

2024 Current Fiscal Year Report: Earth Science Advisory Committee

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1. Department or Agency

National Aeronautics and Space
Administration

2. Fiscal Year

2024

3. Committee or Subcommittee

Earth Science Advisory Committee

3b. GSA

Committee No.

2597

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 0 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 0

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?

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

20b. How does the Committee balance its membership?

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

20c. How frequent and relevant are the

Committee Meetings?

The committee is expected to meet two to three 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 Earth science program planning. NASA is the Federal agency charged with conducting space-based Earth science research.

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

Not Applicable

21. Remarks

Designated Federal Officer

Lucia Tsaoussi DFO/Executive Secretary

Committee Members	Start	End	Occupation	Member Designation
Das, Indrani	11/03/2021	11/03/2024	Columbia University	Special Government Employee (SGE) Member
Demoz, Belay	11/03/2021	11/03/2024	University of Maryland/Baltimore Campus	Special Government Employee (SGE) Member
Judge, Jasmeet	11/03/2017	11/03/2023	University of Florida	Special Government Employee (SGE) Member
Lakshmi, Venkataraman	11/03/2021	11/03/2024	University of Virginia	Special Government Employee (SGE) Member

Logan, Jennifer	11/03/2021	11/03/2024	Northrop Grumman	Special Government Employee (SGE) Member
Lohman, Rowena	11/03/2021	11/03/2024	Cornell Univeristy	Special Government Employee (SGE) Member
Mouw, Colleen	11/03/2017	11/03/2023	University of Rhode Island	Special Government Employee (SGE) Member
Plale, Beth	11/03/2021	11/03/2024	Indiana University	Special Government Employee (SGE) Member
Romanou, Anastasia	11/03/2017	11/03/2023	NASA Goddard Institute for Space Studies	Regular Government Employee (RGE) Member
Tucker, Sara	11/03/2022	11/03/2024	Ball Aerospace	Special Government Employee (SGE) Member
Wright, Robert	11/03/2021	11/03/2024	University of Hawaii	Special Government Employee (SGE) Member
Yu, Lisan	11/03/2021	11/03/2024	Woods Hole Oceanographic Institution	Special Government Employee (SGE) Member
Berea, Anamaria [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/15/2023	George Mason University	Special Government Employee (SGE) Member
Bianco, Federica [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/15/2023	University of Delaware	Special Government Employee (SGE) Member
Bontempi, Paula [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/15/2023	University of Rhode Island	Special Government Employee (SGE) Member

Brothers, Reggie [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/15/2023	AE Industrial Partners	Special Government Employee (SGE) Member
Buss, Jennifer [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	Potomac Institute for Policy Studies	Special Government Employee (SGE) Member
Drake, Nadia [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	Freelance journalist	Special Government Employee (SGE) Member
Gold, Mike [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	Redwire Inc	Special Government Employee (SGE) Member
Kelly, Scott [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	Retired astronaut	Special Government Employee (SGE) Member
Mountain, Matt [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	AURA	Special Government Employee (SGE) Member
Randolph, Warren [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	FAA	Regular Government Employee (RGE) Member
Scott, Walter [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/15/2023	Maxar	Special Government Employee (SGE) Member
Semeter, Joshua [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	Boston University	Special Government Employee (SGE) Member
Spergel, David [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	President, Simons Foundation	Special Government Employee (SGE) Member
Toner, Karlin [Unidentified Anomalous Phenomena Independent Study Team]	10/15/2022	10/19/2023	FAA	Regular Government Employee (RGE) Member

Wright, Shelley

[Unidentified Anomalous Phenomena
Independent Study Team]

10/15/2022 10/15/2023 UC San Diego

Special
Government
Employee
(SGE)
Member

Number of Committee Members Listed: 27

Narrative Description

This committee's recommendations and analysis are used to inform decisions on the programmatic scope and priorities, as well as the implementation of Earth science programs. In addition, the committee provides a regular forum for broad discussion of Earth science and the role of Earth science within and outside of NASA.

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

Checked if
Applies

Improvements to health or safety

☐

Trust in government

☒

Major policy changes

☐

Advance in scientific research

☒

Effective grant making

☐

Improved service delivery

☒

Increased customer satisfaction

☐

Implementation of laws or regulatory
requirements

☐

Other

☐

Outcome Comments

Not Applicable

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

Not Applicable

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

2

Number of Recommendations Comments

The Committee reviewed the FY2023 performance of the Earth Science Division Research program according to the GPRAMA metrics - both metrics were rated green. The ESAC also recommended advancing the UAP subcommittee report to NASA.

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

100%

% of Recommendations Fully Implemented Comments

NASA reported the Committee ratings via CJ 2021 and Performance Accountability Report (PAR) 2023.

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

Not Applicable

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 | <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

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 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