

2024 Current Fiscal Year Report: Heliophysics Advisory Committee

Report Run Date: 04/18/2024 10:28:50 PM

1. Department or Agency

National Aeronautics and Space
Administration

2. Fiscal Year

2024

3. Committee or Subcommittee

Heliophysics Advisory Committee

3b. GSA

Committee No.

2598

4. Is this New During Fiscal Year?

5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
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No 08/30/2023 08/30/2025

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

No

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Agency Authority

12. Specific Establishment Authority

Agency Authority

13. Effective Date

06/12/2019

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee

Scientific Technical Program
Advisory Board

16a. Total Number of Reports

No Reports for
this Fiscal Year

17a. Open

17b. Closed	17c. Partially Closed	Other Activities	17d. Total
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Meetings and Dates

No Meetings

Current FY	Next FY
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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	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$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, mail, etc.)	\$0.00	\$0.00
18d. Total	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

The committee draws on the expertise of its members to provide advice and make recommendations to the Director, Heliophysics Division, Science Mission Directorate, NASA Headquarters, on heliophysics programs, policies, plans and priorities.

20b. How does the Committee balance its membership?

The Director, Heliophysics Division, ensures a balanced representation in terms of the points of view represented and the functions to be performed.

20c. How frequent and relevant are the

Committee Meetings?

In general, the Heliophysics Advisory Committee (HPAC) and its subcommittee, the Space Weather Council (SWC), each meet two to four times per year.

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

Consensus scientific advice from outside experts is essential to support NASA heliophysics program planning. NASA is the Federal agency charged with conducting space-based heliophysics research.

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

Not Applicable.

21. Remarks

There were 23 recommendations resulting from the committee deliberations.

Designated Federal Officer

Janet Kozyra DFO/Executive Secretary

Committee Members	Start	End	Occupation	Member Designation
Barjatya, Aroh	10/26/2021	10/26/2024	Embry-Riddle University	Special Government Employee (SGE) Member
Brain, David	10/30/2023	10/29/2026	University of Colorado	Special Government Employee (SGE) Member
Cassak, Paul	10/30/2023	12/31/2024	West Virginia University	Special Government Employee (SGE) Member
Duncan, Nicole	10/01/2022	09/30/2024	Ball Aerospace	Special Government Employee (SGE) Member

Englert, Christoph	10/30/2023	10/29/2026	Naval Research Laboratory	Regular Government Employee (RGE) Member
Gkioulidou, Matina	10/26/2021	10/26/2024	Johns Hopkins University	Special Government Employee (SGE) Member
Kamalabadi, Farzad	10/30/2023	10/29/2026	University of Illinois	Special Government Employee (SGE) Member
Peticolas, Laura	10/30/2023	10/29/2026	Sonoma State University	Special Government Employee (SGE) Member
Salem, Chadi	10/30/2023	10/29/2026	University of California, Berkeley	Special Government Employee (SGE) Member
Thompson, Barbara	10/30/2023	10/29/2026	NASA Goddard Space Flight Center	Regular Government Employee (RGE) Member
Upton, Lisa	10/30/2023	10/29/2026	Southwest Research Institute	Special Government Employee (SGE) Member
Velli, Marco	10/30/2023	10/29/2026	University of California at Los Angeles	Special Government Employee (SGE) Member
Yue, Jia	10/30/2023	10/29/2026	Catholic University	Special Government Employee (SGE) Member
Zirnstien, Eric	10/30/2023	10/29/2026	Princeton University	Special Government Employee (SGE) Member
Andorka, Sage [Space Weather Council]	11/23/2021	11/22/2024	USSF	Regular Government Employee (RGE) Member

Baker, Daniel [Space Weather Council]	11/23/2021	11/22/2026	University of Colorado, LASP	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member Special Government Employee (SGE) Member
Cash, Michele [Space Weather Council]	11/23/2021	11/22/2025	NOAA	Special Government Employee (SGE) Member
Duncan, Nicole [Space Weather Council]	10/01/2022	09/30/2024	Ball Aerospace	Special Government Employee (SGE) Member
Green, Janet [Space Weather Council]	11/23/2021	11/22/2025	Space Hazards	Special Government Employee (SGE) Member Regular Government Employee (RGE) Member
Halford, Alexa [Space Weather Council]	11/23/2021	11/22/2025	NASA GSFC	Special Government Employee (SGE) Member
Mehta, Piyush [Space Weather Council]	11/23/2021	11/22/2024	West Virginia University	Special Government Employee (SGE) Member
O'Brien, Paul [Space Weather Council]	11/23/2021	11/22/2024	Aerospace Corp.	Special Government Employee (SGE) Member
Spence, Harlan [Space Weather Council]	11/11/2023	11/10/2026	University of New Hampshire	Special Government Employee (SGE) Member
Turner, Ron [Space Weather Council]	11/23/2021	11/22/2026	Anser	Special Government Employee (SGE) Member
Vourlidas, Angelos [Space Weather Council]	11/23/2021	11/22/2024	Johns Hopkins University, APL	Special Government Employee (SGE) Member
Welling, Dan [Space Weather Council]	11/11/2023	11/10/2026	University of Michigan	Special Government Employee (SGE) Member

Number of Committee Members Listed: 26

Narrative Description

The committee's recommendations and analysis are used to inform decisions on the programmatic scope and priorities, as well as the implementation of heliophysics programs. In addition, the committee provides a regular forum for broad discussion of heliophysics and the role of heliophysics within and outside of NASA. The committee terminated on 6/12/2021 and was re-established on 9/7/2021.

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 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 checked="" type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

Not Applicable

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

Not Applicable

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

23

Number of Recommendations Comments

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

Not Applicable

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

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

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Contact committee DFO for more information on Agency feedback process.

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

Checked if Applies

Reorganized Priorities

☐

- | | |
|-----------------------------------|--------------------------|
| 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

Not Applicable

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

No

Grant Review Comments

Not Applicable

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

Access Comments

Not Applicable