

2005 Current Fiscal Year Report: Earth Systems Science and Applications Advisory Committee

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1. Department or Agency

National Aeronautics and Space
Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Earth Systems Science and Applications
Advisory Committee

3b. GSA

Committee No.

1805

4. Is this New During Fiscal Year?

No

5. Current Charter

05/01/2003 05/01/2005

6. Expected Renewal Date

05/01/2005

7. Expected Term Date

Yes

8a. Was Terminated During Fiscal Year?

05/01/2005

8b. Specific Termination Authority

05/01/2005

8c. Actual Term Date

Yes

9. Agency Recommendation for Next Fiscal Year

Terminate

No

10a. Legislation Req to Terminate?

Enacted

10b. Legislation Pending?

Enacted

11. Establishment Authority

Public Law 85-568, As
Amended, Section 203
(c)(7)

12. Specific Establishment Authority

04/24/1997 Continuing

13. Effective Date

No

14. Committee Type

No

14c. Presidential?

15. Description of Committee

Scientific Technical Program
Advisory Board

16a. Total Number of Reports

1
Report Title
Date

Joint Meeting of the Space Science
Advisory Committee (SScAC) and
04/01/2005 the Earth System Science
Applications Advisory Committee
(ESSAAC) Meeting Minutes

Number of Committee Reports Listed: 1

17a. 1 **17b. Closed** 0 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 1
Open

Meetings and Dates

Purpose	Start	End
Space Science Advosry Committee and Earth System Science and Applications Committee Joint Meeting	03/31/2005	04/01/2005

Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$44,000.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$19,000.00	\$20,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$3,000.00	\$3,000.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00

18c. Administrative

Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)

\$0.00 \$0.00

18d. Other (all other

funds not captured by any other cost category)

\$20,000.00 \$0.00

18e. Total Costs

\$86,000.00 \$23,000.00

19. Federal Staff Support Years (FTE)

1.00 0.00

20a. How does the Committee accomplish its purpose?

The NASA Earth Systems Science and Applications Advisory Committee (ESSAAC) reviewed the NASA Earth Science program, identified scientific and implementation issues and plans for all programmatic activities, and assessed progress in implementing the NASA Earth Science goals and objectives.

20b. How does the Committee balance its membership?

The ESSAAC membership reflected a broad scientific constituency involved in the NASA Earth Science scientific program. It included representatives of the broad community of applications users, as well as experts in scientific information systems and remote sensing technologies. Members represented the scientific disciplines of research on the atmosphere, land, and oceans.

20c. How frequent and relevant are the Committee Meetings?

The ESSAAC normally met twice a year. It conducted periodic reassessments of NASA Earth Science strategic direction in response to

improved scientific understanding, evolving technology, new opportunities in commercial, international, and operational arenas, and budget constraints.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

ESSAAC was the only direct external source of specific scientific advice to the NASA Earth Science program, although various boards and committees of the National Research Council/National Academy of Sciences continue to provide general guidance to Federal agencies on scientific issues addressed by the U.S. Climate Change Science Program.

20e. Why is it necessary to close and/or partially closed committee meetings?

Not applicable as all ESSAAC meetings were open.

21. Remarks

This advisory committee was terminated as part of the overall NASA advisory committee restructuring effort that took place during 2005.

Designated Federal Officer

Gregory Williams Executive Secretary, Earth System Science and Applications Advisory Committee

Committee Members	Start	End	Occupation	Member Designation
Abbott, Mark	05/15/2003	04/15/2005	Oregon State University	Special Government Employee (SGE) Member
Barron, Eric	05/15/2003	04/15/2005	Pennsylvania State University (PSU)	Special Government Employee (SGE) Member

Bloxham, Jeremy	05/15/2003	04/15/2005	Harvard University	Special Government Employee (SGE) Member
Brown, William	05/15/2003	04/15/2005	MIT Lincoln Laboratory	Special Government Employee (SGE) Member
Cooke, Daniel	05/15/2003	04/15/2005	Texas Tech University	Special Government Employee (SGE) Member
Crawford, Melba	10/01/2000	04/15/2005	University of Texas at Austin	Special Government Employee (SGE) Member
Cunnold, Derek	10/01/2000	04/15/2005	Georgia Institute of Technology	Special Government Employee (SGE) Member
Dangermond, Jack	10/01/2000	04/15/2005	ESRI	Special Government Employee (SGE) Member
Denning, A.	10/01/2000	04/15/2005	Colorado State University	Special Government Employee (SGE) Member
Ebert, David	05/15/2003	04/15/2005	Purdue University	Special Government Employee (SGE) Member
Emmitt, George	10/01/2000	04/15/2005	Simpson Weather Associates, Inc.	Special Government Employee (SGE) Member
Goodchild, Michael	10/01/2000	04/15/2005	University of California at Santa Barbara	Special Government Employee (SGE) Member
Graves, Sara	10/01/2000	04/15/2005	University of Alabama at Huntsville	Special Government Employee (SGE) Member

Hardesty, Michael	05/15/2003	04/15/2005	NOAA	Special Government Employee (SGE) Member
Hendler, James	05/15/2003	04/15/2005	University of Maryland, College Park	Special Government Employee (SGE) Member
Holm, Thomas	05/15/2003	04/15/2005	U.S. Geological Survey	Special Government Employee (SGE) Member
Jacob, Daniel	10/01/2000	04/15/2005	Harvard University	Special Government Employee (SGE) Member
Jezek, Kenneth	10/01/2000	04/15/2005	Ohio State University	Special Government Employee (SGE) Member
Johnson, Roberta	10/01/2000	04/15/2005	UCAR	Special Government Employee (SGE) Member
Killeen, Timothy	05/15/2003	04/15/2005	National Center Atmospheric Research (NCAR)	Special Government Employee (SGE) Member
Larson, Kristine	05/15/2003	04/15/2005	University of Colorado, Boulder	Special Government Employee (SGE) Member
Mantey, Patrick	05/15/2003	04/15/2005	University of California, Santa Cruz	Special Government Employee (SGE) Member
Minster, Jean-Bernard	10/01/2000	04/15/2005	University of California at San Diego	Special Government Employee (SGE) Member
Morris, Vernon	05/15/2003	04/15/2005	Howard University	Special Government Employee (SGE) Member

Penner, Joyce	10/01/2000	04/15/2005	University of Michigan	Special Government Employee (SGE) Member
Rodriguez, Jose	10/01/2002	04/15/2005	University of Miami	Special Government Employee (SGE) Member
Schreier, Ethan	10/01/2000	04/15/2005	Space Telescope Science Institute	Special Government Employee (SGE) Member
Smarr, Larry	05/15/2003	04/15/2005	CA Institute Telecommunications & Information Technology UCSD	Special Government Employee (SGE) Member
Sorooshian, Soroosh	10/01/2000	04/15/2005	University of Arizona	Special Government Employee (SGE) Member
Townshend, John	10/01/2000	04/15/2005	University of Maryland at College Park	Special Government Employee (SGE) Member
Trumbore, Susan	05/15/2003	04/15/2005	University of California, Irvine	Special Government Employee (SGE) Member
Ulaby, Fawwaz	05/15/2003	04/15/2005	University of Michigan, Ann Arbor	Special Government Employee (SGE) Member
Weiss, Robert	05/15/2003	04/15/2005	Physical Sciences, Inc. (PSI)	Special Government Employee (SGE) Member
Yoder, James	05/15/2003	04/15/2005	National Science Foundation	Special Government Employee (SGE) Member
Yoder, James	04/15/2003	04/15/2005	National Science Foundation	Special Government Employee (SGE) Member

Yoder, James 04/15/2003 04/15/2005

National Science
Foundation

Special
Government
Employee
(SGE)
Member

Number of Committee Members Listed: 36

Narrative Description

The Committee provided advice to NASA on the implementation of Earth science priorities and major programs as defined in the NASA Strategic Plan.

What are the most significant program outcomes associated with this committee?

Checked if
Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |

\$5,000,001 - \$10,000,000

☐

Over \$10,000,000

☐

Cost Savings Other

☐

Cost Savings Comments

Advice from the Committee guided future program implementation.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

0

Number of Recommendations Comments

This Committee met jointly with the Space Science Advisory Committee during this Fiscal Year, and the recommendations of the joint session are accounted in the Space Science Advisory Committee report.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

See prior.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

See prior.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Feedback is provided either by letter from the Associate Administrator to the Committee chair, by presentation at the subsequent meeting, or both.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- | | |
|-----------------------------------|--------------------------|
| Reorganized Priorities | <input type="checkbox"/> |
| Reallocated resources | <input type="checkbox"/> |
| Issued new regulation | <input type="checkbox"/> |
| Proposed legislation | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Action Comments

See Space Science Advisory Committee report.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input type="checkbox"/> |
| Online Agency Web Site | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input type="checkbox"/> |
| Online GSA FACA Web Site | <input type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

NA