

2005 Current Fiscal Year Report: Sun-Solar System Connection Strategic Roadmap Committee

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1. Department or Agency

National Aeronautics and Space
Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Sun-Solar System Connection Strategic
Roadmap Committee

3b. GSA

Committee No.

24630

4. Is this New During Fiscal Year?

Yes

5. Current Charter

12/23/2004 12/23/2006

6. Expected Renewal Date

03/23/2006

7. Expected Term Date

Yes

8a. Was Terminated During Fiscal Year?

NASA Administrator
Letter to Congress,
4/28/05

8b. Specific Termination Authority

05/22/2005

8c. Actual Term Date

Terminate

9. Agency Recommendation for Next Fiscal Year

No

10a. Legislation Req to Terminate?

Enacted

10b. Legislation Pending?

11. Establishment Authority

NASA Administrator Letter
to Congress, 12/23/04

12. Specific Establishment Authority

12/23/2004 Ad hoc

13. Effective Date

No

14. Committee Type

15. Description of Committee

16a. Total Number of Reports

16b. Report Date

05/22/2005 Sun-Solar System Connection
Strategic Roadmap

16c. Report Title

Number of Committee Reports Listed: 1
17a. Open 3 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 3

Meetings and Dates

Purpose	Start	End
The purpose of the first meeting was to provide a Sun-Earth Systems program overview and status, receive reports on Sun-Solar System Connection Roadmap foundation work, and discuss science objectives and missions under study.	02/10/2005	02/11/2005
The purpose of the second meeting was to provide a Sun-Earth Systems program update, receive reports on Sun-Solar System Connection Strategic Roadmap foundation work, identify joint interests with the Earth Science Strategic Roadmap effort, and prioritize science objectives and missions under study.	03/15/2005	03/16/2005
The purpose of the third meeting was to receive reports on Sun-Solar System Connection Strategic Roadmap foundation work, review joint interests with the Earth Science Strategic Roadmap effort, prioritize science objectives and missions under study, and finalize Sun-Solar System Connection Strategic Roadmap documentation.	05/12/2005	05/13/2005

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$185,098.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$143,252.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$14,303.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$6,834.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00

18c. Other(rents,user			
charges, graphics, printing,	\$94,823.00	\$0.00	
mail, etc.)			
18d. Total	\$444,310.00	\$0.00	
19. Federal Staff Support			
Years (FTE)	1.00	0.00	

20a. How does the Committee accomplish its purpose?

The purpose of this committee was to advise NASA on exploring the Sun-Earth system to understand the Sun and its effects on Earth, the solar system, and the space environmental conditions that will be experienced by human explorers. The committee met to hear presentations from individuals expert in the scientific and technical aspects of their charter. The committee members discussed these presentations in the context of their own expertise and identify areas to be studied further between meetings, with the intention of producing a roadmap identifying critical investigations to be undertaken by NASA to further specific areas of scientific inquiry.

20b. How does the Committee balance its membership?

The membership appointments attempted to strike a balanced distribution, suitable for its specific focus, with broad representation from government, industry, and the academic community.

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

The committee met 3 times during its period of performance. The meetings followed agendas prepared in advance that were designed to ensure a full exposure of issues related to its charter and to permit adequate discussion of these issues by

the membership.

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

The committee was established to develop a strategic roadmap in its chartered domain based on expertise resident within and outside of NASA. A strategic roadmap is a coordinated and comprehensive longitudinal strategy that identifies key objectives and time-phased implementation elements, potential achievements, priorities, options, and decision points and criteria. The roadmap is to be subsequently used by NASA to inform decisions on scientific objectives, resource allocation, and technology investments.

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

Not applicable.

21. Remarks

This committee was terminated at the direction of the NASA Administrator.

Designated Federal Officer

Barbara L. Giles

Committee Members	Start	End	Occupation	Member Designation
Anderson, Donald	12/23/2004	12/23/2005	NASA Headquarters	Ex Officio Member Special
Denning, A.	12/23/2004	12/23/2005	Colorado State University	Government Employee (SGE) Member Regular
Diaz, Alphonso	12/23/2004	12/23/2005	NASA Headquarters	Government Employee (RGE) Member Regular
Einaudi, Franco	12/29/2004	05/22/2005	NASA Goddard Space Flight Center	Government Employee (RGE) Member Regular
Fisher, Richard	12/23/2004	12/23/2005	NASA Headquarters	Ex Officio Member

Forbes, Jeffrey	12/23/2004	12/23/2005	University of Colorado	Special Government Employee (SGE) Member
Fuselier, Stephen	12/23/2004	12/23/2005	Lockheed Martin Advanced Technology Center	Special Government Employee (SGE) Member
Gibson, William	12/23/2004	12/23/2005	Southwest Research Institute	Special Government Employee (SGE) Member
Hassler, Donald	12/23/2004	12/23/2005	Southwest Research Institute	Special Government Employee (SGE) Member
Hoeksema, J.	12/23/2004	12/23/2005	Stanford University	Special Government Employee (SGE) Member
Killeen, Timothy	12/23/2004	12/23/2005	National Center for Atmospheric Research	Special Government Employee (SGE) Member
Kinzler, Rosamond	12/23/2004	12/23/2005	American Museum of Natural History	Ex Officio Member
Kletzing, Craig	12/23/2004	12/23/2005	University of Iowa	Special Government Employee (SGE) Member
Lu, Edward	12/23/2004	12/23/2005	NASA Johnson Space Center	Regular Government Employee (RGE) Member
Moore, Thomas	12/23/2004	12/23/2005	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Pizzo, Victor	12/23/2004	12/23/2005	NOAA Space Environment Center	Special Government Employee (SGE) Member
Russell, James	12/23/2004	12/23/2005	Hampton University	Special Government Employee (SGE) Member
Slavin, James	12/23/2004	12/23/2005	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Thomsen, Michelle	12/23/2004	12/23/2005	Los Alamos National Laboratory	Special Government Employee (SGE) Member

Wargo, Michael	12/23/2004	12/23/2005	NASA Headquarters	Ex Officio Member
Weyland, Mark	12/23/2004	12/23/2005	NASA Johnson Space Center	Ex Officio Member
Wiscombe, Warren	12/23/2004	12/23/2005	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member

Number of Committee Members Listed: 22

Narrative Description

NASA's mission is to understand and protect our home planet, to explore the universe and search for life, and to inspire the next generation of explorers. This mission reflects the goals of the President's Vision for Space Exploration. The committee obtained broadly based expert advice to support the Agency's development of a strategic plan for implementation of NASA's mission and the Vision.

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

Checked if
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" 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"/>
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- | | |
|----------------------------|-------------------------------------|
| 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 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

NA

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

0

Number of Recommendations Comments

NA

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

NA

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

NA

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

Yes ☐ No ☒ Not Applicable ☐

Agency Feedback Comments

NA

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

Checked if Applies

- | | |
|-----------------------------------|-------------------------------------|
| Reorganized Priorities | <input checked="" type="checkbox"/> |
| Reallocated resources | <input checked="" 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

NA

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 checked="" type="checkbox"/> |
| Online Agency Web Site | <input 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