

2023 Current Fiscal Year Report: EPA Science Advisory Board

Report Run Date: 02/04/2023 08:15:13 AM

1. Department or Agency	2. Fiscal Year
Environmental Protection Agency	2023
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	09/11/2021	09/11/2023	

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 3

16b. Report Date	Report Title
12/15/2022	Regulatory Review Report of Science Supporting EPA Decisions for the Proposed Rule: Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards (RIN 2060-AU41)

12/15/2022 Science Advisory Board (SAB)
 Consideration of Eleven Planned
 Regulatory Actions listed on EPA's
 2022 Spring Regulatory Agenda and
 Discussed during the Chartered SAB
 November 2022 Meeting

12/20/2022 Consultation on Environmental
 Justice Analysis for EPA's Lead and
 Copper Rule Improvements

Number of Committee Reports Listed: 3

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

Meetings and Dates

Purpose	Start	End
The chartered SAB met to: (1) receive briefings from two EPA offices on activities and research priorities for environmental justice considerations; (2) conduct a consultation with EPA on environmental justice analyses for the Agency's Lead and Copper Rule improvements; (3) deliberate on the adequacy of the scientific and technical basis of the proposed rule titled Control of Air Pollution From New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards; 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.	11/03/2022	11/04/2022

Number of Committee Meetings Listed: 1

	Current FY	Next 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. 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?

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 2022 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 three meetings. Tier 2 subcommittees held five meetings, and Tier 3 panels held four meetings. All of these meetings were held as videoconferences. The SAB produced nine advisory reports. A list of the reports and letters finalized in FY 2022 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
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Aelion, Marjorie	08/18/2021 09/30/2023	<p>Tier 1, Associate Vice Chancellor for Research and Engagement, Special Department of Government Environmental Employee Health (SGE) Sciences, Member University of Massachusetts Amherst, Amherst, MA</p>
Allen, David	08/18/2021 09/30/2023	<p>Tier 1, Melvin H. Gertz Regents Chair in Chemical Engineering, McKetta Special Department of Government Chemical Employee Engineering, (SGE) Cockrell Member School of Engineering, University of Texas, Austin, TX</p>
Anenberg, Susan	08/18/2021 09/30/2024	<p>Tier 1, Associate Professor, Department of Environmental and Occupational Special Health, Milken Government Institute Employee School of (SGE) Public Health, Member George Washington University, Washington, DC</p>

Anoruo, Florence	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
Arvai, Joseph	08/18/2021	09/30/2023	Tier 1, Director, Wrigley Institute for Environmental Studies, Dana and David Dornsife Chair of Psychology, Department of Psychology, University of Southern California, Los Angeles, CA	Special Government Employee (SGE) Member
Beck, Barbara	08/18/2021	09/30/2024	Tier 1, Principal, Gradient, Boston, MA	Special Government Employee (SGE) Member
Benke, Roland	08/18/2021	09/30/2023	Tier 1, Partner, Renaissance Code Development, LLC, Austin, TX	Special Government Employee (SGE) Member
Bond, Tami	08/18/2021	09/30/2024	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

Borsuk, Mark	08/18/2021	09/30/2024	Tier 1, Professor of Civil and Environmental Engineering, Pratt School of Engineering, Duke University, Durham, NC	Special Government Employee (SGE) Member
Brouder, Sylvie	08/18/2021	09/30/2024	Tier 1, Professor and Wickersham Chair of Excellence in Agricultural Research, Department of Agronomy, Purdue University, West Lafayette, IN	Special Government Employee (SGE) Member
Chakraborty, Jayajit	08/18/2021	09/30/2024	Tier 1, Professor of Geography, Department of Sociology and Anthropology, University of Texas at El Paso, El Paso, TX	Special Government Employee (SGE) Member
Chen, Aimin	08/18/2021	09/30/2024	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

Childress, Amy	08/18/2021	09/30/2023	Tier 1, Professor and Director of Environmental Engineering, Sonny Astani Department of Civil and Environmental Engineering, University of Southern California, Los Angeles, CA	Special Government Employee (SGE) Member
Chiu, Weihsueh	08/18/2021	09/30/2024	Tier 1, 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
Cullen, Alison	08/18/2021	09/30/2023	Tier 1, Daniel J. Evans Endowed Professor of Environmental Policy, Evans School of Public Policy and Governance, University of Washington, Seattle, WA	Special Government Employee (SGE) Member
Emanuel, Ryan	08/18/2021	09/30/2024	Tier 1, Professor and University Faculty Scholar, Department of Forestry and Environmental Resources, North Carolina State University, Raleigh, NC	Special Government Employee (SGE) Member

Fordham, Earl	08/18/2021	09/30/2023	Tier 1, Deputy Director, Office of Radiation Protection, Division of Environmental Public Health, Washington Department of Health, Richland, WA	Special Government Employee (SGE) Member
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	08/18/2021	09/30/2023	Tier 1, Chief Scientist, Environmental Defense Fund, Providence, RI	Special Government Employee (SGE) Member
Hendricks, Marccus	08/18/2021	09/30/2024	Tier 1, Assistant Professor, Urban Studies and Planning program, School of Architecture, Planning and Preservation, University of Maryland, College Park, MD	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	<p>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</p>	<p>Special Government Employee (SGE) Member</p>
Keiser, David	08/18/2021	09/30/2024	<p>Tier 1, Professor, Department of Resource Economics, University of Massachusetts Amherst, Amherst, MA</p>	<p>Special Government Employee (SGE) Member</p>
LeChevallier, Mark	08/18/2021	09/30/2023	<p>Tier 1, Principal, Dr. Water Consulting, LLC., Morrison, CO</p>	<p>Special Government Employee (SGE) Member</p>
Leung, Angela	08/18/2021	09/30/2024	<p>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</p>	<p>Special Government Employee (SGE) Member</p>

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, Assistant Professor, Department of Economics, Gatton College of Business and Economics, University of Kentucky, Lexington, KY	Special Government Employee (SGE) Member
Morris, John	08/18/2021	09/30/2023	Tier 1, Board of Trustees Distinguished Professor Emeritus, University of Connecticut, Ellington, CT	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	08/18/2021	09/30/2023	Tier 1, Professor of Public Affairs, Lyndon B. Johnson School of Public Affairs, The University of Texas, Austin, TX	Special Government Employee (SGE) Member

Omer, Austin	08/18/2021	09/30/2023	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
Pullen Fedinick, Kristi	08/18/2021	09/30/2024	Tier 1, Executive Director, Center for Earth, Energy, and Democracy, Minneapolis, MN	Special Government Employee (SGE) Member
Rodewald, Amanda	08/18/2021	09/30/2023	Tier 1, Garvin Professor of Ornithology and Senior Director for Avian Population Studies, Cornell Lab of Ornithology, Cornell University, Ithaca, NY	Special Government Employee (SGE) Member
Rosi, Emma	08/18/2021	09/30/2023	Tier 1, Senior Scientist, Cary Institute of Ecosystem Studies, Millbrook, NY	Special Government Employee (SGE) Member

Samet, Jonathan	08/18/2021 09/30/2023	Tier 1, Dean and Professor, Departments of Epidemiology and Special Environmental Government and Employee Occupational (SGE) Health, Office Member of the Dean, Colorado School of Public Health, Aurora, CO Tier 1, Professor, Department of Environmental and Occupational Health Special Sciences and Government Department of Employee Biostatistics, (SGE) Hans Rosling Member Center for Population Health, University of Washington, Seattle, WA Tier 1, Nicholas Distinguished Professor of Special Earth Science, Government Nicholas Employee School of the (SGE) Environment, Member Duke University, Durham, NC Tier 1, Assistant Professor, Department of Environmental Special Health and Government Engineering, Employee Bloomberg (SGE) School of Member Public Health, Johns Hopkins University, Baltimore, MD
Sheppard, Lianne	08/18/2021 09/30/2024	Department of Employee Biostatistics, (SGE) Hans Rosling Member Center for Population Health, University of Washington, Seattle, WA Tier 1, Nicholas Distinguished Professor of Special Earth Science, Government Nicholas Employee School of the (SGE) Environment, Member Duke University, Durham, NC Tier 1, Assistant Professor, Department of Environmental Special Health and Government Engineering, Employee Bloomberg (SGE) School of Member Public Health, Johns Hopkins University, Baltimore, MD
Shindell, Drew	08/18/2021 09/30/2024	Department of Employee Biostatistics, (SGE) Hans Rosling Member Center for Population Health, University of Washington, Seattle, WA Tier 1, Nicholas Distinguished Professor of Special Earth Science, Government Nicholas Employee School of the (SGE) Environment, Member Duke University, Durham, NC Tier 1, Assistant Professor, Department of Environmental Special Health and Government Engineering, Employee Bloomberg (SGE) School of Member Public Health, Johns Hopkins University, Baltimore, MD
Smith, Genee	08/18/2021 09/30/2024	Department of Employee Biostatistics, (SGE) Hans Rosling Member Center for Population Health, University of Washington, Seattle, WA Tier 1, Nicholas Distinguished Professor of Special Earth Science, Government Nicholas Employee School of the (SGE) Environment, Member Duke University, Durham, NC Tier 1, Assistant Professor, Department of Environmental Special Health and Government Engineering, Employee Bloomberg (SGE) School of Member Public Health, Johns Hopkins University, Baltimore, MD

Smith, Richard	08/18/2021	09/30/2023	<p>Tier 1, Mark L. Reed III Distinguished Professor of Statistics, Department of Statistics and Operations Research, University of North Carolina, Chapel Hill, NC</p> <p>Tier 1, Professor, Department of Population and Public Health Sciences, University of Southern California, Los Angeles, CA</p> <p>Tier 1, University of Iowa Distinguished Chair and Professor and Director of Human Toxicology Program, Department of Occupational & Environmental Health, College of Public Health, University of Iowa, Iowa City, IA</p>	<p>Special Government Employee (SGE) Member</p>
Stram, Daniel	08/18/2021	09/30/2023	<p>Tier 1, University of Iowa Distinguished Chair and Professor and Director of Human Toxicology Program, Department of Occupational & Environmental Health, College of Public Health, University of Iowa, Iowa City, IA</p>	<p>Special Government Employee (SGE) Member</p>
Thorne, Peter	08/18/2021	09/30/2023	<p>Tier 1, Senior Professor, Waste Management Institute, North Carolina A&T State University, Greensboro, NC</p>	<p>Special Government Employee (SGE) Member</p>
Uzochukwu, Godfrey	08/18/2021	09/30/2024	<p>Tier 1, Senior Professor, Waste Management Institute, North Carolina A&T State University, Greensboro, NC</p>	<p>Special Government Employee (SGE) Member</p>

Wang, Wei-Hsung	08/18/2021	09/30/2023	<p>Tier 1, Professor, Center for Energy Studies, Director, Radiation Safety Office, Louisiana State University, Baton rouge, LA</p>	<p>Special Government Employee (SGE) Member</p>
Weintraub, June	08/18/2021	09/30/2023	<p>Tier 1, Senior Epidemiologist and Manager of Water and Noise Regulatory Programs, San Francisco Department of Public Health, San Francisco, CA</p>	<p>Special Government Employee (SGE) Member</p>
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>
van der Mensbrugge, Dominique	08/18/2021	09/30/2024	<p>Tier 1, Research Professor and Director of the Center 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	Tier 1 and Tier 2, Assistant Professor of Plant and Environmental Science, Department of Biological and Physical Sciences, South Carolina State University, Orangeburg, SC	Special Government Employee (SGE) Member
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]	08/18/2021 09/30/2023	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

Morris, John [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Board of Trustees Distinguished Professor Emeritus, University of Connecticut, Ellington, CT	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
Pullen Fedinick, Kristi [Chemical Assessment Advisory Subcommittee]	08/18/2021	09/30/2024	Tier 1 and Tier 2, Executive Director, Center for Earth, Energy, and Democracy, Minneapolis, MN	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]	08/18/2021 09/29/2023	Tier 1 and Tier 2, Chief Scientist, Environmental Defense Fund, Providence, RI	Special Government Employee (SGE) Member
Hendricks, Marccus [Climate Science Committee Subcommittee]	08/18/2021 09/30/2024	Tier 1 and Tier 2, Assistant Professor, Urban Studies and Planning program, School of Architecture, Planning and Preservation, University of Maryland, College Park, MD	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
Childress, Amy [Drinking Water Subcommittee]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Professor and Director of Environmental Engineering, Sonny Astani Department of Civil and Environmental Engineering, University of Southern California, Los Angeles, CA	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]	08/18/2021	09/30/2023	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]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Senior Epidemiologist and Manager of Water and Noise Regulatory Programs, San Francisco Department of Public Health, San Francisco, 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]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Assistant 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]	08/18/2021 09/30/2023	Tier 1 and Tier 2, Professor of Public Affairs, Lyndon B. Johnson School of Public Affairs, The University of Texas, Austin, TX	Special Government Employee (SGE) Member
van der Mensbrugge, 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
Aelion, Marjorie [Environmental Justice Science Committee Subcommittee]	08/18/2021 09/30/2023	Tier 1 and Tier 2, Associate Vice Chancellor for Research and Engagement, Department of Environmental Health Sciences, University of Massachusetts Amherst, Amherst, MA	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]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Partner, Renaissance Code Development, LLC, Austin, TX Special Government Employee (SGE) Member
Fordham, Earl [Radiation Advisory Subcommittee]	08/18/2021	09/30/2023	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]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Professor, Department of Population and Public Health Sciences, University of Southern California, Los Angeles, CA Special Government Employee (SGE) Member
Wang, Wei-Hsung [Radiation Advisory Subcommittee]	08/18/2021	09/30/2023	Tier 1 and Tier 2, Professor, Center for Energy Studies, Director, Radiation Safety Office, Louisiana State University, Baton rouge, LA Special Government Employee (SGE) Member

Number of Committee Members Listed: 84

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 2022, 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 three meetings. Tier 2 committees held five meetings, and Tier 3 panels held four meetings. All of these meetings were held as videoconferences. The SAB produced nine advisory reports. A list of the reports finalized in FY 2022 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?

902

Number of Recommendations Comments

Each advisory report is considered a recommendation. The SAB produced 9 reports in FY 2022 and a total of The SAB produced a total of 905 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
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

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
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

Access Comments

N/A