

2025 Current Fiscal Year Report: EPA Science Advisory Board

Report Run Date: 08/10/2025 06:09:53 AM

1. Department or Agency	2. Fiscal Year		
Environmental Protection Agency	2025		
3. Committee or Subcommittee	3b. GSA Committee No.		
EPA Science Advisory Board	734		
4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	09/06/2023	09/06/2025	
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority	8c. Actual Term Date	
No	ERDDAA ACT OF 1978, 42 U.S.C. 4365		
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Continue	Not Applicable	Not Applicable	
11. Establishment Authority	Statutory (Congress Created)		
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
ERDDAA ACT OF 1978, 42 U.S.C. 4365	01/01/1978	Continuing	No
15. Description of Committee	Scientific Technical Program Advisory Board		
16a. Total Number of Reports	6		
16b. Report Date	Report Title		
11/04/2024	Science Advisory Board (SAB) Consideration of Four Planned Regulatory Actions Listed on EPA's 2023 Fall Regulatory Agenda Discussed During the October 2024 Chartered SAB Meeting		

review of EPA's draft Technical
 Guidance for Assessing
 11/13/2024 Environmental Justice in Regulatory
 Analysis (draft EJTG)
 SAB Recommendations for EPA's
 11/14/2024 FY 2024 Scientific and Technological
 Achievement Awards
 Review of EPA's draft IRIS
 11/19/2024 Toxicological Review of Inorganic
 Arsenic
 SAB Consultation on EPA's Draft
 Proposed Approach for
 12/04/2024 Consideration of Chemical
 Co-exposure in TSCA Risk
 Evaluations
 12/05/2024 Advancing Environmental Justice
 Science in Rulemaking

Number of Committee Reports Listed: 6

17a. 1 17b. Closed 3 17c. Partially Closed 0 Other Activities 0 17d. Total 4
 Open

Meetings and Dates

Purpose	Start	End
The Chartered Science Advisory Board (SAB) will: (1) receive a briefing from EPA on cumulative impacts research, (2) conduct quality reviews for three draft SAB reports (a review of EPA's draft IRIS toxicological review of inorganic arsenic, a review of EPA's draft technical guidance for assessing environmental justice in regulatory analysis, and a draft commentary on advancing environmental justice science in rulemaking), (3) discuss recommendations received from the SAB Work Group for Review of Science Supporting EPA Decisions concerning SAB review of EPA planned regulatory actions, and (4) conduct a consultation with EPA on chemical co-exposures.	10/15/2024	10/16/2024
The purpose of the meeting is to review nominations and make recommendations for the Early Career Science and Technology Award. The meeting is closed to the public. THIS MEETING WAS POSTPONED WITH NOTICE PROVIDED ON THE MEETING WEBPAGE.	11/04/2024	11/04/2024

The purpose of the meeting is to review nominations and make recommendations for the Early Career Science and Technology Award. The meeting is closed to the public. 11/06/2024 - 11/06/2024
THIS MEETING WAS POSTPONED WITH NOTICE PROVIDED ON THE MEETING WEBPAGE.

The purpose of the meeting is to review nominations and make recommendations for the Early Career Science and Technology Award. The meeting is closed to the public. 11/13/2024 - 11/13/2024
THIS MEETING CHANGED TO AN ADMINISTRATIVE MEETING WITH NOTICE PROVIDED ON THE MEETING WEBPAGE.

Number of Committee Meetings Listed: 4

	Current Next	
	FY	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	\$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. 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)	\$0.00	\$0.00
18e. Total Costs	\$0.00	\$0.00

19. Federal Staff Support Years 0.00 0.00
(FTE)

20a. How does the Committee accomplish its purpose?

EPA's Science Advisory Board (SAB), established in 1978 under the Environmental Research, Development, and Demonstration Authorization Act, provides independent peer review and advice to EPA on a wide range of scientific and technical aspects of environmental problems and issues and research needs.

20b. How does the Committee balance its membership?

The SAB is composed of about 45 members. The number of members may be adjusted as necessary to provide leadership to SAB committees and panels. Most SAB members serve as special government employees appointed to provide their individual expert advice. Members are independent experts in the fields of science, engineering, and economics and other social sciences to provide a range of expertise required to assess the scientific and technical aspects of environmental issues. In addition, the chair of the Clean Air Scientific Advisory Committee is an SAB member.

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

The SAB, its subcommittees and subgroups, review a variety of issues that the Agency must confront. The board supports the Agency by using its broad base of scientific disciplines to review the scientific and technical basis of Agency regulatory and research activities.

20d. Why can't the advice or information this

committee provides be obtained elsewhere?

Other EPA advisory committees do not have the scope and level of scientific talent required to provide the depth, objectivity, or credibility as does the Science Advisory Board. There are no similar efforts of the kind that the Board provides within the Agency. To avoid duplication, the board maintains an active liaison with the FIFRA Scientific Advisory Panel, the TSCA Science Advisory Committee on Chemicals, the Children's Health Protection Advisory Committee, the Board of Scientific Counselors, and other EPA advisory committees.

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

The SAB annually conducts an independent review of the EPA Scientific and Technical Achievement Awards. These awards are established to honor and recognize EPA employees who have made outstanding contributions in the advancement of science and technology through their research and development activities, as exhibited in publication of their results in peer reviewed journals. The Administrator determined that these meetings should be closed to the public because they are concerned with recommending employees deserving of awards and involves professional judgments on the relative merits of various employees and their respective work. Such personnel matters involve the discussion of information that is of a personal nature, the disclosure of which would be a clearly unwarranted invasion of personal privacy and, therefore, is protected from disclosure by section (c)(6) of the Government in the Sunshine Act, 5 U.S.C. 552b(c)(6).

21. Remarks

Members may serve as Tier 1 (parent committee members) and Tier 2 (subcommittee) members.

Designated Federal Officer

Shaunta Hill-Hammond Designated Federal Officer

Committee Members	Start	End	Occupation	Member Designation
Aelion, C. Marjorie	10/01/2023	01/28/2025	Tier 1, Dean Emerita and Professor Emerita, School of Public Health, University of Massachusetts, Amherst, MA	Special Government Employee (SGE) Member
Allen, David	10/01/2023	01/28/2025	Tier1, Gertz Regents Professor of Chemical Engineering and Director of the Center for Energy and Environmental Resources, Department of Chemical Engineering, The University of Texas, Austin, TX	Special Government Employee (SGE) Member
Anenberg, Susan	08/18/2021	01/28/2025	Tier 1, Chair, Department of Environmental and Occupational Health, Milken Institute School of Public Health, George Washington University, Washington, DC	Special Government Employee (SGE) Member
Anoruo, Florence	08/18/2021	01/28/2025	Tier 1, Assistant Professor of Plant and Environmental Science, Department of Biological and Physical Sciences, South Carolina State University, Orangeburg, SC	Special Government Employee (SGE) Member

Arvai, Joseph	10/01/2023	01/28/2025	Tier 1, Director and Dana and David Dornsife Professor, Wrigley Institute for Environment and Sustainability, University of Southern California, Los Angeles, CA	Special Government Employee (SGE) Member
Auffhammer, Maxmilian	09/29/2023	01/28/2025	Professor, Department of Agricultural and Resource Economics, University of California, Berkeley, Berkeley, CA	Special Government Employee (SGE) Member
Benke, Roland	10/01/2023	01/28/2025	Tier1, Director, Renaissance Code Development, LLC, Austin, TX	Special Government Employee (SGE) Member
Berrocal, Veronica	10/01/2023	01/28/2025	Tier 1, Professor, Department of Statistics, University of California Irvine (UCI), Irvine, CA	Special Government Employee (SGE) Member
Bond, Tami	08/18/2021	01/28/2025	Tier 1, Scott Presidential Chair in Energy, Environment and Health, Department of Mechanical Engineering, Colorado State University, Fort Collins, CO	Special Government Employee (SGE) Member
Boyer, Elizabeth	09/27/2024	01/28/2025	Professor of Environmental Science, Department of Ecosystem Science and Management, Penn State University, University Park, PA	Special Government Employee (SGE) Member

Chakraborty, Jayajit	08/18/2021	01/28/2025	Tier 1, Professor of Geography, Department of Sociology and Anthropology, and Director of the Socio-Environmental Analysis Laboratory University of Texas at El Paso, El Paso, TX	Special Government Employee (SGE) Member
Chen, Aimin	08/18/2021	01/28/2025	Tier 1, Professor of Epidemiology, Department of Biostatistics, Epidemiology, and Informatics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA	Special Government Employee (SGE) Member
DiGiovanni, John	10/01/2023	01/28/2025	Tier 1, Professor and Coulter R. Sublett Chair in Pharmacy, Division of Pharmacology and Toxicology and Department of Nutritional Sciences, Dell Pediatric Research Institute, The University of Texas at Austin, Austin, TX	Special Government Employee (SGE) Member
Fordham, Earl	10/01/2023	01/28/2025	Tier 1, Deputy Director, Office of Radiation Protection, Washington Department of Health, Richland, WA	Special Government Employee (SGE) Member
Fry, Rebecca	10/01/2023	01/28/2025	Tier 1, Professor, Department of Environmental Sciences and Engineering, School of Global Public Health, University of North Carolina, Chapel Hill, Chapel Hill, NC	Special Government Employee (SGE) Member

Graff Zivin, Joshua	09/30/2024	01/28/2025	Pacific Economic Cooperation Chair in International Economic Relations, Department of Economics, School of Global Policy and Strategy, University of California, San Diego, La Jolla, CA Edyth H. Schoenrich Professor of Preventive Medicine, Department of Environmental Health and Engineering Associate Director for Population Sciences Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins Bloomberg School of Public Health Johns Hopkins Sc	Special Government Employee (SGE) Member
Groopman, John	09/27/2024	01/28/2025	Tier 1, Chief Scientist, Environmental Defense Fund, Providence, RI Emeritus Clinical Professor, School of Public Health, Boston University, Boston, MA	Special Government Employee (SGE) Member
Hamburg, Steven	10/01/2023	01/28/2025	Tier 1, Director, Laboratory and Analytical Services Division, Water Resources Mission Area, U.S. Geological Survey, Lakewood, CO	Special Government Employee (SGE) Member
Heiger-Bernays, Wendy	09/27/2024	01/28/2025	Associate Professor, McKetta Department of Chemical Engineering, University of Texas at Austin, Austin, TX	Special Government Employee (SGE) Member
Hernandez-Ruiz, Selene	08/18/2021	01/28/2025		Regular Government Employee (RGE) Member
Hildebrandt Ruiz, Lea	09/27/2024	01/28/2025		Special Government Employee (SGE) Member

Jones, Kimberly	10/01/2023	01/28/2025	Tier 1, Associate Provost and Professor of Civil and Environmental Engineering, Department of Civil and Environmental Engineering, Howard University. Washington, DC	Special Government Employee (SGE) Member
Keiser, David	08/18/2021	01/28/2025	Tier 1, Professor, Department of Resource Economics, University of Massachusetts Amherst, Amherst, MA	Special Government Employee (SGE) Member
LeChevallier, Mark	10/01/2023	01/28/2025	Tier1, Principal, Dr. Water Consulting, Morrison, CO	Special Government Employee (SGE) Member
Leung, Angela	08/18/2021	01/28/2025	Tier 1, Clinical Associate Professor of Medicine, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, David Geffen School of Medicine, University of California Los Angeles, Los Angeles, CA	Special Government Employee (SGE) Member
Li, Hui	09/27/2024	01/28/2025	Professor of Environmental Soil Chemistry, Department of Plant, Soil and Microbial Sciences, Michigan State University, East Lansing, MI	Special Government Employee (SGE) Member
Lone Fight, Lisa	08/18/2021	01/28/2025	Tier 1, Director, Science, Technology and Research Department, Three Affiliated Tribes, New Town, ND	Special Government Employee (SGE) Member

Ma, Lala	08/18/2021	01/28/2025	Tier 1, Associate Professor, Department of Economics, Gatton College of Business and Economics, University of Kentucky, Lexington, KY	Special Government Employee (SGE) Member
Mitchell, Jade	09/27/2024	01/28/2025	Professor and Associate Chair, Biosystems and Agricultural Engineering, Michigan State University, East Lansing, MI	Special Government Employee (SGE) Member
Neptune, Enid	08/18/2021	01/28/2025	Tier 1, Associate Professor of Medicine, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Johns Hopkins University, Baltimore, MD	Special Government Employee (SGE) Member
Ng, Carla	09/27/2024	01/28/2025	Associate Professor, Department of Civil and Environmental Engineering, University of Pittsburgh, Pittsburgh, PA	Special Government Employee (SGE) Member
Olmstead, Sheila	10/01/2023	01/28/2025	Tier 1, Professor and Cornell Atkinson Scholar, Jeb E. Brooks School of Public Policy, Cornell University, Ithaca, NY,	Special Government Employee (SGE) Member
Omer, Austin	10/01/2023	01/28/2025	Tier 1, Sustainable Systems Agronomist, Crop Science Commercial, Bayer U.S., Morton, IL	Special Government Employee (SGE) Member
Post, Gloria	08/18/2021	01/28/2025	Tier 1, Research Scientist (Retired), Trenton, NJ	Special Government Employee (SGE) Member

Rodewald, Amanda	10/01/2023	01/28/2025	<p>Tier 1, Garvin Professor and Senior Director of Center for Avian Population Studies, Department of Natural Resources and the Environment, Cornell Lab of Ornithology, Cornell University, Ithaca, NY</p> <p>Tier 1, Professor, Professor, Departments of Epidemiology and Environmental and Occupational Health, Colorado School of Public Health, Aurora, CO</p> <p>Associate Professor, Gangarosa Department of Environmental Health, Rollins School of Public Health, Emory University, Atlanta, GA</p>	<p>Special Government Employee (SGE) Member</p>
Samet, Jonathan	10/01/2023	01/28/2025	<p>Tier 1, Professor, Professor, Departments of Environmental Health, Rollins School of Public Health, Emory University, Atlanta, GA</p>	<p>Special Government Employee (SGE) Member</p>
Sarnat, Jeremy	09/27/2024	01/28/2025	<p>Tier 1, Nicholas Distinguished Professor of Earth Science, Nicholas School of the Environment, Duke University, Durham, NC</p>	<p>Special Government Employee (SGE) Member</p>
Shindell, Drew	08/18/2021	01/28/2025	<p>Tier 1, Assistant Professor, Department of Environmental Health and Engineering, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD</p>	<p>Special Government Employee (SGE) Member</p>
Smith, Genee	08/18/2021	01/28/2025	<p>Tier 1, Assistant Professor, Department of Environmental Health and Engineering, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD</p>	<p>Special Government Employee (SGE) Member</p>

Stram, Daniel	10/01/2023	01/28/2025	Tier1, Professor, Department of Population and Public Health Sciences, Keck School of Medicine, University of Southern California, Los Angeles, CA	Special Government Employee (SGE) Member
Thorne, Peter	10/01/2023	01/28/2025	Tier 1, University of Iowa Distinguished Chair and Professor, Department of Occupational & Environmental Health, College of Public Health, Director of Human Toxicology Program, University of Iowa, Iowa City, IA	Special Government Employee (SGE) Member
Uzochukwu, Godfrey	08/18/2021	01/28/2025	Tier 1, Senior Professor, Waste Management Institute, North Carolina A&T State University, Greensboro, NC	Special Government Employee (SGE) Member
Wang, Wei-Hsung	10/01/2023	01/28/2025	Tier1, Professor, Center for Energy Studies and Director of the Radiation Safety Office, Louisiana State University, Baton Rouge, LA	Special Government Employee (SGE) Member
Weintraub, June	10/01/2023	01/28/2025	Tier1, Deputy Director, Center for Environmental Health, California Department of Public Health, Sacramento, CA	Special Government Employee (SGE) Member
Wilson, Sacoby	08/18/2021	01/28/2025	Tier 1, Associate Professor, Maryland Institute for Applied Environmental Health, Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland, College Park, MD	Special Government Employee (SGE) Member

Wolf, Douglas	10/01/2023	01/28/2025	Tier 1, Senior Fellow. Syngenta Crop Protection. LLC, Greensboro, NC	Special Government Employee (SGE) Member
			Tier1, Professor, Division of Epidemiology, Biostatistics, and Preventive Medicine, Department of Internal Medicine, School of Medicine, University of New Mexico, Albuquerque, NM	Special Government Employee (SGE) Member
Zhu, Yiliang	10/01/2023	01/28/2025		

Number of Committee Members Listed: 47

Narrative Description

EPA's Science Advisory Board (SAB), established in 1978 under the Environmental Research, Development, and Demonstration Authorization Act, provides independent peer review and advice to EPA on a wide range of scientific and technical aspects of environmental problems and issues and research needs. In FY 2025, the Tier 1 chartered SAB, Tier 2 subcommittees, and Tier 3 panels provided advice and received informational briefings from EPA offices on a wide variety of topics. The Tier 1 SAB held XXX meetings and Tier 3 panels held XXX meetings. These meetings were held as videoconferences or hybrid (in-person and videoconference) meetings. The SAB produced XXX advisory reports. A list of the reports finalized in FY 2025 is included in the committee reports section of the FACA database.

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 type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>

- Improved service delivery ☐
- Increased customer satisfaction ☐
- Implementation of laws or regulatory requirements ☐
- Other ☐

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?

928

Number of Recommendations Comments

Each advisory report is considered a recommendation. The SAB produced six reports in FY 2025 and a total of 928 advisory reports to EPA since 1973.

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

50%

% of Recommendations Fully Implemented Comments

Difficult to quantify since many of the recommendations are applicable for long-range

planning.

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

30%

% of Recommendations Partially Implemented Comments

Difficult to quantify since many of the recommendations are applicable for long-range planning.

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

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Agency prepares a written response acknowledging the advice and how the Agency will address it.

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

N/A

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

Access Comments

N/A