

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

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<b>1. Department or Agency</b>	<b>2. Fiscal Year</b>
National Aeronautics and Space Administration	2005

<b>3. Committee or Subcommittee</b>	<b>3b. GSA Committee No.</b>
Sun-Solar System Connection Strategic Roadmap Committee	24630

<b>4. Is this New During Fiscal Year?</b>	<b>5. Current Charter</b>	<b>6. Expected Renewal Date</b>	<b>7. Expected Term Date</b>
Yes	12/23/2004	12/23/2006	03/23/2006

<b>8a. Was Terminated During Fiscal Year?</b>	<b>8b. Specific Termination Authority</b>	<b>8c. Actual Term Date</b>
Yes	NASA Administrator Letter to Congress, 4/28/05	05/22/2005

<b>9. Agency Recommendation for Next Fiscal Year</b>	<b>10a. Legislation Req to Terminate?</b>	<b>10b. Legislation Pending?</b>
Terminate	No	Enacted

**11. Establishment Authority** Agency Authority

<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
NASA Administrator Letter to Congress, 12/23/04	12/23/2004	Ad hoc	No

**15. Description of Committee** Other Committee

**16a. Total Number of Reports** 1

<b>16b. Report Date</b>	<b>Report Title</b>
05/22/2005	Sun-Solar System Connection Strategic Roadmap

**Number of Committee Reports Listed:** 1

<b>17a. Open</b>	<b>17b. Closed</b>	<b>17c. Partially Closed</b>	<b>Other Activities</b>	<b>17d. Total</b>
3	0	0	0	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
<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00	\$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$185,098.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$143,252.00	\$0.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$14,303.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$6,834.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00

<b>18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)</b>	\$0.00	\$0.00
<b>18d. Other (all other funds not captured by any other cost category)</b>	\$94,823.00	\$0.00
<b>18e. Total Costs</b>	\$444,310.00	\$0.00
<b>19. Federal Staff Support Years (FTE)</b>	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

<b>Committee Members</b>	<b>Start</b>	<b>End</b>	<b>Occupation</b>	<b>Member Designation</b>
Anderson, Donald	12/23/2004	12/23/2005	NASA Headquarters	Ex Officio Member Special Government Employee (SGE) Member Regular
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

Einaudi, Franco	12/29/2004	05/22/2005	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Fisher, Richard	12/23/2004	12/23/2005	NASA Headquarters	Ex Officio Member Special
Forbes, Jeffrey	12/23/2004	12/23/2005	University of Colorado	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
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

**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

