

OPIS Quick Reference

NASA EXPLORATION LIFE SUPPORT ONLINE PROJECT INFORMATION SYSTEM (OPIS)

OPIS is a Web-based database that collects and provides information about Exploration Life Support, including:

- Project objectives
- Project team members
- Project status information
- Project technical data

For more information about OPIS, go to: <https://opis.arc.nasa.gov>
or contact the OPIS Administration via email: opis@arc.nasa.gov

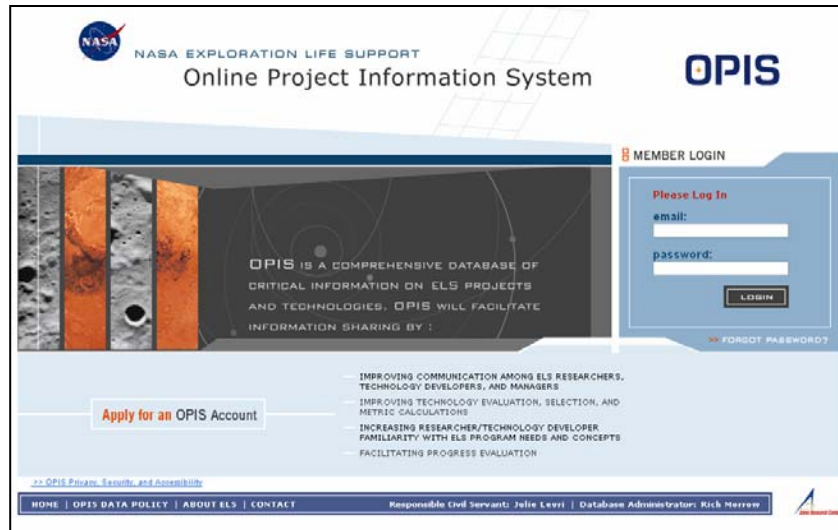
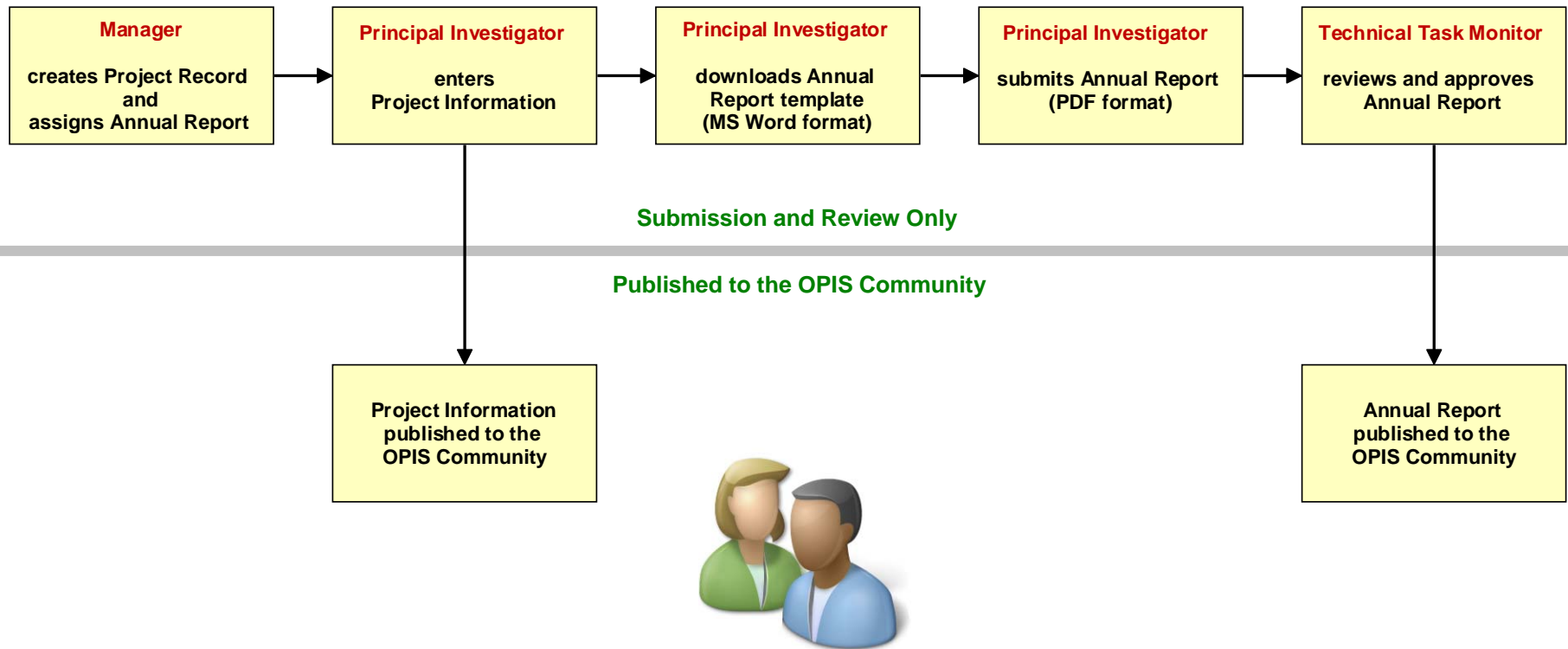


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The OPIS Publication Process

Below is a diagram of the OPIS project and annual report submission, approval and publication process. Information above the grey line is visible to OPIS members with related responsibilities (such as Project Managers, PI's, Editors, Team Members, and Technical Task Monitors) while information below the grey line has been published and is visible to the entire OPIS community.



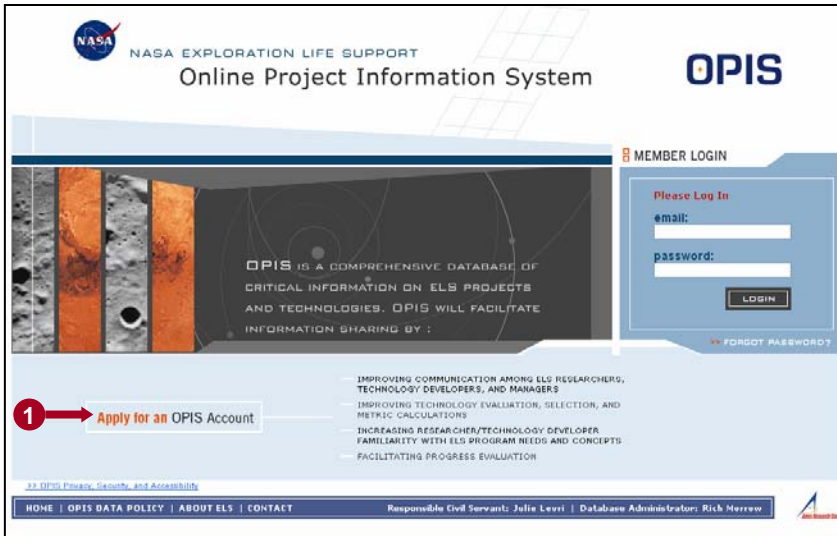
User Accounts > Applying for an Account

APPLYING FOR AN ACCOUNT FROM THE LOGIN PAGE

- 1 Click **Apply for an OPIS Account**.
- 2 Type your last name and click on **Submit**.
- 3 If an account for you already exists in the list, click on your name to return to the login page.
- 4 If no account for you exists, click the "continue" link.
- 5 Complete the account application, then click **Submit Application**.

APPLYING FOR AN ACCOUNT AFTER BEING NOMINATED

If you have been nominated for an account, you must login with the username and password that were emailed to you in order to complete your application.



Create a New Account: Name Search

To begin the application process, enter your last name

Last Name 2

If you already have an OPIS account and have forgotten your password, please do not register for a new account. Instead, you should [reset your password](#)

If your registered email address is no longer valid or if you've been locked out of your account, please [contact the OPIS Administrator](#)

Create a New Account: Name Search -- Matches Found

The following last name matches were found in the OPIS database. If your information is listed, please click the link corresponding to your identity. You will be taken to the login page with your username pre-filled in the email textbox. You will need to enter your password on the login page in order to continue.

3 [Doe, Alex \[Jacobs Sverdrup\]](#)

If you have forgotten your password, [click here](#) to request a new one.

If none of the matches above is correct, [click here to continue with your account application](#) 4

Create a New Account

Create a New Account: Submit Account Application

* Indicates a required item. Contact information and email address will be posted to your Member Profile page, which is accessible by any registered OPIS user.

Contact Information

First Name * M.I. Last Name *

Address

City

State * Zip Code

Email *

Retype Email *

Please use your business (not your personal) email address.

Work Phone/Ext *

Fax #

NASA Civil Servant? *

NASA Center *

Only civil servants can specify a NASA Center as their institution. All non-civil servants must specify their contracting organization.

Other

Password *

Retype Password *

Password must be a minimum of eight characters and contain at least one lowercase letter, at least one uppercase letter, and at least one number (e.g. pa55Word)

Security Information

Note: security information will not appear on your user profile page

US Citizenship/Status *

US Citizen

Permanent Resident Card (Green Card) Holder

Neither

Select all Non-US Citizenships *

None

Afghanistan

Albania

Algeria

American Samoa

Use ctrl-click to select multiple values

Referred By *

The OPIS-Affiliated Reference should be either the PI of your project, your Technical Task Monitor, or a Civil Servant in the ELS Program who can verify your need to access OPIS

Reason for Requesting Access *

Account applications will only be approved for users with a legitimate need to access OPIS. Please be as descriptive as possible. Examples of legitimate needs:

Investigator on an ELS-funded project (Specify project title and institution.)

Individual with intentions of submitting a proposal for ELS funding (Specify proposal call or "unsolicited")

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Anatomy of an OPIS Page

PAGE HEADER

- 1 **OPIS logo** returns to login page.
- 2 **User's name and current date** are displayed.
- 3 **Help** displays pop-up with site wide help and glossary.
- 4 **My Account** displays user account management options.
- 5 **Logout** logs user out of current session.
- 6 Top navigation bar shows the main areas of the OPIS site (based on user's project responsibilities).
- 7 Lower navigation bar shows links to specific pages within a site area. The currently selected area's link is displayed in bold text.
- 8 **Quick Search** provides keyword search for both people and projects.

PAGE FOOTER

- 9 **Home** returns to login page.
- 10 **OPIS Data Policy** displays data access rules.
- 11 **About ELS** displays information about Exploration Life Support.
- 12 **Contact** displays OPIS Administration contact information.
- 13 Email links to OPIS officials

The screenshot displays the OPIS website interface with the following elements and callouts:

- 1**: OPIS logo
- 2**: Welcome Bunn, Karen E. Sat, April 7, 2007
- 3**: HELP | My Account | Logout
- 4**: My Account
- 5**: Logout
- 6**: MY PROJECT ROLES
- 7**: BROWSE PEOPLE | search people
- 8**: Quick Search: [input field] GO
- 9**: HOME
- 10**: OPIS DATA POLICY
- 11**: ABOUT ELS
- 12**: CONTACT
- 13**: NASA Official: Julie Levri | Editor: Bruce Deng | Updated: 1/24/07

Page Content

Browse OPIS People Directory

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

[Adams, John](#) [Ansa, Kan](#) [Atwater, James](#)
[Aine, Mary](#) [Ashington, Walla](#)
[Alifornia, Calli](#) [Assachusetts, Mas](#)

Finding Projects > Browse Projects

NAVIGATING THE BROWSE PROJECTS PAGE

- 1 Dropdown menus filter projects by category, subcategory, and project status (active or completed).
- 2 Project title links go to Project Page (see page 6).
- 3 Person name links go to Person Profile Page (see page 8).
- 4 Annual report links go to project's Annual Report Page (see page 6).
- 5 Click on a page number to go to that page in the filtered set of projects.
- 6 Click the **Download** button to retrieve a summary table of the filtered set of projects in comma separated variable format.

The screenshot shows the OPIS (Open Project Information System) interface. At the top, it says "Welcome Bunn, Karen E. Sat, April 7, 2007". There are navigation tabs for "MY PROJECT ROLES", "PEOPLE", and "PROJECTS". A search bar is on the right with a "GO" button. Below the navigation is a "Browse ELS Projects" section with three dropdown menus for "Show Category:", "Show Subcategory:", and "Project Status:", all set to "- Show All -". A yellow bar indicates "Showing 1 - 10 of 109 total". The list of projects includes:

- [A Low-Power CO2 Removal and Compression System to Close the Air Revitalization Loop](#) (2004 - 2007)
STATUS: ACTIVE | PI: [MULLOTH, LIL...](#) | INST: ARC | ELEMENT: AIR | ID: 205 | FUND TYPE: TDP PRE | TTM: [PERRY, JAY P.](#) | WBS: 1234-56-78
[Annual Report 2005](#)
- [A Multipurpose Fruit and Vegetable Processing System for Advanced Life Support](#) (2006 - 2007)
STATUS: ACTIVE | PI: [SINGH, PAUL S.](#) | INST: UC DAVIS | ELEMENT: BIOMASS | ID: 185 | FUND TYPE: NRA | TTM: [BARTA, DAN B.](#) | WBS: ---
[Annual Report 2007](#)
- [Advanced Magnetic Methods for the Separation and Gasification of Solid Wastes in Microgravity and Hypogravity](#) (2005 - 2008)
STATUS: ACTIVE | PI: [LEVRI, JULIE A.](#) | INST: UMPQUA | ELEMENT: WASTE | ID: 167 | FUND TYPE: NRA | TTM: [FISHER, JOHN W.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- [Advanced Trace Contaminant Control System](#) (2006 - 2007)
STATUS: ACTIVE | PI: [SMITH, FREDERICK](#) | INST: JSC | ELEMENT: AIR | ID: 191 | FUND TYPE: TDP | TTM: [PERRY, JAY P.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- [Application of a Pinch Method for Life Support System Thermal Optimization](#) (2005 - 2009)
STATUS: ACTIVE | PI: [FINN, CORY](#) | INST: OI | ELEMENT: SPECIAL | ID: 284 | FUND TYPE: EF | TTM: [LEVRI, JULIE A.](#) | WBS: 09OP-URL 123-45-67
[Annual Report 2006](#)

At the bottom, there is a pagination bar: "Previous | 1 2 3 4 5 6 7 8 9 ... 16 | Next". A "Download" button is located to the right of the pagination bar, with the text "Excel summary for all results" next to it. The footer contains links for "HOME", "OPIS DATA POLICY", "ABOUT ELS", "CONTACT", "NASA Privacy Policy", "NASA Official: Julie Levri", "Editor: Bruce Deng", and "Updated: 1/24/07". The NASA logo is in the bottom right corner.

Finding Projects > Project Page and Annual Report Page

NAVIGATING A PROJECT PAGE

- 1 Project classification data, with links to PI and TTM profiles
- 2 Project categories classify OPIS projects in related groups for browsing and searching.
- 3 Project-related files are documents that the project PI wishes to make available to other users.
- 4 Annual report links go to annual report page (see below).
- 5 Team members are listed with roles and responsibilities. Click the name links to view User Profile Pages (see page 8).

Advanced Trace Contaminant Control System (2006 - 2007)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Smith, Frederick D.	JSC	---	Air	191	TDP	Perry, Jay P.	1234-56-78

Project Overview

Phasellus ultrices augue vitae justo. Aliquam erat volutpat. Mauris id risus. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Pellentesque id mauris facilisis risus imperdiet vulputate. Nam et ante sed nunc tincidunt hendrerit. Sed mi purus, tincidunt sit amet, elementum et, varius at, eros. Donec lectus. Praesent feugiat. Pellentesque nisi purus, luctus et, varius non, volutpat ac, est. Praesent vel tortor in neque mollis luctus. Morbi elit turpis, gravida eget, posuere a, rhoncus vel, risus. Cras quis odio.

Project Categories

Air Management -> Trace Contaminant Control

Project-Related Files

Date	Title	Filename
08.29.2006	Protocols	Method_Details.doc
08.29.2006	Data from laboratory testing	XYZ_Data.xls

Project Citations

Rismu M.S., Mpeh L.M., Aciudk D.L. "Development and Testing of a Technology for an ABCD System", 3rd Conference on XYZ Systems, July 2005, Washington, D.C.



Rismu M.S., Mpeh L.M., Aciudk D.L. "Design of a Technology for an ABCD Test", 6th Meeting on XYZ Topics, February 2005, San Jose, CA.

Rismu M.S., Mpeh L.M., Aciudk D.L. "Research and Breadboard Development of XYZ Concepts for ABCD Technologies", Journal of ABCD Technology, v. 3, pp. 123-456, November 2004.

Annual Report

[2006 Annual Report](#) **Approved** on Aug 29 2006: Public within the OPIS community

Team Members

Name	Role	Responsibilities
 Smith, Frederick D.	Principal Investigator	
 Sager, John S.	Laboratory Technician	Hardware setup and testing

NAVIGATING AN ANNUAL REPORT PAGE

- 6 Select a report year from the menu to switch to other available annual report pages for the project.
- 7 Click the PDF link to download annual report.
- 8 Supplementary files associated with the report are available for download.

Advanced Trace Contaminant Control System (2006 - 2007)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Smith, Frederick D.	JSC	---	Air	191	TDP	Perry, Jay P.	1234-56-78

Annual Report: 2006

Status: Approved | Submittal Date: Aug 29 2006 | Approval Date: Aug 29 2006

[Smith_2006_191.pdf](#)

Abstract

hasellus ultrices augue vitae justo. Aliquam erat volutpat. Mauris id risus. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Pellentesque id mauris facilisis risus imperdiet vulputate. Nam et ante sed nunc tincidunt hendrerit. Sed mi purus, tincidunt sit amet, elementum et, varius at, eros. Donec lectus. Praesent feugiat. Pellentesque nisi purus, luctus et, varius non, volutpat ac, est. Praesent vel tortor in neque mollis luctus. Morbi elit turpis, gravida eget, posuere a, rhoncus vel, risus. Cras quis odio.

Supplementary File Download

File Name	Description
Method_Details.doc	Methodology for abcd and efgh.
XYZ_Data.xls	Laboratory data collected on 8-8-04.

Finding Projects > Search Projects

SEARCHING FOR PROJECTS

- 1 Enter desired search criteria.
- 2 To access the “Participant’s Role” menu, enter participant last name in text box above, then press the “Return” key on your keyboard.
- 3 If you wish to use a saved project query, click the query link to load the saved criteria into the search form. Make any desired changes to the criteria.
- 4 Click the **Submit** button.

“AND” SEARCHES PERFORMED

The OPIS Search Projects page finds projects that meet ALL specified criteria. To see more projects in the search results, enter fewer search criteria.

NAVIGATING PROJECT SEARCH RESULTS

- 5 Project search results display in a format identical to the Browse Projects page (see page 5).
- 6 To save your search criteria, enter a name of your choice in the text box, then click **Save Query**.
- 7 Click the **Download** button to retrieve a summary table of the found set of people in comma separated variable format.
- 8 Click **New Project Search** to return to the project search form with no criteria entered.

The screenshot shows the 'Advanced Search for Projects' interface. At the top, there are tabs for 'PROJECT ROLES', 'PEOPLE', and 'PROJECTS'. Below the tabs is a navigation bar with 'browse projects | SEARCH PROJECTS | project id: [input]'. The main search area is titled 'Advanced Search for Projects' and includes a sub-instruction: 'Select a saved query or fill in the fields below.' There are several search fields: 'Project Text Search' (with a description: 'Searches within project title and overview, and within content of all reports.'), 'Project Title', 'Project Status' (with radio buttons for 'Active', 'Completed', and 'Both'), 'Project Year(s)' (with '1996' to '2011' dropdowns), 'ELS Element', 'Project Institution', 'Project Funding Type', 'Project Participant Last Name', and 'Participant's Role' (with a dropdown menu). On the right side, there is a 'My Saved Project Queries' box containing two links: 'Air Projects in 2006' and 'ARC Projects in Waste'. At the bottom right, there are 'Submit' and 'Clear' buttons. Red callout numbers 1 through 4 point to the search criteria fields, the 'Participant's Role' dropdown, and the 'Submit' button respectively.

The screenshot shows the 'Search Results' page. At the top right, there is a 'New Project Search' link. Below the header, it says 'Showing 1 - 3 of 3 total'. The results are listed as follows:

- 5** [A Multipurpose Fruit and Vegetable Processing System for Advanced Life Support](#) (2006 - 2007)
STATUS: ACTIVE | PI: [SINGH, PAUL S.](#) | INST: UC DAVIS | ELEMENT: BIOMASS | ID: 185 | FUND TYPE: NRA | TTM: [BARTA, DAN B.](#) | WBS: ---
[Annual Report 2007](#)
- [Advanced Magnetic Methods for the Separation and Gasification of Solid Wastes in Microgravity and Hypogravity](#) (2005 - 2008)
STATUS: ACTIVE | PI: [LEVRI, JULIE A.](#) | INST: UMPQUA | ELEMENT: WASTE | ID: 167 | FUND TYPE: NRA | TTM: [FISHER, JOHN W.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- [Advanced Trace Contaminant Control System](#) (2006 - 2007)
STATUS: ACTIVE | PI: [SMITH, FREDERICK](#) | INST: JSC | ELEMENT: AIR | ID: 191 | FUND TYPE: TDP | TTM: [PERRY, JAY P.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- [Application of a Pinch Method for Life Support System Thermal Optimization](#) (2005 - 2009)
STATUS: ACTIVE | PI: [FINN, CORY](#) | INST: OI | ELEMENT: SPECIAL | ID: 284 | FUND TYPE: EF | TTM: [LEVRI, JULIE A.](#) | WBS: 09OP-URL 123-45-67
[Annual Report 2006](#)


At the bottom, there is a pagination control: 'Previous | 1 | Next'. Below that, there is a 'Save Query As *' text box, a 'Save Query' button, and a 'Download' button with the text 'Excel summary for all results'. Red callout numbers 5 through 8 point to the first search result, the 'Save Query' button, the 'Download' button, and the 'New Project Search' link respectively.

Finding People > Browse People

NAVIGATING THE BROWSE PEOPLE PAGE

- 1 Click a letter link to show all people whose last names start with that letter.
- 2 Click a name link to go to the user's Profile Page.

NAVIGATING A MEMBER PROFILE PAGE

- 3 User's contact information.
- 4 Photograph is displayed if submitted by user.
- 5 Click the  icon to download user's CV or resumé (if submitted by user).
- 6 Active and completed projects in which the user was involved are displayed. Click a project title to go to the corresponding project page.

Role	Project Title	Element	ID	PI	Editor	Institution	Fund Type	TTM	WBS
assistant	example Project 11-1-06	Air	248	---	Levrj, Julie A.	ARC	NRA	Hogan, John A.	123-45-67 123458-9

Finding People > Search People

SEARCHING FOR PEOPLE

- 1 Enter desired search criteria.
- 2 To add criteria based on involvement in projects, click this checkbox, then enter the desired criteria.
- 3 If you wish to use a saved person query, click the query link to load the saved criteria into the search form. Make any desired changes to the criteria.

- 4 Click the **Submit** button.

“AND” SEARCHES PERFORMED

The OPIS Search People page finds people that meet ALL specified criteria. To see more people in the search results, enter fewer search criteria.

NAVIGATING PERSON SEARCH RESULTS

- 5 Click a name link to go to the user's Profile Page (see page 8).
- 6 Click an email link to create a new email to the user.
- 7 To save your search criteria, enter a name of your choice in the text box, then click **Save Query**.
- 8 Click the **Download** button to retrieve a summary table of the found set of people in comma separated variable format.
- 9 Click **New Member Search** to return to the search form with no criteria entered.

Advanced Search for People
Fill in the fields below or select a saved person query. The search can be limited to people who were/are involved in projects by clicking the checkbox at page bottom.

1

First Name: Begins With Is Exactly Show only NASA civil servants

Last Name: Begins With Is Exactly Show only current users
Will exclude expired and revoked users

Institution:

State:

2 Restrict search to people involved in projects

Year(s) person was involved: to

Project's Element:

Project's Funding Type:

Project Institution (funding recipient):

Role on Project:
 Principal Investigator
 Editor
 Technical Task Monitor
 General Team Member


3 **My Saved Person Queries**
X [Civil servants at ARC](#)
X [PIs on Air projects at MSFC](#)

4

Search Results for: "From 1996 - 2006", "Waste", "Ames Research Center", "PIs" [New Member Search](#)


Showing 1 - 3 of 3 total

9


5  [Fisher, John W.](#)

jfisher@opis.gov, Ames Research Center

6

6  [Flynn, Michael E.](#)

mflynn@opis.gov, Ames Research Center

7  [Wignarajah, Wiggy W.](#)

wwignarajah@opis.gov, EASI

Previous | 1 | Next

7

8 Excel summary for all results

Quick Search

QUICK SEARCH FOR PROJECTS AND PEOPLE

1 Enter search terms in the Quick Search text box, then click **GO**.

OPIS will search in the following areas: project titles, overview, institution, funding type, ELS element, and person first names, last names and institutions.

2 Your search terms and the number of Projects and People found are displayed. Project results are displayed first, then Person results.

3 A maximum of five results for projects and five results for people are displayed. Click the “See all...” link to see all results in that category.

4 Click a project title link to go to the Project Page (see page 6).

5 Click the **Download** button to retrieve a summary table of the found set of people or projects in comma separated variable format.


The screenshot displays the OPIS (Open Project Information System) interface. At the top, it shows the user's name 'Bunn, Karen E.' and the date 'Sat, April 7, 2007'. There are navigation tabs for 'MY PROJECT ROLES', 'PEOPLE', and 'PROJECTS'. A search bar contains the term 'carbon' and a 'GO' button. Below the search bar, the results are displayed as follows:

- Quick Search Results for: "carbon": 17 Projects, 0 Persons,**
- 17 Results in Projects**
- Project 1: [Microgravity and Hypogravity Compatible Methods for Resource Recovery from Solid Wastes by Magnetically-Assisted Gasification](#)
STATUS: COMPLETED | PI: [HOGAN, JOHN A.](#) | INST: UMPQUA | ELEMENT: WASTE | ID: 165 | FUND TYPE: NRA | TTM: [FISHER, JOHN W.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- Project 2: [High Performance TiO2 Photocatalytic Coatings & Membranes for the Purification, Disinfection & Recycle of Water & Air in Space](#)
STATUS: ACTIVE | PI: [DIONYSIOU, D...](#) | INST: UNIVERS... | ELEMENT: WATER | ID: 170 | FUND TYPE: NRA | TTM: [FLYNN, MICHA...](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- Project 3: [Plant Growth and Metabolism at Sub-Ambient Atmospheric Pressures](#)
- Project 4: [Reactive Carbon from Life Support Waste for Trace Contaminant Cleanup](#)
STATUS: ACTIVE | PI: [FISHER, JOHN W.](#) | INST: ARC | ELEMENT: WASTE | ID: 175 | FUND TYPE: NRA | TTM: [HOGAN, JOHN A.](#) | WBS: ---
[Annual Report 2006](#)
- Project 5: [Development of Metal Impregnated Single Walled Carbon Nanotubes \(SCWNT\) for Elimination of Toxic Contaminants in ALS Systems](#)
STATUS: ACTIVE | PI: [WIGNARAJAH, ...](#) | INST: ARC | EDITOR: [LIMITED, GUY I.](#) | ELEMENT: WASTE | ID: 176 | FUND TYPE: NRA | TTM: [SAGER, JOHN S.](#) | WBS: 1234-56-78
[Annual Report 2006](#)
- [See all 17 projects](#)
- 0 Results in People**
- [Download](#) Excel summary for all results

At the bottom of the page, there is a footer with navigation links: HOME | OPIS DATA POLICY | ABOUT ELS | CONTACT | NASA Privacy Policy | NASA Official: Julie Levri | Editor: Bruce Deng | Updated: 1/24/07. The NASA logo is also present in the bottom right corner.

Manager Duties > Navigating the Manager Duties Page

NAVIGATING THE MANAGER DUTIES PAGE

- 1 Click **Create New Project** to enter information for a new project (see page 12).
- 2 Choose menu options to filter the list of displayed projects.
- 3 Click the  icon to show or hide the annual report information for a project.
- 4 Click a project title link to go to the Project Page (see page 6).
- 5 Click a year link to go to the corresponding Annual Report Page (see page 6).
- 6 Click a person name link to go to the user's Profile Page (see page 8).
- 7 Click the **EDIT** icon to edit information for an existing project (see page 12).
- 8 Click on a page number to go to that page in the filtered set of projects.
- 9 Click the **Download** button to retrieve a summary table of the filtered projects in comma separated variable format.

OPIS

Welcome Levri, Julie A.
 Mon, April 16, 2007












[HELP](#) | [My Account](#) | [Logout](#)

ECO
RCS
MANAGER
MY PROJECT ROLES
PEOPLE
PROJECTS

Quick Search: GO

1 → [Create New Project](#)

2 → Filter List By: - All - - All - - All - - All - - All -

Project Title	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
 Reactive Carbon from Life Support Waste for Trace Contaminant Cleanup	Fisher, John W.	ARC	---	Waste	175	NRA	Hoqan, John A.	1234-56-78
 Regenerable Incinerator Exhaust Purification and Trace Contaminant Control System	Finn, John E.	ARC	---	Air	174	NRA	Perry, Jay P.	1234-56-78
 Equivalent System Mass Impacts of Clothing on Wastes and Mission Cost	Drvsdale, Alan E.	Boeing	---	SIMA	173	NRA	Graf, John G.	
ANNUAL REPORTS:		Year	Status	Submittal Due	Submittal Actual	Approval Due	Approval Actual	
		5 → 2007	Approved	Sep 01 2007	Aug 24 2006	Sep 30 2007	Aug 24 2006	
 Systems Impact on Waste Processing	Drvsdale, Alan E.	---	---	SIMA	172	NRA	Ewert, Mike E.	123
 Plant Growth and Metabolism at Sub-Ambient Atmospheric Pressures	Draw, Malcolm A.	LaRC	---	Biomass	171	NRA	Deng, Bruce	
 High Performance TiO2 Photocatalytic Coatings & Membranes for the Purification, Disinfection & Recycle of Water & Air in Space	Dionysiou, Dionysios D.	University of Cincinnati	---	Water	170	NRA	Flynn, Michael E.	1234-56-78
 Ethylene Synthesis and Sensitivity in Salad Crops: Interactions with Root & Shoot Environmental Stress in Microgravity Conditions	Wash, George R.	Utah State University	---	Biomass	169	NRA	Wheeler, Raymond W.	1234-56-78
 Optimization of Root Zone Substrates for Reduced Gravity Experiments	Hoqan, John A.	Utah State University	---	Biomass	168	NRA	Barta, Dan B.	1234-56-78
 Advanced Magnetic Methods for the Separation and Gasification of Solid Wastes in Microgravity and Hypogravity	Levri, Julie A.	Umpqua	---	Waste	167	NRA	Fisher, John W.	1234-56-78
 Developing a Plate Gene Switch System for Expression of Genes	Bingham, Gail H.	KSC-VLS	---	Food	166	TDP	Graf, John G.	123-456-7
 Microgravity and Hypogravity Compatible Methods for Resource Recovery from Solid Wastes by Magnetically-Assisted Gasification	Hoqan, John A.	Umpqua	---	Waste	165	NRA	Fisher, John W.	1234-56-78

8 → [Previous](#) | [1](#) ... [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) | [Next](#)

9 → [Download](#) Excel summary for project results. (Annual report data is excluded.)

11

Manager Duties > Creating/Editing a Project

CREATING OR EDITING A PROJECT

- 1 Enter all available project information in the new project form. Fields with an * after the field label are required.
- 2 To create a new element, institution, or funding type, select **New...** from the menu and type desired name in the text box below the menu.
- 3 Names in the TTM (Technical Task Monitor) list include only Civil Servant OPIS users.
- 4 Type the last name of PI/Editor and click **Go**. The database is scanned for existing users with that last name.
- 5 Select the appropriate user from the list.
- 6 If the desired PI/Editor does not appear in the list, click **Desired Team Member Not Found**. This enables the text boxes below.
- 7 Enter name and email for the desired PI/Editor and an email will be sent to solicit their membership.
- 8 Annual report assignment is optional. To assign, select the appropriate year from the menu. Only one report can be assigned per year.
- 9 Select due date for PI/Editor to submit annual report.
- 10 Select due date for TTM to review and approve annual report.
- 11 Click the **Save** button to submit project information.

Create New Project **1**

General Information

Project Title *

Project ID N/A

Project Start Date *

Project End Date *

Element *

Institution *

Name Abbreviation

Funding Type *

Work Breakdown Structure No.(s)

Use a carriage return to separate the WBS's so that there is only one per line

TTM * **3**

Responsible Individual

Role * Principal Investigator Editor

Last Name *

Type last name in box above, press 'Go' (or Tab), then select desired individual from list below.

5

PI / Editor *

6

7

If the desired person does not appear in the list above, select "Desired Team Member Not Found", then use the fields below to add a new member as the Responsible Individual for this project:

First Name

Middle Initial

Last Name (from above)

Email Address

Retype Email Address

The individual above will receive an automated email, asking him/her to become a registered OPIS user.


Annual Reports

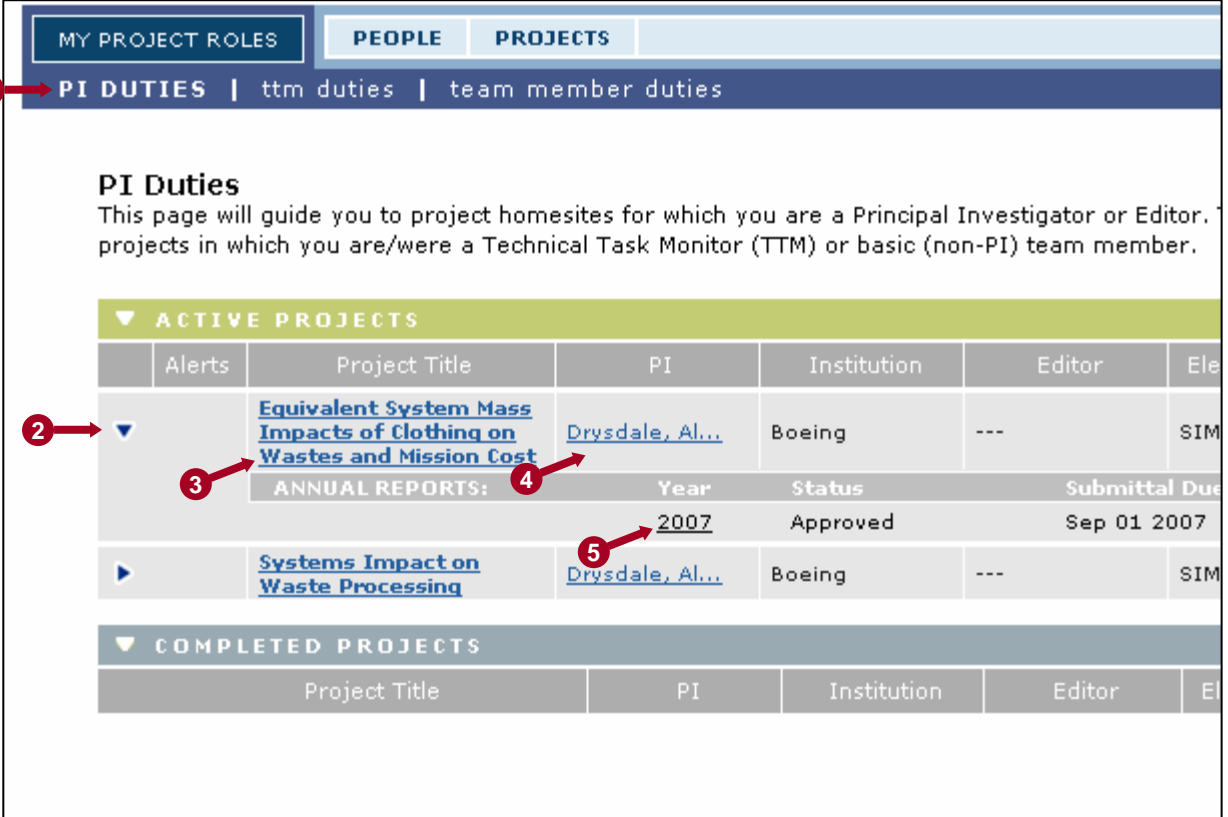
Year	Status	Submittal Due	Submittal Actual	Approval Due	Approval Actual
8 <input type="text" value="2007"/>	New	<input type="text" value="Sep 1 2007"/> <small>Reset</small>	---	<input type="text" value="Sep 30 2007"/> <small>Reset</small>	---

9 **10** **11**



My Project Roles > Duties Page Navigation

NAVIGATING “DUTIES” PAGES

- 1 PI Duties, TTM Duties, and Team Member Duties are displayed (if the user has such roles) on separate pages, accessible by the sub-navigation menu. All three pages are identical in layout.
- 2 Click the  icon to show or hide the annual report information for a project.
- 3 Click a project title link to go to the PI/Editor view of the Project Page (see page 14).
- 4 Click a person name link to go to the user's Profile Page (see page 8).
- 5 Click a year link to go to the corresponding Annual Report Page (see pages 16-20).



The screenshot shows the 'PI DUTIES' page interface. At the top, there is a navigation bar with 'MY PROJECT ROLES' selected, and sub-navigation links for 'PI DUTIES', 'ttm duties', and 'team member duties'. Below this is the 'PI Duties' heading and a descriptive paragraph. The main content area is divided into 'ACTIVE PROJECTS' and 'COMPLETED PROJECTS'. The 'ACTIVE PROJECTS' table has columns for Alerts, Project Title, PI, Institution, Editor, and Ele. The first row shows a project with a collapse icon (2), a project title link (3), a PI name link (4), and a year link (5) in the 'ANNUAL REPORTS' section. The 'COMPLETED PROJECTS' section is partially visible below.

Alerts	Project Title	PI	Institution	Editor	Ele
	Equivalent System Mass Impacts of Clothing on Wastes and Mission Cost	Drysdale, Al...	Boeing	---	SIM
ANNUAL REPORTS:		Year	Status	Submittal Due	
		2007	Approved	Sep 01 2007	
	Systems Impact on Waste Processing	Drysdale, Al...	Boeing	---	SIM

My Project Roles > PI/Editor Duties > Project Page Completion

COMPLETING THE PROJECT PAGE

- 1 The yellow notice box in the top, right corner instructs the PI/Editor on tasks that need to be completed.
- 2 Click on the **EDIT** or **ADD** icons to edit any section of the project page. **The Project Overview, Project Categories, and Export Control sections must be completed for the project to be available to the OPIS community.**
- 3 The Project Related Files module allows the PI/Editor to share files with other OPIS users.
- 4 Any uploaded project image must be in .jpg, .png, or .gif format.
- 5 If annual report is assigned, annual report link or Edit button guides user to annual report completion process. See pages 16-20.
- 6 Click the **ADD** icon to add new Team Member entries to the project (both current and past members). See page 15.

Carbon Dioxide Removal Technology (2007 - 2011)

To Do For This Project:
Please complete Project Overview, Project Categories, and Export Control.

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

Project Overview: Please complete for publication! **EDIT**

Click on the EDIT button to provide a brief overview of the project.

Project Categories: Please complete for publication! **EDIT**

Click on the EDIT button to specify categories for the project. The categories will be used to help other users find this project in the database.

Export Control: Please complete for publication! **EDIT**

Click on the EDIT button to complete a short survey. The survey responses will help the OPIS Export Compliance Officer to determine the export sensitivity of the project.

Project Image: **EDIT**

photo not available

Project Related Files: **ADD**

Click the EDIT button to add supplementary files (eg: Data sets, Test Results, Presentations, etc) for other users to download.

Project Citations: **EDIT**

Click the EDIT button to list citations resulting from this project.


Example:

Mulloth, L.M. (2004) Optimization of the Next Generation Spaceflight Carbon Dioxide Removal System, 34th International Conference on Environmental Systems (ICES), Colorado Springs, CO, SAE Publication #2004-01-xxxx.

Annual Report: **EDIT**

[2007 Annual Report](#) **Not Yet Submitted** Submittal Due: Apr 07 2007; Approval Due: Apr 07 2007

Team Members: **ADD**

Edit	Name	Role	Responsibilities
EDIT	 Levri, Julie A.	Principal Investigator	

My Project Roles > PI/Editor Duties > Adding a Team Member

ADDING A TEAM MEMBER

- 1 PI/Editor must first search the database for the desired team member. This prevents multiple instances of that person from being created in the database.
- 2 If team member is found in database, the PI/Editor simply clicks on the user's name.
- 3 If the team member is not found in the database, the PI/Editor clicks on **Desired Member Not Found**.

When adding a team member who is not already an OPIS member, the PI/Editor is asked to provide the user's email address. An email is sent to the individual, asking him/her to become a registered OPIS user.

When adding a Team Member that is already an OPIS member, only the user's project involvement, role and description of responsibility are entered by the PI/Editor.

Carbon Dioxide Removal Technology (2007 - 2011) [Back to Project Page](#)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

Add Team Member

Please use the Rolodex below to see if the individual is already registered in OPIS. If you do not find the user, you may select "desired member not found" (at end of results), which will allow you to add him/her as a new member.

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) ← 1

[Adams, John](#) [Anas, Kan](#) [Atwater, James](#)
[Aine, Mary](#) [Ashington, Walla](#)
[Alifornia, Calli](#) [Assachusettes, Mas](#)

Carbon Dioxide Removal Technology (2007 - 2011)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

Add New OPIS Member to Team

Insert team member information. The team member will receive an automated email, asking him/her to become a registered OPIS user. If you are entering a team member's contact information for the first time, **please ensure that team member information is correct** before submission.

Contact Information	Involvement and Privileges
First Name * <input type="text"/>	Corrections to the field values for user Involvement and Privileges can be made by the Principal Investigator at any time during the project funding period.
Middle Initial <input type="text"/>	Involvement * <input type="text" value="Current"/>
Last Name * <input type="text"/>	Role <input type="text"/>
Email Address * <input type="text"/>	Description of Responsibility <input type="text"/>
Confirm Email Address * <input type="text"/>	

My Project Roles > PI/Editor Duties > Report Template Generation

SPECIFY PROJECT DELIVERABLES

- 1 Check all relevant deliverables that will result from your project.
- 2 As deliverables are checked, report sections are highlighted in blue to indicate the contents of your project's Annual Report Template.
- 3 Placing the mouse over any deliverable type text will provide "tool tip" examples of that deliverable type. Similarly, placing the mouse over any report section heading will provide "tool tip" information on the information requested in that report section.
- 4 Click **Save** to go to Step 1 of the annual report completion process. (see page 17)

Carbon Dioxide Removal Technology (2007 - 2011) EDIT

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

Create/Change Report Template

Identify the main type(s) of new or improved products/deliverables that will result from the completed project (not just products/deliverables that will be completed this year). Checking products/deliverables will affect which sections appear in the annual report that is customized for your project.

Step 1. Select Project Deliverable Types

- Hardware, Laboratory Prototype, or Hardware Design**
- Quantitative or Qualitative Analysis, Simulation or Informational Studies, or Other Studies
- Mathematical Model
- Software, Database, Knowledge Management Tool, or Source Code
- Techniques, Procedures, or Other Methods
- Characterization of Organism or Biotic Community Production
- Consumed Meal Items, or their Descriptions or Characterizations
- Material, Formulation, or Substance
- Education or Outreach
- Organization of a Workshop, Meeting, or Conference
- Deliverable(s) not listed in the above options

3 → Examples: Polymers, alloys, nutrient solutions, growing media, fungicides, growth-regulators, detergents, food packaging materials, nanocomposites, refrigerants.

Step 2. Select Deliverable Flight Potential

- Some or all R&TD in the project has the potential to be directly implemented in flight
- All R&TD in the project supports flight research through ground-based implementation only

Customized Annual Report Preview: (Your Annual Report Template will contain the following sections)

GENERAL INFORMATION	TECHNICAL INFORMATION	END MATTER
Project Abstract	Possible Earth Applicability	Additional Information
Team Members	Performance	Bibliography
Objectives and Deliverables	Potential for Improvement of Deliverables	Definitions
Background	Flight-Related Functions and Applicability	
Project Progress	Current Hardware Schematics and Mass Flows	
Methodology	Hardware Properties	
Results & Discussion	Hardware Scaling	
Education, Outreach, and Collaboration	Hardware Input Ranges	
Conclusions & Recommendations	Hardware Process Reactions	
	Hardware Lifetime, Materials, and Other	
	Hardware Operational Steps	
	Recipe, Ingredient, or Menu Description	
	Techniques, Procedures, or Other Methods	
	Mathematical Model - Algorithm	
	Software and Source Code Delivery	
	Hazards	
	Failures	
	System Integration	

4 → Save Cancel

My Project Roles > PI/Editor Duties > Report Submittal > Step 1

STEP 1: READ INSTRUCTIONS, DOWNLOAD TEMPLATE, AND COMPLETE REPORT

1 Top-level report instructions are provided in a scrolling text area. Please read carefully.

2 Report help and specific examples are provided in a PDF file download.

3 Click on the provided link to download the report template in Microsoft Word® format. See page 18 for a overview of how to use the template.

4 If desired, the sections included in your report template may be changed by clicking on **Change Report Template**.

5 Click **Next** to go to Step 2 of the Annual Report completion process (see page 19).

Carbon Dioxide Removal Technology (2007 - 2011)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

STEP 1: Read Instructions, Download Template, and Complete Report → Step 2: Upload Files → Step 3: Submit Report

Step 1a. Read reporting instructions and download help and examples

1 →

- BEFORE SUBMITTING your report, you MUST obtain any information availability authorizations and/or export control public domain declarations that are required by your institution.
- Do not alter section headings or bordered instruction content in any way. If you modify these sections, your report cannot be read by the OPIS database, and you will be asked to correct the report.
- To submit your completed report, you must convert the report to PDF format. If you do not have PDF conversion software, you may use on-line sites, such as <http://www.pdfonline.com> for the conversion.
- If there is any report-relevant material that is not easily presented in report format...

2 → [Click here to download OPIS Annual Report Help and Examples](#)

Step 1b. Download your report template and complete the report

Download your report template: 3 → [Levri 2007 325.doc](#)

If you need to change the template, click the "Change Report Template" button:

4 →

5 →

My Project Roles > PI/Editor Duties > Report Submittal > Step 1 (continued)

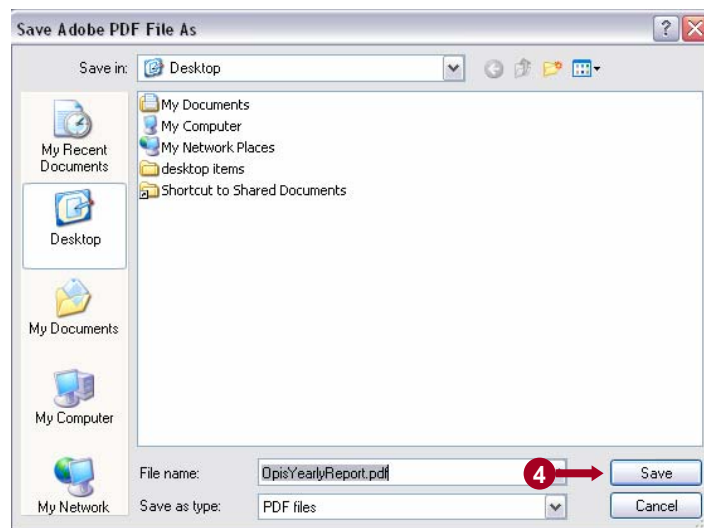
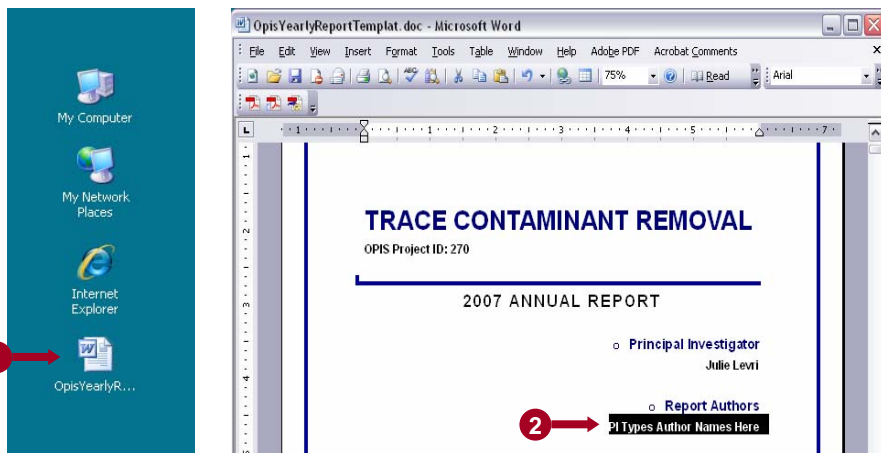
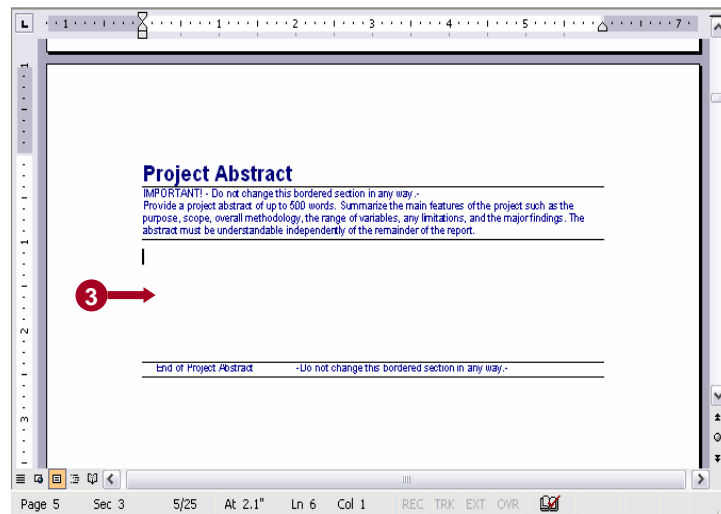
EDITING THE REPORT TEMPLATE

- 1 Open the downloaded Annual Report template in Microsoft Word or other compatible application.
- 2 Enter the Report Author names on the Cover Page and Report Information Page.
- 3 Enter applicable information in all report sections.

Do not alter section headings or bordered instruction content in any way. If you modify these sections, your report will not be read by the OPIS database, and you will be asked to correct the report.

SAVING YOUR REPORT IN PDF FORMAT

- 4 After you have completed the report and saved a copy for your own records in Microsoft Word format, save the report in PDF format. If you do not have PDF conversion software, you may use a website such as <http://www.pdfonline.com> for the conversion.



My Project Roles > PI/Editor Duties > Report Submittal > Step 2

STEP 2: UPLOAD FILES

- 1 Click **Upload Report** to upload the PDF version of your annual report.
- 2 Once uploaded, the report is displayed and can be deleted or downloaded.
- 3 Supplementary files may be uploaded to support the content of the report. Supplementary files may be of any file type and are made available to users along with the approved report.
- 4 Once uploaded, the files can be deleted or downloaded.
- 5 Click **Next** to go to Step 3 (see page 20) or **Back** to return to Step 1 (see page 17).


Carbon Dioxide Removal Technology (2007 - 2011)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

STEP 1: Read Instructions, Download Template, and Complete Report → **Step 2: Upload Files** → Step 3: Submit Report

Step 2a: Upload annual report as a PDF

The report below has been uploaded. If you have changes to make, please first delete the report below to enable the ability to upload another. You may proceed to Step 3 at any time, or you may choose to upload additional files in step 2b below.

Report Name	Uploaded On	Delete
 Levri 2007 325.pdf	Apr 07 2007	<input type="button" value="X"/>

Step 2b (Optional): Upload supplementary files in any file format

Optional: If you have report-relevant material that is not easily presented in report format, you may upload it by clicking the "Upload Supplementary File" button. Supplementary files will be made available to users along with the report.

Currently uploaded supplementary file list:

File Name	Description	Delete
13.jpg	Image of benchscale setup	<input type="button" value="X"/>
XYZ Data.xls	Data from benchscale testing	<input type="button" value="X"/>

< Back Next >

My Project Roles > PI/Editor Duties > Report Submittal > Step 3

SUBMITTING THE REPORT

1 Files that you are about to submit are displayed. Please verify that the files displayed are the correct files to submit.

2 The report may then be submitted for review by the Technical Task Monitor (TTM) by clicking **Submit Report**.

Once the report is submitted, it cannot be resubmitted with edits, unless the TTM requests modifications.

Carbon Dioxide Removal Technology (2007 - 2011)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

STEP 1: Read Instructions, Download Template, and Complete Report → Step 2: Upload Files → Step 3: Submit Report

Step 3a: Review annual report

You are about to submit the following Annual Report. You may wish to download it and double-check its contents before submitting it.

Annual Report	Uploaded On
Levri_2007_325.pdf	Apr 07 2007

1 →

Step 3b: Review supplementary file list

The following files will be submitted along with the report. You may wish to download each individually to ensure their contents before proceeding.

File Name	Description
13.jpg	Image of benchscale setup
XYZ_Data.xls	Data from benchscale testing

1 →

< Back Submit Report

2 ↑

My Project Roles > Technical Task Monitor (TTM) Duties

REVIEWING A REPORT

- 1 Projects with a submitted or re-submitted report ready for TTM review will display an alert icon.
- 2 Click the report year link to access the report's page.
- 3 On the report's page, click the report link to download the report PDF and review the content.
- 4 Select either "Approved" or "Modifications Requested".
- 5 If "Modifications Requested" is selected, explanatory text must be provided in the text area below; this text will be posted for the PI/Editor in Step 1 of the annual report completion process
- 6 Click the **Submit Review** button to submit the requested modifications or to approve the report. If a report is approved, it is immediately posted to OPIS, with no opportunity for the PI/Editor to make changes.

MANAGER | **MY PROJECT ROLES** | **PEOPLE** | **PROJECTS** | Quick Search: **GO**

pi duties | **TTM DUTIES**

TTM Duties
This page will guide you to project homesites for which you are a Technical Task Monitor.

ACTIVE PROJECTS

Alerts	Project Title	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
	New Technology for Cabin Pressure Control	Levri, Julie A.	ARC	---	Air	260	EAI	Hogan, John A.	
ANNUAL REPORTS:									
	Year	Status	Submittal Due	Submittal Actual	Approval Due	Approval Actual			
	2007	Re-Submitted	Sep 01 2007	Sep 01 2007	Sep 30 2007	---			
	Sensitive Project from Start	Levri, Julie A.	HSR	---	Thermal	256	TDP Pre	Hogan, John A.	

Carbon Dioxide Removal Technology (2007 - 2011)

Status	PI	Institution	Editor	Element	ID	Fund Type	TTM	WBS
Active	Levri, Julie A.	Bigelow...	---	Flight Exp	325	EF	Carrasquillo, Robyn C.	

Annual Report: 2007 Select Report Year: **2007** ▾

Status: **Re-Submitted** | Submittal Due Date: Apr 07 2007 | Approval Due Date: Apr 07 2007

Step 1: Download and Review Report(s)

Please download the report and review it for appropriate content. The appropriate quantity and quality of content depends upon the degree of completion of the deliverable and is also somewhat subjective.

[Levri 2007 325.pdf](#)

Report Supplementary File List

Date	Title	Filename
04.07.2007		13.jpg
04.07.2007		XYZ Data.xls

Step 2: Evaluate Report

If you select "Modifications Requested", you must provide review comments. Review comments are made available to the Principal Investigator for assistance in modifying the report. Reviews are NOT anonymous. If you select "Approved", the report is immediately posted to OPIS.

Approved
 Modifications Requested

Please add comments regarding modifications. New comments will appear in the comments log and be sent to the PI.
Please add more detail to the methodology section.
Thank you!

Comments Log

Carrasquillo, Robyn C. on Apr 07 2007:
Please change the following sections:

Other Resources

ONLINE HELP

1 Click HELP in the top right corner of any logged-in screen to access the OPIS help system.

2 The OPIS help system provides a table of help content, a glossary, and a “How do I...” section.

OPIS CONTACT INFORMATION

If you have any questions about OPIS, please contact the OPIS Administration at the following email address:

opis@arc.nasa.gov

You may also call or fax using the phone numbers listed in the OPIS help system.

THANK YOU FOR USING OPIS!

