USGS Publication Series Definitions

Introduction and background

The U.S. Geological Survey (USGS) is renowned for its high-quality science and publications. The USGS scientists are participating to a greater extent in integrated, interdisciplinary studies that are appropriate for interdisciplinary research results. In addition, the USGS needs series that will accommodate the needs of the individual disciplines by providing a broad range, from the old "informal" reports required to meet stringent deadlines (such as FOIAs) to the highly regarded Professional Papers and Biological Science Reports. The USGS publications must maintain our reputation for high quality and must be timely. The USGS must also look to new technologies, new ways of presenting our scientific results, and new kinds of information that go beyond print publishing.

The Geographic Information Office (GIO) is implementing a set of publication series that are broadly usable by all disciplines, are based on current series, and reduce redundancies. This appendix accompanies and elaborates on SM 1100.3—U.S. Geological Survey Publication Series, in which publication series are briefly defined.

The publication series are defined on the basis of content and audience. The four distinct audience types are described in the USGS Communications Framework (http://www.usgs.gov/visual-id/manual/framechart.html): core professional, non-core professional, the general public, and USGS employees. Scientific reports and maps are generally directed to core and non-core professional audiences. Circulars, Fact Sheets, and General Information Products are predominantly directed to a general audience and should not contain new scientific information or data; however, Circulars and Fact Sheets can be directed to core and non-core professionals. Materials must be properly geared toward the audience's needs and familiarity with the subject matter.

The Office of Communications (OC) has an important role in the USGS publishing process, especially with regard to products designed for the general public, Congress, and non-core professionals. The OC staff at headquarters and in the regions work with reports specialists to assist in concept approval, design guidelines, and distribution plans to ensure that these products have maximum impact on their intended audience and make effective use of appropriated funds. Originating offices are strongly encouraged to consult with the OC at headquarters or in the regions at the concept stage, to ensure that content and format are consistent with the intended use and to develop a communication plan.

The USGS Visual Identity System (VIS) must be used for USGS publications. Templates for reports (books) and fact sheets make adherence to the USGS visual identity system easier. Report and fact sheet templates are available in Adobe InDesign and FrameMaker. Specifications and downloadable templates can be found at the USGS VIS Web site (http://www.usgs.gov/visual-id/).

The series definitions primarily address policy rather than procedure. They address the why rather than the how or who. Except in some instances where policy directly affects procedure (such as using the Report Numbering System), procedure is left as it currently exists or as each discipline or region chooses to modify it or until Bureau procedure is implemented.

All information products must receive delegated approval before release. This policy includes bookmarks and postcards, which are included in the numbered General Information Product series. Delegated approval referred to in the definitions is specified in SM1100.2- Approval for Information Products (currently <u>SM 500.8</u> and <u>SM 500.9</u>).

The following information should be included on publications containing trade names: "Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Government." When applicable, publications may include the following statements: "This report (map) was prepared under contract to (a grant from) the U.S. Geological Survey," and/or "Released in response to a Freedom of Information Act request."

Series definitions

[Abbreviations used below: USGS Branch of Information Services (BIS), Denver, CO; Earth Science Information Centers (ESICs); Government Printing Office (GPO) Federal Depository Library Program; National Archives and Records Administration (NARA); National Technical Information Service (NTIS); and Federal Geographic Data Committee (FGDC).]

| <u>Administrative Report</u> | <u>Circular</u> | <u>Data Series</u> | <u>Fact Sheet</u> | <u>General Information Product</u> | <u>Open-File Report</u> | | <u>Professional Paper</u> | <u>Scientific Investigations Map</u> | <u>Scientific Investigations Report</u> | <u>Techniques and Methods</u> |

Series Name	Professional Paper
Target Audience	Core professionals and non-core professionals.
Purpose	Scientific or technical information.
Content	Premier series of the USGS. Comprehensive reports of wide and lasting interest and
	scientific importance, characterized by thoroughness of study and breadth of
	scientific or geographic coverage. The series may include collections of related
	papers addressing different aspects of a single scientific topic, either issued together
	under one cover or separately as chapters.
Frequency	Irregular.
Media	Paper print, CD/DVD, or online. Must be released electronically; can be online only.
Color	As appropriate to convey information clearly.
Length	Variable.
Visual Style	The USGS VIS must be used. The VIS book templates comply with this system.
	Illustrations and photographs should be of highest quality. Oversize plates are
	permitted if essential to convey adequately the substance of a report. Art covers are
	allowed for reports of high interest.
Numbering	Official report numbering system must be used. Series name to be written as
	Professional Paper, followed by series number with no letter prefix and no leading
	zeroes, for example, Professional Paper 2345. May have chapters indicated by letter
D. 1. /E 141	suffix, as Professional Paper 2345–A.
Review/Editing	Minimum of two technical reviews required. Must be edited.
Approval	Must receive delegated approval prior to release.
Distribution:	BIS, ESICs, USGS libraries, Gifts and Exchange Program.
• # Distributed	Determined by project or program needs; minimum number to supply sales
0.11.1	needs and depository and gifts and exchange requirements.
• Outlets	BIS, ESICs, online. For online-only releases, only persistent URL is needed
• To BIS	Paper print or CD/DVD; persistent URL.
• Sales Item	• Yes, if paper or CD/DVD; no, if online only.
• Sales Lifecycle	• Review after 5 years or after initial stock is depleted, whichever comes first, to
	determine if stock should be replenished, retained, or reduced, based on history
	of demand.
GPO Depositories	Yes. For online-only releases, only persistent URL is needed.
Archive	NARA.
Comments	Maps on oversize plates must be accompanied by spatial databases and FGDC-
	compliant metadata.
	• Includes some publications that formerly would have been released as Biological
	Science Reports or Digital Data Series.

Scientific Investigations Report
Core professionals and non-core professionals.
Release of scientific or technical information.
Significant data and interpretations of lasting scientific interest but generally
narrower in scope than Professional Papers. Includes collections of related papers
addressing different aspects of a single scientific topic, either issued as individual
chapters or as a single volume; proceedings and abstracts for USGS-sponsored
meetings; some field trip guidebooks and road logs; and general manuals.
Irregular.
Paper print, CD/DVD, video, or online. Must be released electronically; can be
online only.
As appropriate to convey information clearly.
Variable.
The USGS visual identity system must be used. The VIS book templates comply
with this system. Oversize plates are permitted if essential to convey the content of
the report. Art covers may be provided for reports of high interest.
Official report numbering system must be used. Series name to be written as
Scientific Investigations Report, followed by series number (which includes the four-
digit year) with no letter prefix. The numbering begins with 5001 for each calendar
year, for example, Scientific Investigations Report 2004-5001. May be issued as
separate related publications indicated by letter suffix, as Scientific Investigations
Report 2004-5001–A.
Minimum of two technical peer reviews required. Must be edited.
Must receive delegated approval prior to release.
BIS, ESICs, USGS libraries, Gifts and Exchange Program.
 Determined by project or program needs; minimum number to supply sales needs and depository and gifts and exchange requirements.
BIS, ESICs, online. For online-only releases, only persistent URL is needed.
Paper print or CD/DVD; persistent URL.
• Yes, if paper, CD/DVD, or video; no, if online only.
• Review after 5 years or after initial stock is depleted, whichever comes first, to
determine if stock should be replenished, retained, or reduced, based on history
of demand.
Yes. For online-only releases, only persistent URL is needed.
NARA.
• Maps on oversize plates must be accompanied by geospatial database and FGDC-
compliant metadata.
• Includes some publications that formerly would have been released as
interpretive Biological Science Reports, BRD Information and Technology Series
reports, Bulletins, Water Resources Investigations Reports, Digital Data Series,
and Open-File Reports.

Series Name	Scientific Investigations Map
Target Audience	Core professionals, non-core professionals, and less commonly, general public.
Purpose	Publication of oversize (larger than page-size), thematic maps and other graphic
	content.
Content	Scientific results of studies presented as maps, charts, stratigraphic sections, or other
	large illustrations. Map sheet or pamphlet may include additional descriptive
	information, photographs, or other illustrations. The series also may include
	collections of related maps addressing different aspects of a single geographic area
	or scientific topic, issued separately, or as an atlas, issued collectively in book
Engguenav	format.
Frequency Media	Irregular. Paper print, print on demand, CD/DVD, or online. Must be released electronically;
Media	can be online only.
Color	As appropriate to convey information clearly. Generally four or more colors;
Color	designed for a four-color process when possible.
Length	Variable; generally one oversize sheet, but may be several sheets. May include
0	separate explanatory pamphlet. May be issued as an atlas.
Visual style	Use USGS thematic map standards. Cartographic preparation of printed maps should
·	assure cost-effective and high-quality printing.
Numbering	Official report numbering system must be used. Series name to be written as
	Scientific Investigations Map, followed by series number with no letter prefix and no
	leading zeroes, for example, Scientific Investigations Map 2345. May be issued as
	separate related publications indicated by letter suffix, as Scientific Investigations
D ' / 1'4'	Map 2345–A.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval Distribution:	Must receive delegated approval prior to release.
• # Distributed	BIS, ESICs, USGS libraries, Gifts and Exchange Program.
• # Distributed	 Determined by project or program needs; minimum number to supply sales needs and depository and gifts and exchange requirements.
• Outlets	BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	Paper print or CD/DVD; persistent URL.
• Sales Item	• Yes, if paper, print on demand, or CD/DVD.
• Sales Lifecycle	• For paper, review after 5 years or after initial stock is depleted, whichever comes
Sales Lifecycle	first, to determine if stock should be replenished, retained, or reduced, based on
	history of demand.
GPO Depositories	Yes. For online-only releases, only persistent URL is needed.
Archive	NARA.
Comments	Spatial data must be accompanied by spatial database and FGDC-compliant metadata.
	Geospatial databases that are not accompanied by a graphic or map presentation can be published
	in the Data Series.Normally, printed sheets are folded and inserted into standard map jackets; some may be flat only.
	 Normany, printed sheets are folded and inserted into standard map jackets, some may be flat only. Includes publications that formerly would have been released as Geologic (Miscellaneous)
	Investigations Series maps, Miscellaneous Field Studies Maps, Hydrologic Investigations Atlases,
	or some Open-File Reports, Water Resources Investigations Reports, or Digital Data Reports.
	May include future State Hydrologic Unit Maps.
	 Topographic maps, orthophoto quads, DEMs, DLQs, DOQs, DLGs, and DRGs, which are primarily Geographic products, are not included in this series.
	primarny deographic products, are not included in this series.

Series Name	Data Series
Target Audience	Core professionals and non-core professionals.
Purpose	Release of scientific data.
Content	The Data Series is intended for release of basic data sets, databases, and multimedia
	or motion graphics. This series can be used for videos, computer programs, and
	collections of digital photographs.
Frequency	Irregular.
Media	Online, CD/DVD, video, or, rarely, paper. Must be released electronically; can be
	online only.
Color	As appropriate to convey information clearly.
Length	Variable.
Visual style	The USGS visual identity system must be used. The VIS book templates comply
	with this system and can be used when applicable but are not required.
Numbering	Official report numbering system must be used. Series name to be written as Data
	Series, followed by series number with no letter prefix and no leading zeroes, for
	example, Data Series 45. May have separately issued parts indicated by letter suffix,
	as Data Series 45–A.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval	Must receive delegated approval prior to release.
Distribution:	BIS, ESICs, USGS libraries, Gifts and Exchange Program.
• # Distributed	Determined by project or program needs; minimum number to supply sales
	needs and depository and gifts and exchange requirements.
• Outlets	• BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	CD/DVD or paper; persistent URL.
• Sales Item	• Yes, if CD/DVD; no, if online only.
• Sales Lifecycle	• Review after 5 years or after initial stock is depleted, whichever comes first, to
	determine if stock should be replenished, retained, or reduced, based on history
	of demand.
GPO Depositories	Yes. For online-only releases, only persistent URL is needed.
Archive	NARA.
Comments	• The use is for data that cannot be easily released in print format. When the
	content is primarily in book or map format, one of the other series may be more
	appropriate.
	Spatial data must be accompanied by spatial database and FGDC-compliant
	metadata.
	• Includes some publications that formerly would have been released as Open-File
	Reports or in the Digital Data Series.

Series Name	Techniques and Methods
Target Audience	Core professionals and USGS employees.
Purpose	Describe approved scientific and data-collection procedures and standard methods
	for planning and executing studies and laboratory analyses.
Content	Description of procedures for the collection, analysis, or interpretation of scientific
	data. Includes selected computer programs, including manuals and documentation
	that represent major models, methodology, or techniques.
Frequency	Irregular.
Media	Paper print, CD/DVD, or online. Must be released electronically; can be online only.
Color	As appropriate to convey information clearly.
Length	Variable.
Visual style	Format is flexible. Use of VIS book template is not required, but general VIS
	guidelines, including use of the identifier are to be followed. May use internal
	military numbering scheme to reference paragraphs within the report.
Numbering	Official report numbering system must be used. Series name to be written as
	Techniques and Methods, followed by series number with no letter prefix and no
	leading zeroes, for example, Techniques and Methods Book 8. May have chapters
	and sections indicated by letters and numbers, as Techniques and Methods Book 8,
D / 11/1	Chapter A, Part 3.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval	Must receive delegated approval prior to release.
Distribution:	BIS, ESICs, USGS libraries, Gifts and Exchange Program.
• # Distributed	Determined by project or program needs; minimum number to supply sales
	needs and depository and gifts and exchange requirements.
• Outlets	• BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	Paper print or CD/DVD; persistent URL.
Sales Item	• Yes, if paper or CD/DVD; no, if online only.
• Sales Lifecycle	• Review after 5 years or after initial stock is depleted, whichever comes first, to
	determine if stock should be replenished, retained, or reduced, based on history
	of demand.
GPO Depositories	Yes. For online-only releases, only persistent URL is needed.
Archive	NARA.
Comments	• Includes publications that formerly would have been released as Techniques of
	Water Resources Investigations, topographic instructions and standards, and a
	few reports that are technical manuals of laboratory techniques.
	Students in the physical and biological sciences are included in the core
	professional audience type.

Series Name	Circular
Target Audience	General public, non-core professionals, and core professionals.
Purpose	Broadly educate and inform about science and public policy topics, related to the
	mission of the USGS.
Content	A wide variety of topics covered concisely and clearly to provide a synthesis of
	understanding about processes, geographic areas, issues, or USGS programs. The
	Circular should be aimed at enhancing knowledge and understanding among general
	audiences, decision makers, university students, and scientists in related fields. This
	series should not be used to present new data or new scientific findings.
Frequency	Irregular.
Media	Paper print, CD/DVD, or online. Must be released electronically; can be online only.
Color	As appropriate to convey information clearly.
Length	Variable, but generally short; oversize plates may not be included.
Visual style	The USGS visual identity system must be used. The VIS book templates comply
	with this system. Generally includes extensive use of color, photographs, and simple
	illustrations. Art covers are allowed.
Numbering	Official report numbering system must be used. Series name to be written as
	Circular, followed by series number with no letter prefix and no leading zeroes, for
	example, Circular 345.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval	Must receive delegated approval prior to release. If a design different from the
	template is desired, design concept must be approved during the Delegated approval
	process.
Distribution:	BIS, ESICs, USGS libraries, Gifts and Exchange Program.
• # Distributed	• Determined by project or program needs; minimum number to supply sales
	needs and depository and gifts and exchange requirements.
• Outlets	• BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	Paper print or CD/DVD; persistent URL.
• Sales Item	• No, free.
Sales Lifecycle	• Review after 5 years or after initial stock is depleted, whichever comes first, to
	determine if stock should be replenished, retained, or reduced, based on history
	of demand.
GPO Depositories	Yes. For online-only releases, only persistent URL is needed.
Archive	NARA.
Comments	None.

Series Name	Fact Sheet
Target Audience	General public, non-core professionals, and core professionals.
Purpose	Inform and educate about USGS science and products.
Content	A wide variety of topics covered concisely and clearly; focus is on USGS science,
	programs, projects, and data and how they address issues of public interest. This
	series should not be used to release new scientific data or information that has not
	been published elsewhere. May be used to summarize or publicize results of
	previously published studies and their implications. May be used to release new
	information about USGS programs and products.
Frequency	Irregular.
Media	Paper print or online. Must be released electronically; can be online only.
Color	As appropriate to convey information clearly.
Length	Normally 1 to 4 pages; maximum six pages. Use of a 6-page Fact Sheet is allowed
	but is not encouraged. Paper size 8 1/2" by 11".
Visual style	The USGS visual identity system must be used. The VIS fact sheet templates comply
	with this system. Illustrative and generally extensive use of color.
Numbering	Official report numbering system must be used. Series name to be written as Fact
	Sheet, followed by series number (which includes the four-digit year) with no letter
	prefix. The numbering begins with 3001 for each calendar year, for example, Fact
D ' / 1'/'	Sheet 2004–3001.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval	Must receive delegated approval prior to release.
Distribution:	BIS, ESICs, USGS libraries.
• # Distributed	Minimum 500 copies to BIS, if printed; additional copies to meet project or
	program needs.
• Outlets	• BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	Paper print, persistent URL.
• Sales Item	• No, free.
• Sales Lifecycle	• Review after 2 years or after initial stock is depleted, whichever comes first, to
	determine if stock should be replenished, retained, or reduced, based on history
	of demand.
GPO Depositories	No.
Archive	NARA.
Comments	None.

Series Name	General Information Product
Target Audience	General public.
Purpose	Specifically intended to educate and inform teachers, students, the news media, nature enthusiasts, and anyone interested in studying things in, on, or around the Earth.
Content	A wide variety of topics covered concisely and clearly in a variety of formats. Focus is on USGS programs, projects, and services and general scientific information of public interest. The series covers a broad range of topics in a variety of media, including pamphlets, postcards, posters, videos, teacher kits, CD/DVDs, bookmarks, and interactive and motion graphics. This series should not be used for new scientific data.
Frequency	Irregular.
Media	Paper print (pamphlets, posters), CD/DVD, video, or online. Must be released electronically; can be online only, although generally released in other media.
Color	As appropriate to convey information clearly.
Length	Variable, but generally short. May include pamphlets, posters, videos, CDs, postcards, bookmarks, or other information products appropriate for the content and audience.
Visual style	The USGS visual identity system must be used. Extensive use of illustrations and photographs.
Numbering	Official report numbering system must be used. Series name to be written as General Information Product, followed by series number with no letter prefix and no leading zeroes, for example, General Information Product 345. On products that are too small, such as bookmarks, to write full series name, product is to be identified as GIP followed by series number, as GIP 17; do not use en dash between initials and number.
Review/editing	Minimum of two technical peer reviews required. Must be edited.
Approval	Must receive delegated approval prior to release. Design and content concept must be approved by the Office of Communications. Outreach videos require concept approval by the Department of the Interior and Office of Communications before production can begin.
Distribution:	BIS, ESICs, USGS libraries.
• # Distributed	Determined by project or program needs; minimum number to supply BIS and ESICs.
• Outlets	BIS, ESICs, online. For online-only releases, only persistent URL is needed.
• To BIS	Paper print, CD/DVD, or video; persistent URL.
• Sales Item	Variable.
• Sales Lifecycle	 Review after 5 years or after initial stock is depleted, whichever comes first, to determine if stock should be replenished, retained, or reduced, based on history of demand.
GPO Depositories	No.
Archive	NARA.
Comments	 Text products more detailed than pamphlets should be released as Circulars. FGDC-compliant metadata is required for map-like posters.

Open-File Report
Core professionals and non-core professionals.
Dissemination of information that must be released immediately to fill a public need
or information that is not sufficiently refined to warrant publication in one of the
other USGS series.
Interpretive information that needs to be released immediately; maps and reports
(and their supporting data) that need to be released as supporting documentation
because they are referenced, discussed, or interpreted in another information product;
preliminary findings (pending a final map or report); interim computer programs and
user guides; bibliographies.
Irregular. Myst be released electronically (expent videos) Can be online only. May also be
Must be released electronically (except videos). Can be online only. May also be released as CD/DVD, video, or paper; paper release is for local use only.
As appropriate to convey information clearly.
Variable.
Format is flexible. Must conform to USGS VIS standards for Open-File Reports,
including use of USGS identifier, title page format, and fonts. The VIS Open-File
Reports title page template complies with this system. Products should be produced
in a cost-effective manner consistent with rapid publication.
Official report numbering system must be used. Series name to be written as Open-
File Report, followed by series number (which includes the four-digit year) with no
letter prefix. The numbering begins with 1001 for each calendar year, for example,
Open-File Report 2004–1001.
Series must have two technical peer reviews and must meet minimal editorial
standards.
Must receive delegated approval prior to release.
BIS, USGS libraries. Courtesy copies to States, as appropriate.
Determined by project or program needs; for CD/DVD or video, minimum
number to supply BIS.
BIS, online. For online-only releases, only persistent URL is needed.
• 1 copy of Paper, CD/DVD or video; persistent URL.
• Yes, if video or CD/DVD; no, if online only.
Discontinued when superseded.
Yes. For online-only releases, only persistent URL is needed.
NARA.
• Paper release is discouraged. In those cases where paper release is necessary,
manuscripts and illustrations should be professional in appearance and entirely
legible when reproduced by the xerographic process. The copy for reproduction
should be single spaced if it is to be a print publication. Oversized illustrations are
permitted but these must be on a reproducible film positive or provided as print-on- demand files. Map reports and oversized illustrations accompanying book reports
must be no wider than 54 inches (42 inches is recommended) to permit reproduction.
• Spatial data must be accompanied by spatial database and FGDC-compliant
metadata.
Videos that are technical or scientific rather than outreach and are preliminary in
nature or rough, such as drill-core footage, can be placed in this series without Office
of Communications or departmental concept approval.

Series Name	Administrative Report
Target Audience	Federal agency funding project.
Purpose	Document studies and findings that are released to Federal agencies in recognition
_	of the proprietary interests those agencies have in the subject area.
Content	Scientific or technical studies.
Frequency	Irregular.
Media	Based on funding agency needs.
Color	As appropriate to convey information clearly.
Length	Variable, but usually short.
Visual style	No USGS format or style requirements; generally plain.
Numbering	No numbering is used on these reports.
Review/editing	Series must have two technical peer reviews and must meet minimal editorial
	standards.
Approval	Must receive delegated approval prior to release.
Distribution:	Requesting Federal agency; one copy to USGS Library (Reston) for restricted
	collection, until released.
• # Distributed	Only reproduced in quantities to meet funding agency needs.
• Outlets	• None.
• To BIS	• None.
• Sales Item	Based on funding agency needs.
Sales Lifecycle	Not applicable.
GPO Depositories	No.
Archive	No.
Comments	• Use of this series is not encouraged. Administrative Reports are considered to be
	unpublished and may not be cited or quoted except in follow-up administrative
	reports to the same Federal agency or unless the agency releases the report to the
	public.