics and Planetology, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/HIMB > Hawaii Institute of Marine Biology, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/IPRC > International Pacific Research Center, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/IPRC/APDRC > Asia-Pacific Data-Research Center, International Pacific Research Center, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/JIMAR > Joint Institute for Marine and Atmospheric Research, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/METEO > Meteorology Department, School of Ocean and Earth Science and Technology, University of Hawaii



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UHI/SOEST/OCEAN > Department of Oceanography, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/OCEAN/JASADCP > Joint Archive for Shipboard Acoustic Doppler Current Profiler Center, Oceanography Dept., School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/OCEAN/LMO > Laboratory for Microbiological Oceanography, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/OCEAN/SAT-LAB > Satellite Oceanography Laboratory, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/OCEAN/SLC > Sea Level Center, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii
 UHI/SOEST/OCEAN/SLC/JASL > Joint Archive for Sea Level, Sea Level Center, Oceanography Department, School of Ocean and Earth Science and Technology, University of Hawaii
 UI-UC/ATMO > Department of Atmospheric Sciences, University of Illinois at Urbana-Champaign
 UI-UC/CACES/CROPSCI > Department of Crop Sciences, College of Agricultural, Consumer, and Environmental Sciences, University of Illinois at Urbana-Champaign
 UI-UC/EX-OR > Office of Extension and Outreach, University of Illinois at Urbana-Champaign
 UI-UC/GEOG/SAL > Spatial Analysis Laboratory, Department Geography, University of Illinois at Urbana-Champaign
 UI-UC/GMS > Geographic Modeling Systems, University of Illinois at Urbana-Champaign
 UI-UC/NCSA > The National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign
 UI-UC/NCSA/HDF > Hierarchical Data Format, The National Center for Supercomputing Applications, University of Illinois at Urbana-Champaign
 UI-UC/SIB > School of Integrative Biology, University of Illinois at Urbana-Champaign
 UIA/PHYS > Department of Physics & Astronomy, University of Iowa
 UIA/WNP > WiderNet Project, University of Iowa
 UIC/EAES > Earth and Environmental Sciences, University of Illinois at Chicago
 UIC/EVL > Electronic Visualization Laboratory, University of Illinois at Chicago
 UID/CAMBR > Center for Advanced Microelectronics and Biomolecular Research, University of Idaho
 UID/CNR/FR > Forest Resources, College of Natural Resources, University of Idaho
 UID/CNR/RS-GISRL > Remote Sensing & GIS Research Lab, College of Natural Resources, University of Idaho
 UK/ST/CREEM/RUWPA > Research Unit for Wildlife Population Assessment, Center for Research Into Ecological and Environmental Modeling, University of St. Andrews
 UKS/GEOL > Department of Geology, University of Kansas
 UKS/KARS > Kansas Applied Remote Sensing Program, University of Kansas
 UKS/NHMBRC > Natural History Museum and Biodiversity Research Center, University of Kansas
 UKS/NHMBRC/PALEOBOT > Division of Paleobotany, Natural History Museum and Biodiversity Research Center, University of Kansas
 UKS/PRISM > Polar Radar for Ice Sheet Measurements, University of Kansas Center for Research
 UKY/APPAL-CENTER > Appalachian Center, University of Kentucky
 ULG/AGO/COU > Chemical Oceanography Unit, Department of Astrophysics Geophysics and Oceanography, Universite de Liege
 ULP/EOST > ECOLE ET OBSERVATOIRE DES SCIENCES DE LA TERRE (EOST), UNIVERSITE LOUIS PASTEUR STRASBOURG (ULP)
 UMAINE/CE/MESG > Maine Sea Grant, Cooperative Extension, University of Maine
 UMAINE/CE/MSG > Maine Sea Grant, Cooperative Extension, University of Maine
 UMAINE/CLIMATE > Climate Change Institute, University of Maine
 UMAINE/DES > Department of Earth Sciences, University of Maine
 UMAINE/DG/BPP > Beach Profiling Project, Department of Geology, University of Maine
 UMAINE/NSFA > College of Natural Sciences, Forestry, and Agriculture, University of Maine
 UMAINE/SGJMC > Senator George J. Mitchell Center for Environmental and Watershed Research, University of Maine
 UMAINE/SMS > School of Marine Sciences, University of Maine
 UMAINE/SMS/DMC > Darling Marine Center, School of Marine Science, University of Maine
 UMASS-A/GEOSCI > Department of Geosciences, University of Massachusetts, Amherst
 UMASS-A/LEP > Landscape Ecology Program, University of Massachusetts, Amherst
 UMASS-D/SMASST > School for Marine Science and Technology, University of Massachusetts Dartmouth
 UMBC/JCET/UMBC > Joint Center for Earth Systems Technology, University of Maryland, Baltimore Campus
 UMCES/HPL > Horns Point Laboratory, University of Maryland Center for Environmental Science
 UMD/ASTRO/BIMA > Berkeley Illinois Maryland Association, Astronomy Department, University of Maryland
 UMD/CIVIL > Department of Civil and Environmental Engineering, University of Maryland
 UMD/CS/HCIL > Human-Computer Interaction Lab, Department of Computer Science, University of Maryland
 UMD/ESSIC > Earth System Science Interdisciplinary Center, University of Maryland
 UMD/GEOG > Geography Department, University of Maryland
 UMD/GEOG/LCRS > Land Cover and Remote Sensing, Geography Department, University of Maryland
 UMD/GEOG/LGRSS > Laboratory for Global Remote Sensing Studies, Geography Dept., University of Maryland
 UMD/GLCF > Global Land Cover Facility, University of Maryland
 UMD/IPST/UAP > Space and Upper Atmosphere Physics, Institute for Physical Science and Technology, University of Maryland
 UMD/MSG > Maryland Sea Grant, University of Maryland
 UMD/METEO > Meteorology Department, University of Maryland
 UMD/PD/SPG/IMP8 > IMP-8, Space Physics Group, Physics Department, University of Maryland
 UMD/PD/SPG/WIND > WIND, Space Physics Group, Physics Department, University of Maryland
 UMICH-FLINT/ERS > Department of Earth and Resource Science, University of Michigan
 UMICH/ENG/CSEM > Center for Space Environment Modeling, College of Engineering, University of Michigan
 UMICH/LSA/GEOL > Department of Geological Sciences, College of Literature, Science and the Arts, University of Michigan
 UMICH/NAME > Department of Naval Architecture and Marine Engineering, University of Michigan
 UMICH/SNRE > School of Natural Resources and Environment, University of Michigan
 UMICH/SPRL/TIDI > TIDI Science Team, Space Physics Research Laboratory, University of Michigan
 UMICH/UMMZ/ADW > Animal Diversity Web, Museum of Zoology, University of Michigan
 UMN-D/GEOL > Department of Geological Sciences, University of Minnesota, Duluth
 UMN/CNR/FOR/CFC > Cloquet Forestry Center, Department of Forestry, College of Natural Resources, University of Minnesota
 UMN/DFR/TERRASIP > TerraSIP, Department of Forest Resources, University of Minnesota
 UMN/IPM > Integrated Pest Management, University of Minnesota
 UMN/IT/ME > Department of Mechanical Engineering, Institute of Technology, University of Minnesota



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UMO-COLUMBIA/CA/CARES > Center for Agricultural, Resource and Environmental Systems, College of Agriculture, University of Missouri - Columbia
 UMO-COLUMBIA/SNR/SEAS > Soil Environmental Atmospheric Sciences, School of Natural Resources, University of Missouri-Columbia
 UMT/BIO/INVADER > Invaders, Division of Biological Sciences, University of Montana
 UMT/EOSTC > EOS Training Center, University of Montana
 UMT/NLCEP > National Lewis and Clark Education Project, University of Montana
 UMT/SF/NTSG > Numerical Terradynamic Simulation Group, School of Forestry, University of Montana
 UN/CARTO > Cartographic Section, United Nations
 UN/CSB > Cyberschoolbus, United Nations
 UN/FAO/AG/AGA/AGAH/IDG > Infectious Diseases Group, Animal Health Service, Animal Production & Health Division, Agricultural Department, Food & Agriculture Organization, United Nations
 UN/FAO/AG/AGPC > Crop and Grassland Service, Agriculture Department, Food and Agriculture Organization, United Nations
 UN/FAO/AGL > Land and Water Development Division, Food and Agriculture Organization, United Nations
 UN/FAO/AGL/LAND > Land and Plant Nutrition Management Service, Land and Water Development Division, Food and Agriculture Organization, United Nations
 UN/FAO/AGL/LAND/WRB > World Reference Base, Land and Plant Nutrition Management Service, Land and Water Development Division, Food and Agriculture Organization, United Nations
 UN/FAO/AGL/WRMDS > Water Resources, Management and Development Service, Land and Water Development Division, Food and Agriculture Organization, United Nations
 UN/FAO/FAOSTAT > FAO Statistical Databases, Food and Agriculture Organization, United Nations
 UN/FAO/FISH > Fisheries Department, Food and Agriculture Organization of the United Nations
 UN/FAO/GEONETWORK > GeoNetwork, Food and Agriculture Organization, United Nations
 UN/FAO/GIEWS > Global Information and Early Warning System, Food and Agriculture Administration, United Nations
 UN/FAO/GTOS > Global Terrestrial Observing System, Food and Agriculture Organization, United Nations
 UN/FAO/GTOS/TEMS > Terrestrial Ecosystem Monitoring Sites, Global Terrestrial Observing System, Food and Agriculture Organization, United Nations
 UN/FAO/IAEA > International Atomic Energy Agency, Food and Agriculture Organization, United Nations
 UN/FAO/PIC > Prior Informed Consent, Food and Agriculture Organization, United Nations
 UN/FAO/SD > Sustainable Development Department, Food and Agriculture Organization of the United Nations
 UN/FAO/SD/ENV/METART > METART, Environment, Sustainable Development Department, Food and Agriculture Organization, United Nations
 UN/FAO/WAICENT > World Agricultural Information Centre, Food and Agriculture Organization, United Nations
 UN/OC-ATL > Ocean Atlas, United Nations
 UN/POPIN > Population Information Network, United Nations
 UN/WHO/DEHA > Department of Emergency and Humanitarian Action, World Health Organization, United Nations
 UN/WHO/GLOBALATLAS > Global Atlas, World Health Organization, United Nations
 UN/WMO > World Meteorological Organization, United Nations
 UNAVCO > UNAVCO
 UNB/CEMAR > Centre for Environmental and Molecular Algal Research, University of New Brunswick, Canada
 UNB/CRI > Canadian Rivers Institute, University of New Brunswick, Canada
 UNB/GEOL/PASSC > Planetary and Space Science Centre, Department of Geology, University of New Brunswick
 UNBC/GIS-RS > GIS and Remote Sensing Laboratory, University of Northern British Columbia
 UNC-WILMINGTON/SMEC > Science and Mathematics Education Center, University of North Carolina at Wilmington
 UND/UMAC > Upper Midwest Aerospace Consortium, University of North Dakota
 UNE-L/ANDRILL > Antarctic Drilling Program, University of Nebraska, Lincoln
 UNE-L/CALMIT > Center for Advanced Land Management Information Technologies, University of Nebraska, Lincoln
 UNE-L/CASDE > Consortium for the Application of Space Data to Education, University of Nebraska, Lincoln
 UNE-L/NDMC > National Drought Mitigation Center, University of Nebraska, Lincoln
 UNE-L/PANHANDLE > Panhandle Research and Extension Center, University of Nebraska, Lincoln
 UNE-L/SNR/NESEN > Nebraska Earth Science Education Network, School of Natural Resources, University of Nebraska, Lincoln
 UNE-O/CASDE > Consortium for the Application of Space Data to Education, University of Nebraska, Omaha
 UNEP/AP/RRC > Regional Resource Centre, Asia and the Pacific, United Nations Environment Programme
 UNEP/DEWA/GRID-EUROPE > Global Resource Information Database - Geneva, Division of Early Warning and Assessment, United Nations Environment Programme
 UNEP/GRID-ARENDAL > Global Resource Information Database - Arendal, United Nations Environment Programme
 UNEP/GRID-ARENDAL/BSR > Baltic Sea Region, Global Resource Information Database - Arendal, Norway, United Nations Environment Programme
 UNEP/GRID-BRAZIL > Global Resource Information Database - Sao Jose dos Campos, Brazil, United Nations Environment Programme
 UNEP/GRID-KATHMANDU > Global Resource Information Database - Kathmandu, United Nations Environment Programme
 UNEP/GRID-KUWAIT > Global Resource Information Database - Kuwait, United Nations Environment Programme
 UNEP/GRID-SIOUX FALLS > Global Information Database - Sioux Falls, United Nations Environment Programme
 UNEP/GRID-TSUKUBA > Global Resource Information Database - Tsukuba, United Nations Environment Programme
 UNEP/GRID-WARSZAWA > UNEP - Global Resource Information Database - Warsaw, United Nations Environment Programme
 UNEP/GRID/IETC > International Environmental Technology Centre, Global Resource Information Database, United Nations Environment Programme
 UNEP/GRID/PAC > Programme Activity Centre, Global Resource Information Database, United Nations Environment Programme
 UNEP/INFOTERRA > INFOTERRA, United Nations Environment Programme
 UNEP/WCMC > World Conservation Monitoring Centre, United Nations Environment Programme
 UNEP/WCMC/PAP > Protected Areas Programme, World Conservation Monitoring Centre, United Nations Environment Programme
 UNESCO/IHE > Institute for Water Education, United Nations Educational, Scientific and Cultural Organization
 UNESCO/IHP > International Hydrological Programme, United Nations Educational, Scientific and Cultural Organization
 UNESCO/IHP/LAC > Latin America and the Caribbean, International Hydrological Programme, United Nations Educational, Scientific and Cultural Organization
 UNESCO/IOC > Intergovernmental Oceanographic Commission, United Nations Educational, Scientific and Cultural Organization
 UNESCO/IOC/IODE > International Oceanographic Data and Information Exchange, IOC, United Nations Educational, Scientific and Cultural Organization
 UNESCO/MAB > Man and the Biosphere Program, United Nations Educational, Scientific and Cultural Organization
 UNESCO/PUB > Publishing, United Nations Educational, Scientific and Cultural Organization
 UNFCCC > United Nations Framework Convention on Climate Change
 UNFPA > United Nations Population Fund
 UNGEMS_WATER > UN Global Environmental Monitoring System, Water Programme Office
 UNH/CICEET > Cooperative Institute for Coastal and Estuarine Environmental Technology, University of New Hampshire
 UNH/EOS > Institute for the Study of Earth, Oceans, and Space, University of New Hampshire



At this time, we are requesting that the following citation be used by those individuals and groups using the GCMD keywords.

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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

UNH/EOS/CCRC/NICL-SMO > National Ice Core Laboratory Science Management Office, Climate Change Research Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire

UNH/EOS/COOA/WEBCOAST > WEBCOAST, Center for Coastal Ocean Observation and Analysis, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire

UNH/EOS/CSRC/EOSWEBSTER > EOS-WEBSTER, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire

UNH/EOS/CSRC/FW > Forest Watch, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, Univ. of New Hampshire

UNH/EOS/CSRC/WATSYS > Water Systems Analysis Group, Complex Systems Research Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire

UNH/EOS/MVH > Measuring Vegetation Health, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire

UNH/EOS/SSC/IMP8 > IMP-9 CNRC, Space Science Center, Institute for the Study of Earth, Oceans, and Space, University of New Hampshire

UNH/GMWICS > Gulf of Maine Watershed Information and Characterization System, University of New Hampshire

UNH/JEL > Jackson Estuarine Laboratory, University of New Hampshire

UNH/JEL/OOA > Open Ocean Aquaculture Program, Jackson Estuarine Laboratory, University of New Hampshire

UNH/JEL/OOA/EM > Environmental Monitoring Project, Open Ocean Aquaculture, Jackson Estuarine Laboratory, University of New Hampshire

UNI-HAMBURG/BIO/IHFS > Institute of Hydrobiology and Fishery Science, Faculty of Biology, University of Hamburg

UNI-HAMBURG/METEO-I > Meteorological Institute, University of Hamburg, Germany

UNI-HAMBURG/TU/IRCE > Institute for River and Coastal Engineering, University of Technology University of Hamburg

UNI-KIEL/IFM > Institut fuer Meereskunde, University of Kiel, Germany

UNI/DES/STORM > Science Center for Teaching, Outreach, and Research on Meteorology, Department of Earth Science, University of Northern Iowa

UNIBO/CIAM > Università di Bologna, Dipartimento di Chimica (Giacomo Ciamician), Italy

UNIBO/DISTART > Università di Bologna, Dipartimento di Ingegneria delle Strutture, dei Trasporti, delle Acque, del Rilevamento del Territorio, Italy

UNICAMP/IB > Instituto de Biologia, Universidade de Campinas

UNIMI/FISICA > Dipartimento di Fisica, Università degli Studi di Milano, Italy

UNIPD/BIOLOGIA > Dipartimento di Biologia, Università di Padova, Padova, Italy

UNIROMA/BAU > Dipartimento di Biologia Animale e dell Uomo, Università di Roma - La Sapienza

UNIROMA/BIOLOGIA > Università degli Studi di Roma 'Tor Vergata', Dipartimento di Biologia, Rome, Italy

UNIROMA/CHEMICA > Università degli Studi di Roma 'La Sapienza', Dipartimento di Chimica, Rome, Italy

UNIROMA/DBV > Università degli Studi di Roma 'La Sapienza', Dipartimento di Biologia Vegetale, Rome, Italy

UNIROMA/FISICA > Università degli Studi di Roma 'La Sapienza', Dipartimento di Fisica, Rome, Italy

UNIMATRE/FIS > Dipartimento di Fisica E. Amaldi, Università Degli Studi Roma Tre, Rome, Italy

UNISI/DSA > Dipartimento di Scienze Ambientali (G. Sarfatti), Università Degli Studi di Siena, Italy

UNISI/DST > Dipartimento di Scienze Della Terra, Università Degli Studi di Siena, Italy

UNISYS/WS > Weather Services, UNISYS Corporation

UNITO/CHEMICA > Dipartimento di Chimica Analitica, Università Degli Studi di Torino, Torino, Italy

UNITO/DFG/GEOFIT > Department of General Physics, University of Turin, Italy

UNIV-MRS/CNRS-LMGEM > Laboratoire de Microbiologie, Géochimie et Ecologie Marines, CNRS/Université de la Méditerranée

UNIV-PARIS/CCR/LBCM > Laboratoire de Biogéochimie et Chimie Marine, Centre de Calcul Recherche et Réseau Jussieu, Université Pierre et Marie Curie (Paris VI)

UNIV-PARIS/IPGP > Institut de Physique du Globe de Paris, Université de Paris VII

UNIV-PARIS/LODYC > Laboratoire d'Océanographie Dynamique et de Climatologie (LODYC), Université de Pierre et Marie Curie (Paris VI)

UNIVAQ/FISICA > Dipartimento di Fisica, Università degli Studi di L'Aquila, Italy

UNIVE/DSA > Università Ca' Foscari Venezia, Dipartimento di Scienze Ambientali, Venice, Italy

UNLP/FCAGLP > Facultad de Ciencias Astronómicas y Geofísicas, Universidad Nacional de La Plata

UNM/EDAC > Earth Data Analysis Center, University of New Mexico

UNM/EDAC/EDACESIP > EDAC ESIP, Earth Data Analysis Center, University of New Mexico

UNM/EPS/IOM > Institute of Meteoritics, Department of Earth and Planetary Sciences, University of New Mexico

UNO/BIO/BBC > Biodiversity and Biological Collections, Biology Department, University of New Orleans

UNV-RENO/BD/ENVIRONMENT > Biological Resources Research Center, Department of Biology, University of Nevada, Reno

UOK/CAPS > Center for Analysis and Prediction of Storms, University of Oklahoma

UP > UNIVERSITY OF PLYMOUTH, UK

UPATRAS/CIVIL > Department of Civil Engineering, University of Patras

UPM/MATH > Departamento de Matemática Aplicada de la Información, Universidad Politécnica de Madrid

URI/GSO > Graduate School of Oceanography, University of Rhode Island

URI/GSO/CACS > Center for Atmospheric Chemistry Studies, Graduate School of Oceanography, University of Rhode Island

URI/GSO/MAEWEST > Maewest, Graduate School of Oceanography, University of Rhode Island

URI/GSO/PO-RS > Physical Oceanography and Remote Sensing, Graduate School of Oceanography, University of Rhode Island

URI/GSO/PO/RAFOS > RAFOS Float Group, Physical Oceanography Department, Graduate School of Oceanography, University of Rhode Island

URI/NRS > Department of Natural Resources Science, University of Rhode Island

URI/PLS > Department of Plant Sciences and Entomology, College of the Environment and Life Sciences, University of Rhode Island

URL/OE > Observatori de l'Ebre, Universitat Ramon Llull

USASK/GIS > GIS Services, University of Saskatchewan

USAT > USA TODAY

USC/BARUCH/BMFL > Baruch Marine Field Laboratory, Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina

USC/BARUCH/BMFL/NIWB > North Inlet-Winyah Bay Reserve, Baruch Marine Field Laboratory, Belle W. Baruch Institute for Marine and Coastal Sciences, University of South Carolina

USC/BIO > Department of Biological Sciences, University of South Carolina

USC/GEOG > Department of Geography, University of South Carolina

USC/GEOL/SEIS > Seismology, Department of Geological Sciences, University of South Carolina

USC/SCES/CME > Community Modeling Environment, Southern California Earthquake Center, University Southern California

USDA > U. S. Department of Agriculture

USDA/ADDS > Agricultural Databases for Decision Support, U.S. Department of Agriculture

USDA/APHIS/PPQ > Animal and Plant Health Inspection Service, Plant Protection and Quarantine, U.S. Department of Agriculture

USDA/ARS > Agricultural Research Service, U. S. Department of Agriculture

USDA/ARS/AFRS > Appalachian Fruit Research Station, Agricultural Research Service, U. S. Department of Agriculture



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NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

USDA/ARS/AQPGDRU > Air Quality Plant Growth and Development Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/BARC/ANRI > Animal and Natural Resources Institute, Agricultural Research Service, U. S. Department of Agriculture/BARC
 USDA/ARS/BARC/ANRI/EQL > Environmental Quality Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC
 USDA/ARS/BARC/ANRI/HRSL > Hydrology and Remote Sensing Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC
 USDA/ARS/BARC/ANRI/SASL > Sustainable Agricultural Systems Laboratory, Animal and Natural Resources Institute, USDA-ARS/BARC
 USDA/ARS/BARC/PSI/ACSL > Alternate Crops & Systems Lab, Plant Sciences Institute, USDA-ARS/BARC
 USDA/ARS/CGPRS > Central Great Plains Research Station, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/CICGRU > Corn Insects and Crop Genetics Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/CMAVE/CGERU > Crop Genetics and Environmental Research Unit, Center for Medical, Agricultural and Veterinary Entomology, ARS, U. S. Department of Agriculture
 USDA/ARS/CMAVE/PBRU > Postharvest and Bioregulation Research Unit, Center for Medical, Agricultural, and Veterinary Entomology, ARS, U. S. Department of Agriculture
 USDA/ARS/CPCRC > Columbia Plateau Conservation Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/CPRL > Conservation and Production Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/CPSWPRC > Coastal Plains Soil, Water, and Plant Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/CSRL > Crop Science Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/EIWRU > Exotic and Invasive Weeds Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/EORC/SMRU > Sustainable Management of Rangelands Unit, Eastern Oregon Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/GPSRU > Great Plains Systems Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/GRL > Grazinglands Research Laboratory, Agriculture Research Service, U.S. Department of Agriculture
 USDA/ARS/GSWRL > Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/GSWRL/EPIC > Environmental Policy Integrated Climate, Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/GSWRL/SWAT > Soil and Water Assessment Tool, Grassland Soil and Water Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/HCRL > Horticultural Crops Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/IS > Information Services, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/JER > Jornada Experimental Range, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/JPCSNRCC > J.P. Campbell, Sr., Natural Resource Conservation Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/KDLGSARC > Kika De La Garza Subtropical Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/KDLGSARC/IFNRRU > Integrated Farming and Natural Resources Research Unit, Kika De La Garza Subtropical Agricultural Research Center, USDA-ARS
 USDA/ARS/LARRL > Livestock and Range Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/MARC/BERU > Biological Engineering Research Unit, Meat Animal Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NAEWRU > North Appalachian Experimental Watershed Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NAL > National Agricultural Library, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NAL/WQIC > Water Quality Information Center, National Agricultural Library, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NCSCRL > North Central Soil Conservation Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NCSSU/NCARS > NC Agricultural Research Service, North Carolina State University, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NGPRL > Northern Great Plains Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NGRL > National Germplasm Resources Laboratory, Agricultural Research Service, U.S. Department of Agriculture
 USDA/ARS/NPARL > Northern Plains Agricultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NSDL > National Soil Dynamics Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NSL > National Sedimentation Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NSTL > National Soil Tilth Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/NWRC > Northwest Watershed Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/PBARC > Pacific Basin Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/PGRU > Plant Genetics Research Unit, USDA-ARS at University of Missouri
 USDA/ARS/PSWMRL > Pasture Systems & Watershed Management Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/RRRU > Rangeland Resources Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SDRU > Soil Drainage Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SES/RSPERU > Range Sheep Production/Efficiency Research Unit, U.S. Sheep Experiment Station, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SEWRL > Southeast Watershed Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SHRS > Subtropical Horticulture Research Station, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SPARC > Southern Plains Agricultural Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SPARC/APMU > Area Wide Pest Management Research Unit, Southern Plains Agricultural Research Center, ARS, U. S. Department of Agriculture
 USDA/ARS/SPNRU > Soil, Plant, and Nutrients Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SPRRS > Southern Plains Range Research Station, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SWCRU > Soil and Water Conservation Research Unit, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/SWRC > Southwest Watershed Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/TFRL > Tree Fruit Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/USHRL > U.S. Horticultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/USSL > U.S. Salinity Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/USWCL > U.S. Water Conservation Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/VFCRU > Vegetable and Forage Crop Research Unit, Agricultural Research Service, U.S. Department of Agriculture
 USDA/ARS/WRRC > Western Regional Research Center, Agricultural Research Service, U. S. Department of Agriculture
 USDA/ARS/YARL > Yakima Agricultural Research Laboratory, Agricultural Research Service, U. S. Department of Agriculture
 USDA/CSREES/AES/UC-DAVIS > Agricultural and Environmental Sciences, University of California-Davis, USDA-CSREES
 USDA/CSREES/CRIS > Current Research Information System, USDA-CSREES
 USDA/CSREES/FARM-A-SYST > National Farm Assessment Office, USDA-CSREES
 USDA/CSREES/GCREC/UFL > Gulf Coast Research and Education Center, University of Florida, USDA-CSREES
 USDA/CSREES/LAES/LSU > Louisiana Agricultural Experiment Station, Louisiana State University, USDA-CSREES
 USDA/CSREES/MSAFES/MSU > Mississippi Agricultural and Forestry Experiment Station, Mississippi State University, USDA-CSREES



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USDA/CSREES/MSUE/MSU > Michigan State University Extension, Michigan State University, USDA-CSREES
 USDA/CSREES/NCCES/NCSSU > North Carolina Cooperative Extension Service, North Carolina State University, USDA-CSREES
 USDA/CSREES/OARDC/OSU > Ohio Agricultural Research and Development Center, Ohio State University, USDA-CSREES
 USDA/CSREES/PMC/UMES/UMN > Pest Management Center, University of Minnesota Extension Services, University of Minnesota, USDA-CSREES
 USDA/CSREES/SDCES/SDSU > South Dakota Cooperative Extension Service, South Dakota State University, USDA-CSREES
 USDA/CSREES/TAES/TAMU > Texas Agricultural Experiment Station, Texas A&M University, USDA-CSREES
 USDA/CSREES/UAEX/UARK > University of Arkansas Cooperative Extension, University of Arkansas, USDA-CSREES
 USDA/CSREES/WVAFES/WVU > West Virginia Agricultural and Forestry Extension Station, West Virginia University, USDA-CSREES
 USDA/ERS > Economic Research Service, U. S. Department of Agriculture
 USDA/ERS/ESS > Economics and Statistics System, Economic Research Service, U. S. Department of Agriculture
 USDA/FAS > Foreign Agricultural Service, U. S. Department of Agriculture
 USDA/FAS/PECAD > Production Estimates and Crop Assessment Division, Foreign Agricultural Service, U.S. Department of Agriculture
 USDA/FS > Forest Service, U. S. Department of Agriculture
 USDA/FS/AFC > Alexandria Forest Center, Forest Service, U.S. Department of Agriculture
 USDA/FS/ENG/RSAC > Remote Sensing Applications Center, Engineering, Forest Service, U.S. Department of Agriculture
 USDA/FS/FAM > Fire & Aviation Management, Forest Service, U. S. Department of Agriculture
 USDA/FS/FHP > Forest Health Protection, Forest Service, U. S. Department of Agriculture
 USDA/FS/FHP/FHMP > Forest Health Monitoring Program, Forest Health Protection, Forest Service, U. S. Department of Agriculture
 USDA/FS/FIA > Forest Inventory and Analysis, Forest Service, U.S. Department of Agriculture
 USDA/FS/FPL > Forest Products Laboratory, Forest Service, U. S. Department of Agriculture
 USDA/FS/FRM > Forest and Rangeland Management, Forest Service, U. S. Department of Agriculture
 USDA/FS/FSGCRP > Forest Service Global Change Research Program, U. S. Department of Agriculture
 USDA/FS/ITF > International Institute of Tropical Forestry, Forest Service, U. S. Department of Agriculture
 USDA/FS/IMI > Inventory and Monitoring Institute, Forest Service, U.S. Department of Agriculture
 USDA/FS/IPIF > Institute of Pacific Islands Forestry, Forest Service, U. S. Department of Agriculture
 USDA/FS/LAR > Land and Realty Management, Forest Service, U. S. Department of Agriculture
 USDA/FS/NCRS > North Central Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/NERS > Northeastern Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/NERS/FSL > Forestry Sciences Laboratory, Northeastern Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/NWFP > Northwest Forest Plan, Forest Service, U.S. Department of Agriculture
 USDA/FS/PNW > Pacific Northwest Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/PNW/FERA > Fire and Environment Research Applications Team, Pacific Northwest Research Station, Forest Service, U.S. Department of Agriculture
 USDA/FS/PNW/ICBEMP > Interior Columbia Ecosystem Management Project, Pacific Northwest Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/PSW > Pacific Southwest Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/RD/TS > Treeseearch, Research and Development, Forest Service, U. S. Department of Agriculture
 USDA/FS/RM > Rangelands Management, Forest Service, U. S. Department of Agriculture
 USDA/FS/RMRS > Rocky Mountain Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/RMRS/MGSL > Moscow Forestry Sciences Laboratory, Rocky Mountain Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/SR > Southern Region, Forest Service, U. S. Department of Agriculture
 USDA/FS/SRS > Southern Research Station, Forest Service, U. S. Department of Agriculture
 USDA/FS/SRS/SGCP > Southern Global Change Program, Southern Research Station, Forest Service, Department of Agriculture
 USDA/FS/WFAS > Wildlands Fire Assessment System, Forest Service, U. S. Department of Agriculture
 USDA/FSA/CRP > Conservation Reserve Program, Farm Service Agency, U. S. Department of Agriculture
 USDA/NAL/AGNIC > Agriculture Network Information Center, National Agricultural Library, U. S. Department of Agriculture
 USDA/NASS > National Agricultural Statistics Service, U. S. Department of Agriculture
 USDA/NPS/PNWR > Pacific Northwest Region, National Park Service, U.S. Department of Agriculture
 USDA/NRCS/ALASKA > Natural Resources Conservation Service-Alaska, U. S. Department of Agriculture
 USDA/NRCS/CED > Conservation Engineering Division, Natural Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/ESIS > Ecological Site Information System, Natural Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/GDG > Geospatial Data Gateway, Natural Resources Conservation Service, U.S. Department of Agriculture
 USDA/NRCS/ITC > Information Technology Center, National Resource Conservation Service, U.S. Department of Agriculture
 USDA/NRCS/MONTANA > Natural Resources Conservation Service-Montana, U. S. Department of Agriculture
 USDA/NRCS/NCGC > National Cartography and Geospatial Center, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/NEBRASKA > Natural Resource Conservation Service-Nebraska, U.S. Department of Agriculture
 USDA/NRCS/NPDC > National Plant Data Center, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/NRI > Natural Resources Institute, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/NSERL > National Soil Erosion Research Laboratory, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/NSSC > National Soil Survey Center, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/NWCC > National Water and Climate Center, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/PMP > Plant Materials Program, Natural Resources Conservation Service, U. S. Department of Agriculture
 USDA/NRCS/WSR > World Soil Resources, National Resources Conservation Service, U. S. Department of Agriculture
 USDA/OCE/WAOB > World Agricultural Outlook Board, Office of Chief Economist, U. S. Department of Agriculture
 USDA/OCE/WC/PUBS > Publications, Weather and Climate, Office of Chief Economist, U. S. Department of Agriculture
 USDA/RMA > Risk Management Agency, U. S. Department of Agriculture
 USF/CAS > College of Arts and Sciences, University of South Florida
 USF/CMS > College of Marine Science, University of South Florida
 USF/CMS/IMARS > Institute for Marine Remote Sensing, College of Marine Science, University of South Florida
 USF/FCCDR > Florida Center for Community Design and Research, University of South Florida
 USF/ISB > Institute for Systematic Botany, University of South Florida
 USGS > U.S. Geological Survey, Department of the Interior
 USGS NMWSC > US Geological Survey, New Mexico Water Science Center



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

USGS/FRESC/SRFS > SNAKE RIVER FIELD STATION, FOREST AND RANGELAND ECOSYSTEM SCIENCE CENTER, U.S. GEOLOGICAL SURVEY

USM/CBEP > Casco Bay Estuary Partnership, University of Southern Maine

USNA/OCEAN > Department of Oceanography, United States Naval Academy

USP/IB/MARCUS > Departamento de Zoologia, Instituto de Biociencias, Universidade de Sao Paulo

USP/IO > Instituto Oceanografico, Universidade de Sao Paulo

USRA/CASS/LPI/ED > Education, Lunar and Planetary Institute, Center for Advanced Space Studies, Universities Space Research Association

USTL/LOA > Laboratoire d'Optique Atmospherique, Universite des Sciences et Technologies de Lille

USU/ED-HS/TL > TeacherLink, College of Education and Human Services, Utah State University

USU/NR/GEOG-ER/RS-GIS > Remote Sensing and GIS Lab, Geography and Earth Resources, College of Natural Resources, Utah State University

UT/AGRC > Automated Geographic Reference Center, Utah

UT/CLIM > Utah Climate Center, Utah

UT/DOT > Department of Transportation, Utah

UTFSM/PHYS/RERERC > Renewable Energy Resource and Environmental Research Center, Physics Department, Universidad Tecnica Federico Santa Maria

UTL/ISA/DEF > Forestry Department, Institute of Agronomy, University of Technology, Lisbon

UTN-C/BES > Biological and Environmental Sciences, University of Tennessee - Chattanooga

UTX-AUSTIN/ARL > Applied Research Laboratories, University of Texas at Austin

UTX-AUSTIN/CSR > Center for Space Research, University of Texas at Austin

UTX-AUSTIN/ENGR/CRWR > Center for Research in Water Resources, Bureau of Engineering Research, University of Texas at Austin

UTX-AUSTIN/GEOSCI/BEG > Bureau of Economic Geology, School of Geosciences, University of Texas at Austin

UTX-AUSTIN/IG > Institute for Geophysics, University of Texas at Austin

UTX-AUSTIN/IG/SDC > Seismic Data Center, Institute for Geophysics, University of Texas at Austin

UTX-AUSTIN/TMM/TNHC > Texas Natural History Collections, Texas Memorial Museum, University of Texas, Austin

UTX-DALLAS/CSS/CINDI/EPO > Education and Public Outreach, Coupled Ion-Neutral Dynamics Investigation, Center for Space Science, University of Texas at Dallas

UTX-MB/MBI/NRCC > National Resource Center for Cephalopods, Marine Biomedical Institute, University of Texas - Medical Branch

UU/FES > Faculty of Geosciences, Utrecht University

UU/PHYS-ASTR/IMAU > Institute for Marine and Atmospheric Research, Physics and Astronomy Department, Utrecht University

UVA-ESP/PHYS > Department of Applied Physics, University of Valladolid, Spain

UVA/ENVSCI/GECP > Global Environmental Change Program, Department of Environmental Science, University of Virginia

UVM/GEOLOGY > Department of Geology, University of Vermont

UVM/GIEE > Gund Institute for Ecological Economics, the University of Vermont

UVM/RSENR > Rubenstein School of Environment and Natural Resources, University of Vermont

UW/WYGISC > Wyoming Geographic Information Science Center, University of Wyoming

UWA/APL > Applied Physics Laboratory, University of Washington

UWA/APL/PSC > Polar Science Center, Applied Physics Laboratory, University of Washington

UWA/ATMOS > Department of Atmospheric Science, University of Washington

UWA/ATMOS/JISAO > Joint Institute for the Study of the Atmosphere and Ocean, Department of Atmospheric Sciences, University of Washington

UWA/ATMOS/JISAO/CSSES > Center for Science in the Earth System, Joint Institute for the Study of the Atmosphere and Ocean, Department of Atmospheric Sciences, University of Washington

UWA/CFR > College of Forest Resources, University of Washington

UWA/ESS > Earth and Space Sciences, University of Washington

UWA/ESS/GLACIOLOGY > Glaciology, Near-Surface Geophysics, Earth and Space Sciences, University of Washington

UWA/ESS/QRC > Quaternary Research Center, Earth and Space Sciences, University of Washington

UWA/ESS/QRC/COSMOLAB > Cosmogenic Nuclide Lab, Quaternary Research Center, Earth and Space Sciences, University of Washington

UWA/ESS/SPACE > Earth and Space Sciences, Space Physics Group, University of Washington

UWA/HYDRO > Land Surface Hydrology Research Group, University of Washington

UWA/OCEAN > School of Oceanography, University of Washington

UWA/SAFS/CBR > Columbia Basin Research, School of Aquatics and Fisheries Sciences, University of Washington

UWA/SAFS/UWFC > University of Washington Fish Collection, School of Aquatic and Fishery Sciences, University of Washington

UWC/BOT/SA > SeaweedAfrica, Department of Botany, University of the Western Cape

UWI-GB/NAS > Department of Natural and Applied Sciences, University of Wisconsin-Green Bay

UWI-MAD/DCS > Department of Computer Sciences, University of Wisconsin, Madison

UWI-MAD/IES/CCR > Center for Climatic Research, Gaylord Nelson Institute for Environmental Studies, University of Wisconsin, Madison

UWI-MAD/IES/SAGE > Center for Sustainability and the Global Environment, Gaylord Nelson Institute for Environmental Studies, University of Wisconsin, Madison

UWI-MAD/MLCR > McArdle Laboratory for Cancer Research, University of Wisconsin, Madison

UWI-MAD/SOILS > Department of Soil Science, University of Wisconsin, Madison

UWI-MAD/SSEC > Space Science and Engineering Center, University of Wisconsin, Madison

UWI-MAD/SSEC/AMRC > Antarctic Meteorological Research Center, Space Science and Engineering Center, University of Wisconsin, Madison

UWI-MAD/SSEC/CIMSS > Cooperative Institute for Meteorological Satellite Studies, Space Science and Engineering Center, University of Wisconsin, Madison

UWI-MAD/SSEC/CIMSS/POLAR > Polar Satellite Meteorology and Climatology, Cooperative Institute for Meteorological Satellite Studies, SSEC, University of Wisconsin, Madison

UWI-MIL/GEOL > Department of Geosciences, University of Wisconsin-Milwaukee

UWI-SP/GEOG-GEOL > Department of Geography and Geology, University of Wisconsin-Stevens Point

UWYO/SMTC > Science and Mathematics Teaching Center, University of Wyoming

UY/IAU/CUDA > Centro Uruguayo de Datos Antarticos, Instituto Antartico Uruguayo, Uruguay

V-GAI > Vaisala-GAI Inc.

VA/CLIM > State Climate Office, Virginia

VA/DOF > Department of Forestry, Virginia

VA/VDGIF/FWIS > Fish and Wildlife Information Service, Department of Game and Inland Fisheries, Virginia

VA/VDGIF/WDD > Wildlife Diversity Division, Department of Game and Inland Fisheries, Virginia

VANAQUA > VANCOUVER AQUARIUM MARINE SCIENCE CENTRE



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Olsen, L.M., G. Major, K. Shein, J. Scialdone, R. Vogel, S. Leicester, H. Weir, S. Ritz, T. Stevens, M. Meaux, C. Solomon, R. Bilodeau, M. Holland, T. Northcutt, R. A. Restrepo, 2007 .
 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

VANDERBILT/EES > Department of Earth and Environmental Sciences, Vanderbilt University
 VATECH/CMI > Conservation Management Institute
 VATECH/PPWS > Department of Plant Pathology, Physiology, and Weed Science, Virginia Polytechnic Institute and State University
 VCGI > Vermont Center for Geographic Information
 VERIDIAN/TERRAIN > Terrain Data, Veridian
 VORSIM > VORSIM
 VRIJE-A/FES > Faculty of Earth Science, Vrije Universiteit, Amsterdam
 VRIJE-B/CHEM/ANCH > Laboratory of Analytical and Environmental Chemistry, Department of Chemistry, Vrije Universiteit, Brussels
 VSI > Vivid Solutions Inc.
 VT > Video Transfer, Inc.
 VT/ANR > Agency of Natural Resources, Vermont
 VT/ANR/DEC/GS > Geological Survey, Department of Environmental Conservation, Agency of Natural Resources, Vermont
 VT/ANR/DEC/WQ > Water Quality, Department of Environmental Conservation, Agency of Natural Resources, Vermont
 VT/ANR/DEC/WS > Water Supply, Department of Environmental Conservation, Agency of Natural Resources, Vermont
 VT/ANR/FWD/NNHP > Nongame and Natural Heritage Program, Department of Fish and Wildlife, Agency of Natural Resources, Vermont
 VT/CLIM > Office of the State Climatologist, Vermont
 VTP > Virtual Terrain Project
 VUW/SES/WC > Weather and Climate, School of Earth Science, Victoria University Wellington, New Zealand
 WA-STATE/BIO-SCI > School of Biological Sciences, Washington State University
 WA/DE > Department of Ecology, Washington State
 WA/ECO/CMAP/SWCES > Southwest Washington Coastal Erosion Study, Coastal Monitoring & Analysis Program, Department of Ecology, Washington
 WA/PSWQAT > Puget Sound Water Quality Team, Washington
 WA/TPL > Tacoma Public Library, Tacoma, Washington
 WATERKEEPER > Waterkeeper Alliance
 WCRP/GPCC > Global Precipitation Climatology Centre, World Climate Research Programme
 WDC/GEOLOGY, BEIJING > World Data Center for Geology, Beijing
 WDC/GEOMAGNETISM, EDINBURGH > World Data Center for Geomagnetism, Edinburgh
 WDC/GEOPHYSICS, BEIJING > World Data Center for Geophysics, Beijing
 WDC/GLACIOLOGY, BOULDER > World Data Center for Glaciology, Boulder
 WDC/GREENHOUSE GASES, TOKYO > World Data Center for Greenhouse Gases, Tokyo
 WDC/IONOSPHERE, TOKYO > World Data Center for Ionosphere, Tokyo
 WDC/METEOROLOGY, ASHEVILLE > World Data Center for Meteorology, Asheville
 WDC/METEOROLOGY, OBNINSK > World Data Center for Meteorology, Obninsk
 WDC/MGG, BOULDER > World Data Center for Marine Geology and Geophysics, Boulder
 WDC/OCEANOGRAPHY, OBNINSK > World Data Center for Oceanography, Obninsk
 WDC/PALEOCLIMATOLOGY, BOULDER > World Data Center for Paleoclimatology, Boulder
 WDC/RADIATION, ST. PETERSBURG > World Data Center for Radiation, St. Petersburg
 WDC/RR&E, BEIJING > World Data Center for Renewable Resources & Environment, Beijing
 WDC/SEG, BOULDER > World Data Center for Solid Earth Geophysics, Boulder
 WDC/SEISMOLOGY, DENVER > World Data Center for Seismology, Denver
 WDC/SEP, MOSCOW > World Data Center for Solid Earth Physics, Moscow
 WDC/SOILS, ISRIC, WAGENINGEN > World Data Center for Soils, ISRIC - World Soil Information, Wageningen
 WDC/STP, BOULDER > World Data Center for Solar-Terrestrial Physics, Boulder
 WDC/STP, MOSCOW > World Data Center for Solar-Terrestrial Physics, Moscow
 WDC/STS/IPS, SYDNEY > Ionospheric Prediction Service, World Data Centre for Solar Terrestrial Science, Sydney
 WDC/WOUDC, TORONTO > World Data Center for Ozone and Ultraviolet Radiation, Toronto
 WEBMIN/MD > Mineralogy Database, WebMineral
 WESLEYAN/EES > Department of Earth and Environmental Sciences, Wesleyan University
 WFC/FB > FishBase, WorldFish Center
 WFC/RB > ReefBase, WorldFish Center
 WGBH/EF/TD > Teachers' Domain, Education Foundation, WGBH
 WGMS > World Glacier Monitoring Service
 WGT > Weather Graphics Technologies
 WHOI/AOPE/COFDL > Coastal and Ocean Fluid Dynamics Laboratory, Applied Ocean Physics and Engineering Department, Woods Hole Oceanographic Institution
 WHOI/AOPE/OAL > Ocean Acoustics Lab, Applied Ocean Physics and Engineering Department, Woods Hole Oceanographic Institution
 WHOI/DGG/NOSAMS > National Ocean Sciences Accelerator Mass Spectrometer Facility, Department of Geology and Geophysics, Woods Hole Oceanographic Institution
 WHOI/DGG/PALEOCEANOGRAPHY > Paleooceanography Laboratory, Department of Geology and Geophysics, Woods Hole Oceanographic Institution
 WHOI/MCG > Marine Chemistry and Geochemistry Department, Woods Hole Oceanographic Institution
 WHOI/MVCO > Martha's Vineyard Coastal Observatory, Woods Hole Oceanographic Institution
 WHOI/PO > Physical Oceanography Department, Woods Hole Oceanographic Institution
 WHOI/UOPG > Upper Ocean Processes Group, Woods Hole Oceanographic Institution
 WHOI/WFDAC > WOCE Subsurface Float Assembly Center, Woods Hole Oceanographic Institution
 WHOI/WSG > Woods Hole Sea Grant Program, Woods Hole Oceanographic Institution (WHOI) Sea Grant Program
 WHS > Woodroffe High School, Canada
 WHS/RES > Regents Earth Science, Wilson High School
 WIDENER-U/CAS > College of Arts and Science, Widener University
 WIS/PHYSICS > Faculty of Physics, Weizmann Institute of Science
 WJU/CET > Center for Educational Technologies, Wheeling Jesuit University
 WLDELFT > Delft Hydraulics
 WM > World Mapper
 WNPS/WENATCHEE/SKIS > Six Kingdom Inventory System, Wanatchee Chapter, Washington Native Plant Society
 WORLDSAT > WorldSat International Inc.
 WPTI > The Wildlife Trust



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 NASA/Global Change Master Directory (GCMD) Earth Science Keywords. Version 6.0.0.0.0

WR/WRCC > Western Regional Climate Center
 WRI > World Resources Institute
 WU-SL/EPS/MARGINS > MARGINS, Department of Earth and Planetary Sciences, Washington University in St. Louis
 WUR/ALTERRA > ALTERRA, Wageningen University and Research Centre
 WUR/DES/ESAG > Environmental Systems Analysis Group, Department of Environmental Sciences, Wageningen University and Research Center
 WUR/LIB/GCW > Green City Wageningen, Wageningen UR Library, Wageningen University and Research Centre
 WUSTL/DATAFED > DataFed, Washington University in St. Louis
 WV/GISTC > GIS Technical Center, West Virginia
 WVU/FOR > Forestry Department, West Virginia University
 WWF > World Wildlife Fund
 WWSS > Watershed Watch Salmon Society
 WWU/SPMC > Shannon Point Marine Center, Western Washington University
 WX_UNDERGROUND > The Weather Underground, Inc.
 WY/CLIM > State Climatologist Office, Wyoming
 WY/TC/DEM > Department of Emergency Management, Teton County, Wyoming
 YALE/EPMP > Environmental Performance Measurement Project, Yale University
 YAMAGATA/FE > Faculty of Engineering, Yamagata University
 Z-ZNR > Zoonomen - Zoological Nomenclature Resource
 ZA/CSIR/SADCO > Southern African Data Center for Oceanography, Council for Scientific and Industrial Research, South Africa
 ZA/DEAT > Department of Environmental Affairs and Tourism, South Africa
 ZA/DEAT/MCM > Marine and Coastal Management, Department of Environmental Affairs and Tourism, South Africa
 ZA/DPLG/SANDMC > South Africa Natural Disaster Management Centre, Department of Provincial and Local Government, South Africa
 ZOOGENE > Zooplankton Genomics
 ZURICH/GEOG > Department of Geography, University of Zurich Switzerland



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