

## 2024 Current Fiscal Year Report: EPA Science Advisory Board

Report Run Date: 04/26/2024 04:28:33 AM

<b>1. Department or Agency</b>		<b>2. Fiscal Year</b>	
Environmental Protection Agency		2024	
<b>3. Committee or Subcommittee</b>		<b>3b. GSA Committee No.</b>	
EPA Science Advisory Board		734	
<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>
No	09/06/2023	09/06/2025	
<b>8a. Was Terminated During FiscalYear?</b>	<b>8b. Specific Termination Authority</b>	<b>8c. Actual Term Date</b>	
No	ERDDAA ACT OF 1978, 42 U.S.C. 4365		
<b>9. Agency Recommendation for Next FiscalYear</b>	<b>10a. Legislation Req to Terminate?</b>	<b>10b. Legislation Pending?</b>	
Continue	Not Applicable	Not Applicable	
<b>11. Establishment Authority</b> Statutory (Congress Created)			
<b>12. Specific Establishment Authority</b>	<b>13. Effective Date</b>	<b>14. Committee Type</b>	<b>14c. Presidential?</b>
ERDDAA ACT OF 1978, 42 U.S.C. 4365	01/01/1978	Continuing	No
<b>15. Description of Committee</b> Scientific Technical Program Advisory Board			
<b>16a. Total Number of Reports</b> 8			
<b>16b. Report Date</b>	<b>Report Title</b>		
10/12/2023	SAB review of EPA's Standardized Framework for Sewage Sludge Chemical Risk Assessment (External Peer Review Draft)		
11/20/2023	Review of the Updated Methodology of EPA's Environmental Justice Screening and Mapping Tool (EJScreen version 2.1)		

01/17/2024	Review of BenMAP and Benefits Methods
	Review of the Science Supporting the Proposed Rule Titled, Greenhouse Gas Reporting Rule:
01/17/2024	Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems (RIN 2060-AV83)
	Science Advisory Board (SAB) Consideration of Two Planned Regulatory Actions Listed on EPA's 2023 Spring Regulatory Agenda
01/17/2024	Discussed During the Chartered SAB Meeting on November 30, 2023
	Review of the Clean Air Status and Trends Ambient Air Monitoring Network (CASTNet)
04/10/2024	Review of the Science Supporting the Proposed Rule Titled, New Source Performance Standards for Greenhouse Gas Emissions from New, Modified, and Reconstructed Fossil Fuel-Fired Electric Generating Units; Emission Guidelines for Greenhouse Gas Emissions fr
04/17/2024	Science Advisory Board (SAB) Consideration of Eight Planned Regulatory Actions Listed on EPA's 2023 Fall Regulatory Agenda
04/17/2024	Discussed During the Chartered SAB Meeting on February 29, 2024

**Number of Committee Reports Listed: 8**

**17a.** 2 **17b. Closed** 0 **17c. Partially Closed** 0 **Other Activities** 0 **17d. Total** 2  
**Open**

### Meetings and Dates

Purpose	Start	End
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The Chartered SAB held a public meeting to:  
 (1) conduct a quality review of the draft SAB report titled: Review of BenMAP and Benefits Methods; (2) discuss the SAB draft report on the proposed rule titled Greenhouse Gas Reporting Rule: Revisions and Confidentiality Determinations for Petroleum and Natural Gas Systems (RIN 2060-AV83); and (3) discuss recommendations received from the SAB Work Group for Review of Science Supporting EPA Decisions concerning SAB review of EPA planned regulatory actions.

11/30/2023 - 11/30/2023

The Chartered SAB held a public meeting to:  
 (1) receive a briefing from EPA on the Agency's Scientific Integrity Policy; (2) conduct a quality review of the draft SAB report titled: Review of the Clean Air Status and Trends Ambient Air Monitoring Network (CASTNet); (3) discuss a draft SAB report on the proposed rule titled New Source Performance Standards: Greenhouse Gas Emissions from New, Modified, and Reconstructed Fossil Fuel-Fired Electric Generating Units; Emission Guidelines for Greenhouse Gas Emissions from Existing Fossil Fuel-Fired Electric Generating Units; and Repeal of the Affordable Clean Energy Rule (RIN 2060-AV09); and (4) discuss recommendations received from the SAB Work Group for Review of Science Supporting EPA Decisions concerning SAB review of EPA planned regulatory actions.

02/29/2024 - 02/29/2024

## Number of Committee Meetings Listed: 2

	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>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$0.00	\$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>	\$0.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$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. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$0.00	\$0.00
<b>18d. Total</b>	\$0.00	\$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00	0.00

**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. In FY 2024 the Tier 1 Chartered SAB, Tier 2 subcommittees, and Tier 3 panels completed peer reviews, provided advice, and received informational briefings from EPA Offices on a variety of topics. The Tier 1 SAB held two meetings and Tier 3 panels held seven meetings. These meetings were held as videoconferences or hybrid face-to-face and videoconference meetings. The SAB produced eight advisory reports. A list of the reports and letters finalized in FY 2024 is included in the committee report section of the FACA database.

**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

The EPA Science Advisory Board has undertaken new tasks as requested by EPA which increased costs and federal staff support. These will be examined with the next charter renewal. Members may serve as Tier 1 (parent committee members) and Tier 2 (subcommittee) members.

## Designated Federal Officer

Thomas Armitage Designated Federal Officer

Committee Members	Start	End	Occupation	Member Designation
Aelion, C. Marjorie	10/01/2023	09/30/2025	Tier 1, Dean Emerita and Professor Emerita, School of Public Health, University of Massachusetts, Amherst, Amherst, MA	Special Government Employee (SGE) Member

Allen, David	10/01/2023	09/30/2025	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 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
Anenberg, Susan	08/18/2021	09/30/2024	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
Anoruo, Florence	08/18/2021	09/30/2024	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
Arvai, Joseph	10/01/2023	09/30/2025	Tier 1, Principal, Gradient, Boston, MA	Special Government Employee (SGE) Member
Beck, Barbara	08/18/2021	09/30/2024	Tier1, Director, Renaissance Code Development, LLC, Austin, TX	Special Government Employee (SGE) Member
Benke, Roland	10/01/2023	09/30/2025	Tier 1, Professor, Department of Statistics, University of California Irvine (UCI), Irvine, CA	Special Government Employee (SGE) Member
Berrocal, Veronica	10/01/2023	09/30/2026		

Bond, Tami	08/18/2021	09/30/2024	<p>Tier 1, Scott Presidential Chair in Energy, Environment and Health, Department of Mechanical Engineering, Colorado State University, Fort Collins, CO</p> <p>Tier 1, Professor of Civil and Environmental Engineering, Pratt School of Engineering, Duke University, Durham, NC</p>	<p>Special Government Employee (SGE) Member</p>
Borsuk, Mark	08/18/2021	09/30/2024	<p>Tier 1, Professor and Wickersham Chair of Excellence in Agricultural Research, Department of Agronomy, Purdue University, West Lafayette, IN</p>	<p>Special Government Employee (SGE) Member</p>
Brouder, Sylvie	08/18/2021	09/30/2024	<p>Tier 1, Professor of Geography, Department of Sociology and Anthropology, and Director of the Socio-Environmental and Geospatial Analysis Laboratory University of Texas at El Paso, El Paso, TX</p>	<p>Special Government Employee (SGE) Member</p>
Chakraborty, Jayajit	08/18/2021	09/30/2024	<p>Tier 1, Professor of Epidemiology, Department of Biostatistics, Epidemiology, and Informatics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA</p>	<p>Special Government Employee (SGE) Member</p>
Chen, Aimin	08/18/2021	09/30/2024		

Chiu, Weihsueh	08/18/2021	09/30/2024	<p>Tier 1, Professor, Department of Veterinary Integrative Biosciences, College of Veterinary Medicine and Biomedical Sciences, Texas A&amp;M University, College Station, TX</p> <p>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</p>	<p>Special Government Employee (SGE) Member</p>
DiGiovanni, John	10/01/2023	09/30/2026	<p>Tier 1, Professor and University Faculty Scholar, Department of Forestry and Environmental Resources, North Carolina State University, Raleigh, NC</p>	<p>Special Government Employee (SGE) Member</p>
Emanuel, Ryan	08/18/2021	09/30/2024	<p>Tier 1, Deputy Director, Office of Radiation Protection, Washington Department of Health, Richland, WA</p>	<p>Special Government Employee (SGE) Member</p>
Fordham, Earl	10/01/2023	09/30/2025	<p>Tier 1, Professor, Department of Environmental Sciences and Engineering, School of Global Public Health, University of North Carolina, Chapel Hill, Chapel Hill, NC</p>	<p>Special Government Employee (SGE) Member</p>
Fry, Rebecca	10/01/2023	09/30/2026		

Guckenheimer, John	08/18/2021	09/30/2024	Tier 1, Bullis Chair of Mathematics, Emeritus, Department of Mathematics, Cornell University, Ithaca, NY	Special Government Employee (SGE) Member
Hamburg, Steven	10/01/2023	09/30/2025	Tier 1, Chief Scientist, Environmental Defense Fund, Providence, RI	Special Government Employee (SGE) Member
Hernandez-Ruiz, Selene	08/18/2021	09/30/2024	Tier 1, Director, Laboratory and Analytical Services Division, Water Resources Mission Area, U.S. Geological Survey, Lakewood, CO	Regular Government Employee (RGE) Member
Irwin, Elena	08/18/2021	09/30/2024	Tier 1, Distinguished Professor of Food, Agricultural and Environmental Sciences in Economics and Sustainability, Department of Agricultural, Environmental, and Developmental Economics, The Ohio State University, Columbus, OH	Special Government Employee (SGE) Member
Jones, Kimberly	10/01/2023	09/30/2026	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	09/30/2024	Tier 1, Professor, Department of Resource Economics, University of Massachusetts Amherst, Amherst, MA	Special Government Employee (SGE) Member

LeChevallier, Mark	10/01/2023	09/30/2025	Tier1, Principal, Dr. Water Consulting, Morrison, CO	Special Government Employee (SGE) Member
Leung, Angela	08/18/2021	09/30/2024	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
Lone Fight, Lisa	08/18/2021	09/30/2024	Tier 1, Director, Science, Technology and Research Department, Three Affiliated Tribes, New Town, ND	Special Government Employee (SGE) Member
Ma, Lala	08/18/2021	09/30/2024	Tier 1, Associate Professor, Department of Economics, Gatton College of Business and Economics, University of Kentucky, Lexington, KY	Special Government Employee (SGE) Member
Neptune, Enid	08/18/2021	09/30/2024	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
Olmstead, Sheila	10/01/2023	09/30/2025	Tier 1, Dean Rusk Chair and Professor of Public Affairs, Lyndon B. Johnson School of Public Affairs, The University of Texas at Austin, Austin, TX	Special Government Employee (SGE) Member

Omer, Austin	10/01/2023	09/30/2025	Tier 1, Sustainable Systems Agronomist, Crop Science Commercial, Bayer U.S., Morton, IL	Special Government Employee (SGE) Member
Post, Gloria	08/18/2021	09/30/2024	Tier 1, Research Scientist, Division of Science and Research, New Jersey Department of Environmental Protection, Trenton, NJ	Special Government Employee (SGE) Member
Rodewald, Amanda	10/01/2023	09/30/2025	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	Special Government Employee (SGE) Member
Samet, Jonathan	10/01/2023	09/30/2025	Tier 1, Professor, Professor, Departments of Epidemiology and Environmental and Occupational Health, Colorado School of Public Health, Aurora, CO	Special Government Employee (SGE) Member
Sheppard, Lianne	08/18/2021	09/30/2024	Tier 1, Professor, Department of Environmental and Occupational Health Sciences and Department of Biostatistics, Hans Rosling Center for Population Health, University of Washington, Seattle, WA	Special Government Employee (SGE) Member
Shindell, Drew	08/18/2021	09/30/2024	Tier 1, Nicholas Distinguished Professor of Earth Science, Nicholas School of the Environment, Duke University, Durham, NC	Special Government Employee (SGE) Member

Smith, Genee	08/18/2021	09/30/2024	Tier 1, Assistant Professor, Department of Environmental Health and Engineering, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD	Special Government Employee (SGE) Member
Stram, Daniel	10/01/2023	09/30/2025	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	09/30/2025	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	09/30/2024	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	09/30/2025	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	09/30/2025	Tier1, Deputy Director, Center for Environmental Health, California Department of Public Health, Sacramento, CA	Special Government Employee (SGE) Member

Wilson, Sacoby	08/18/2021	09/30/2024	<p>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</p> <p>Special Government Employee (SGE) Member</p>
Wolf, Douglas	10/01/2023	09/30/2026	<p>Tier 1, Senior Fellow. Syngenta Crop Protection. LLC, Greensboro, NC</p> <p>Special Government Employee (SGE) Member</p>
Zhu, Yiliang	10/01/2023	09/30/2026	<p>Tier1, Professor, Division of Epidemiology, Biostatistics, and Preventive Medicine, Department of Internal Medicine, School of Medicine, University of New Mexico, Albuquerque, NM</p> <p>Special Government Employee (SGE) Member</p>
van der Mensbrugghe, Dominique	08/18/2021	09/30/2024	<p>Tier 1, Research Professor and Director of the Cennter for Global Trade Analysis, Department of Agricultural Economics, Purdue University, West Lafayette, IN</p> <p>Special Government Employee (SGE) Member</p>
Anoruo, Florence [Agricultural Science Committee]	08/18/2021	09/30/2024	<p>Tier 1 and Tier 2, Assistant Professor of Plant and Environmental Science, Department of Biological and Physical Sciences, South Carolina State University, Orangeburg, SC</p> <p>Special Government Employee (SGE) Member</p>

Brouder, Sylvie [Agricultural Science Committee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor and Wickersham Chair of Excellence in Agricultural Research, Department of Agronomy, Purdue University, West Lafayette, IN	Special Government Employee (SGE) Member
Irwin, Elena [Agricultural Science Committee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Distinguished Professor of Food, Agricultural and Environmental Sciences in Economics and Sustainability, The Ohio State University, Columbus, OH	Special Government Employee (SGE) Member
Omer, Austin [Agricultural Science Committee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Sustainable Systems Agronomist, Crop Science Commercial, Bayer U.S., Morton, IL	Special Government Employee (SGE) Member
Uzochuckwu, Godfrey [Agricultural Science Committee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Senior Professor, Waste Management Institute, North Carolina A&T State University, Greensboro, NC	Special Government Employee (SGE) Member
Beck, Barbara [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Principal, Gradient, Boston, MA	Special Government Employee (SGE) Member
Borsuk, Mark [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor of Civil and Environmental Engineering, Pratt School of Engineering, Duke University, Durham, NC	Special Government Employee (SGE) Member

Chen, Aimin [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor of Epidemiology, Department of Biostatistics, Epidemiology, and Informatics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA	Special Government Employee (SGE) Member
Chiu, Weihsueh [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor, Department of Veterinary Integrative Biosciences, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University, College Station, TX	Special Government Employee (SGE) Member
DiGiovanni, John [Chemical Assessment Advisory Subcommittee]	10/01/2023	09/30/2026	Tier 1 and Tier 2, 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
Fry, Rebecca [Chemical Assessment Advisory Subcommittee]	10/01/2023	09/30/2026	Tier 1 and Tier 2, 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

Neptune, Enid [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Associate Professor of Medicine, Division of Pulmonary and Critical Care Medicine, Department of Medicine, Johns Hopkins University, Baltimore, MD	Special Government Employee (SGE) Member
Post, Gloria [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Research Scientist, Division of Science and Research, New Jersey Department of Environmental Protection, Trenton, NJ	Special Government Employee (SGE) Member
Wolf, Douglas [Chemical Assessment Advisory Subcommittee]	10/01/2023	09/30/2026	Tier 1 and Tier 2, Senior Fellow, Syngenta Crop Protection LLC, Greensboro, NC	Special Government Employee (SGE) Member
Anenberg, Susan [Climate Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Associate Professor, Department of Environmental and Occupational Health, Milken Institute School of Public Health, George Washington University, Washington, DC	Special Government Employee (SGE) Member
Bond, Tami [Climate Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Scott Presidential Chair in Energy, Environment and Health, Department of Mechanical Engineering, Colorado State University, Fort Collins, CO	Special Government Employee (SGE) Member
Hamburg, Steven [Climate Science Committee Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Chief Scientist, Environmental Defense Fund, Providence, RI	Special Government Employee (SGE) Member

Shindell, Drew [Climate Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Nicholas Distinguished Professor of Earth Science, Nicholas School of the Environment, Duke University, Durham, NC	Special Government Employee (SGE) Member
Hernandez-Ruiz, Selene [Drinking Water Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Director, Laboratory and Analytical Services Division, Water Resources Mission Area, U.S. Geological Survey, Lakewood, CO	Regular Government Employee (RGE) Member
LeChevallier, Mark [Drinking Water Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Principal, Dr. Water Consulting, LLC, Morrison, CO	Special Government Employee (SGE) Member
Leung, Angela [Drinking Water Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, 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
Weintraub, June [Drinking Water Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Deputy Director, Center for Environmental Health, California Department of Public Health, Sacramento, CA	Special Government Employee (SGE) Member
Keiser, David [Economic Analysis Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor, Department of Resource Economics, University of Massachusetts Amherst, Amherst, MA	Special Government Employee (SGE) Member

Ma, Lala [Economic Analysis Subcommittee]	10/01/2021	09/30/2024	Tier 1 and Tier 2, Associate Professor, Department of Economics, Gatton College of Business and Economics, University of Kentucky, Lexington, KY	Special Government Employee (SGE) Member
Olmstead, Sheila [Economic Analysis Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Dean Rusk Chair and Professor of Public Affairs, Lyndon B. Johnson School of Public Affairs, The University of Texas at Austin, Austin, TX	Special Government Employee (SGE) Member
van der Mensbrugghe, Dominique [Economic Analysis Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Research Professor and Director of the Center for Global Trade Analysis, Department of Agricultural Economics, Purdue University, West Lafayette, IN	Special Government Employee (SGE) Member
Berrocal, Veronica [Environmental Justice Science Committee Subcommittee]	10/01/2023	09/30/2026	Tier 1 and Tier 2, Professor, Department of Statistics, University of California Irvine (UCI), Irvine, CA	Special Government Employee (SGE) Member
Chakraborty, Jayajit [Environmental Justice Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor of Geography, Department of Sociology and Anthropology, University of Texas at El Paso, El Paso, TX	Special Government Employee (SGE) Member
Emanuel, Ryan [Environmental Justice Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Professor and University Faculty Scholar, Department of Forestry and Environmental Resources, North Carolina State University, Raleigh, NC	Special Government Employee (SGE) Member

Lone Fight, Lisa [Environmental Justice Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Director, Science, Technology and Research Department, Three Affiliated Tribes, New Town, ND	Special Government Employee (SGE) Member
Smith, Genee [Environmental Justice Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Assistant Professor, Department of Environmental Health and Engineering, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD	Special Government Employee (SGE) Member
Wilson, Sacoby [Environmental Justice Science Committee Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Associate Professor, Maryland Institute for Applied Environmental Health, Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland, College Park, M	Special Government Employee (SGE) Member
Benke, Roland [Radiation Advisory Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Director, Renaissance Code Development, LLC, Austin, TX	Special Government Employee (SGE) Member
Fordham, Earl [Radiation Advisory Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Deputy Director, Office of Radiation Protection, Division of Environmental Public Health, Washington Department of Health, Richland, WA	Special Government Employee (SGE) Member
Stram, Daniel [Radiation Advisory Subcommittee]	10/01/2023	09/30/2025	Tier 1 and Tier 2, Professor, Department of Population and Public Health Sciences, Keck School of Medicine, University of Southern California, Los Angeles, CA	Special Government Employee (SGE) Member

Wang, Wei-Hsung  
[Radiation Advisory Subcommittee]

10/01/2023 09/30/2025

Tier 1 and Tier 2,  
Professor, Center  
for Energy Studies  
and Director of the  
Radiation Safety  
Office, Louisiana  
State University,  
Baton Rouge, LA  
Special  
Government  
Employee  
(SGE)  
Member

**Number of Committee Members Listed: 82**

### **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 2024, 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 four meetings and Tier 3 panels held seven meetings. These meetings were held as videoconferences or hybrid face-to-face and videoconference meetings. The SAB produced eight advisory reports. A list of the reports finalized in FY 2024 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	<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"/>
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?

922

## Number of Recommendations Comments

Each advisory report is considered a recommendation. The SAB produced eight reports in FY 2024 and a total of 922 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



**Access Comments**

N/A