

DEVELOPMENT OF A FEDERAL ENVIRONMENTAL JUSTICE SCIENCE, DATA, AND RESEARCH PLAN

OFFICE OF SCIENCE AND TECHNOLOGY POLICY
NATIONAL SCIENCE AND TECHNOLOGY COUNCIL (NSTC) -
SUBCOMMITTEE ON ENVIRONMENTAL JUSTICE

DOE Clean Fuels & Products Shot™ Summit

April 8, 2024



National Science and Technology Council Background

The NSTC was established by Executive Order on November 23, 1993. The NSTC is a cabinet-level council of advisers to the President on science and technology (S&T), established to achieve the following functions:

- To coordinate the S&T policy-making process;
- To ensure that S&T policy decisions and programs are consistent with the President's policy priorities;
- To integrate the President's S&T policy agenda across the Federal Government;
- To ensure that S&T are considered in developing and implementing Federal policies and programs; and to further international S&T cooperation.



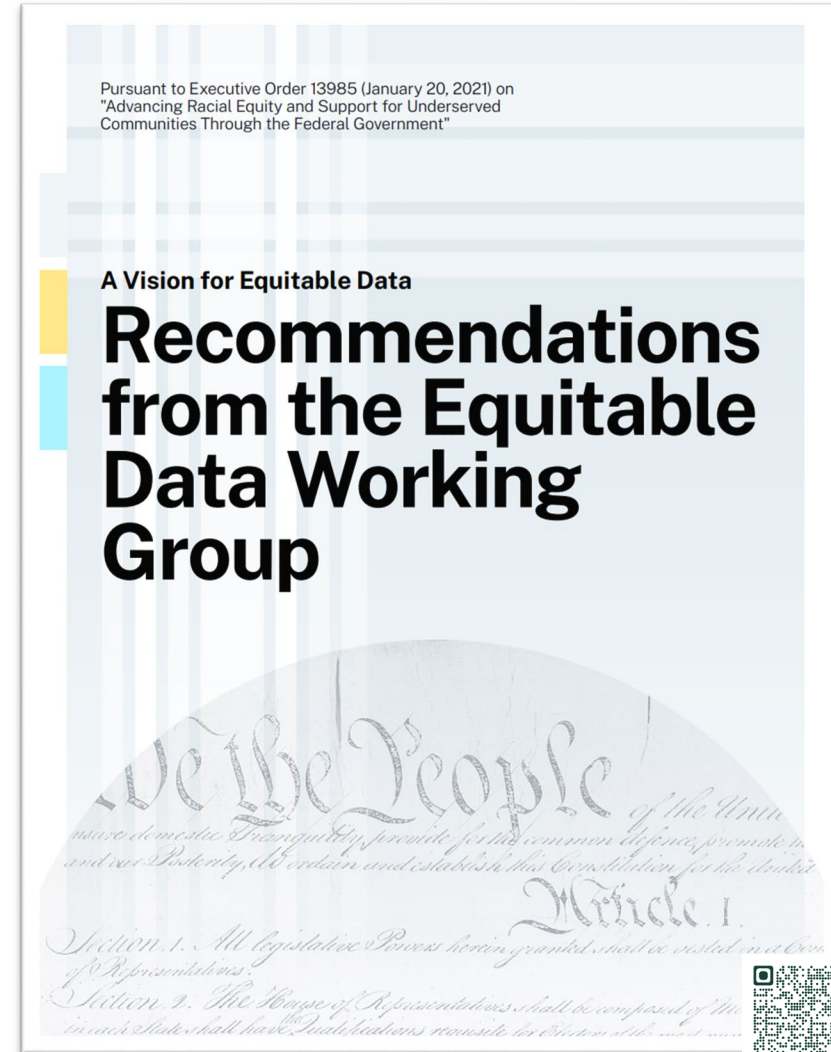
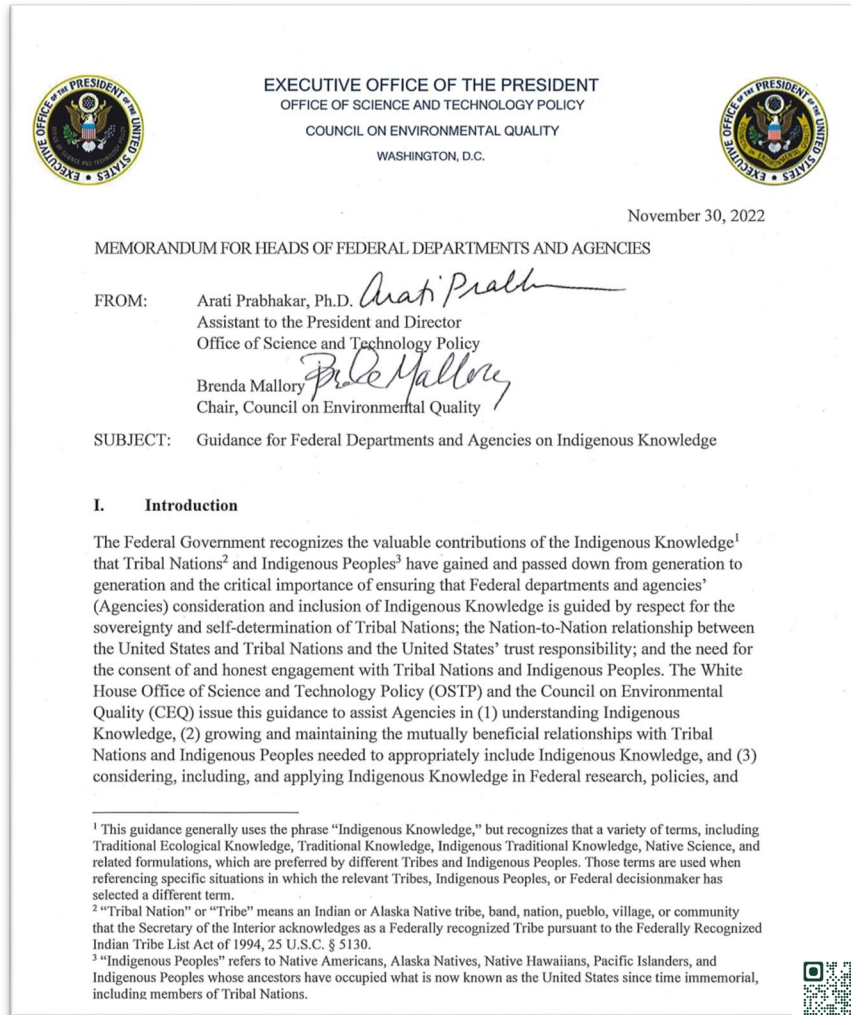
White House Office of Science and Technology Policy (OSTP)

OSTP's mission includes:

- Providing advice to the President and the Executive Office of the President on matters related to science and technology;
- Strengthening and advancing American science and technology;
- Working with federal departments and agencies and with Congress to create bold visions, unified strategies, clear plans, wise policies, and effective, equitable programs for science and technology;
- Engaging with external partners, including industry, academia, philanthropic organizations, and civil society; state, local, Tribal and territorial governments; and other nations; and,
- Ensuring equity, inclusion, and integrity in all aspects of science and technology.



Recent OSTP products on equitable knowledge and data



EO 14096. Revitalizing Our Nation's Commitment to Environmental Justice for All



25251

Federal Register

Presidential Documents

Vol. 88, No. 80

Wednesday, April 26, 2023

Scan here to see the full text of the Executive Order



Title 3—

Executive Order 14096 of April 21, 2023

The President

Revitalizing Our Nation’s Commitment to Environmental Justice for All

or go to

<https://www.govinfo.gov/content/pkg/FR-2023-04-26/pdf/2023-08955.pdf>

By the authority vested in me as President by the Constitution and the laws of the United States of America, and in order to advance environmental justice, it is hereby ordered as follows:

Section 1. Policy. To fulfill our Nation’s promises of justice, liberty, and equality, every person must have clean air to breathe; clean water to drink; safe and healthy foods to eat; and an environment that is healthy, sustainable, climate-resilient, and free from harmful pollution and chemical exposure. Restoring and protecting a healthy environment—wherever people live, play, work, learn, grow, and worship—is a matter of justice and a fundamental duty that the Federal Government must uphold on behalf of all people.



EO 14096. Revitalizing Our Nation's Commitment to Environmental Justice for All

Sec. 1 Policy

To fulfill our Nation's promises of justice, liberty, and equality, every person must have clean air to breathe; clean water to drink; safe and healthy foods to eat; and an environment that is healthy, sustainable, climate-resilient, and free from harmful pollution and chemical exposure.

Restoring and protecting a healthy environment—wherever people live, play, work, learn, grow, and worship—is a matter of justice and a fundamental duty that the Federal Government must uphold on behalf of all people.



Definition of Environmental Justice

Sec. 2 *Definitions*

(b) “Environmental justice” means the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability, in agency decision-making and other Federal activities that affect human health and the environment so that people:

(i) are fully protected from disproportionate and adverse human health and environmental effects (including risks) and hazards, including those related to climate change, the cumulative impacts of environmental and other burdens, and the legacy of racism or other structural or systemic barriers; and

(ii) have equitable access to a healthy, sustainable, and resilient environment in which to live, play, work, learn, grow, worship, and engage in cultural and subsistence practices.



Sec. 5. Research, data collection, and analysis to advance environmental justice.

To address the need for a coordinated federal strategy to identify and address gaps in science, data, and research related to environmental justice, the OSTP director shall establish an environmental justice subcommittee of the NSTC



The Role of the NSTC EJ Subcommittee

1. The EJ Subcommittee and the White House Environmental Justice Interagency Council shall hold an annual summit on the connection of science, data, and research with policy and action on environmental justice.
2. The EJ Subcommittee shall prepare, and update biennially, an Environmental Justice Science, Data, and Research Plan.



EJ Research Plan

A) **analyze any gaps and inadequacies in data collection and scientific research related to environmental justice**, with a focus on gaps and inadequacies that may affect agencies' ability to advance environmental justice, including through the Environmental Justice Strategic Plans required under section 4 of this order;

(B) identify opportunities for agencies to **coordinate with the research efforts** of State, Tribal, territorial, and local governments; academic institutions; communities; the private sector; the non-profit sector; and other relevant actors to accelerate the development of data, research, and techniques—**including consideration of Indigenous Knowledge**—to address gaps and inadequacies in data collection and scientific research that may affect agencies' ability to advance environmental justice;

(C) provide recommendations to agencies on the **development and use of science, data, and research to support environmental justice policy** and the agency responsibilities outlined in section 3 of this order;



EJ Research Plan

(D) provide recommendations to the Chair of CEQ on **data sources to include in the Climate and Economic Justice Screening Tool** established pursuant to section 222(a) of Executive Order 14008;

(E) provide recommendations to agencies on **ethical standards, privacy protections, and other requirements for the development and use of science, data, and research** addressed in the Research Plan, including recommendations with respect to **engaging in consultation with and obtaining consent of Tribal Nations**; and



EJ Research Plan

F) provide recommendations to agencies on:

(1) encouraging **participatory science**, such as research or data collection undertaken by communities or the public, and, as appropriate, **integrating such science into agency decision-making processes**;

(2) taking steps to ensure or encourage, as appropriate, that collections of data related to environmental justice include **data from the Territories and possessions of the United States**;

(3) improving **the public accessibility of research and information** produced or distributed by the Federal Government, including through the use of machine-readable formats, where appropriate;

(4) **disaggregating environmental risk, exposure, and health data** by race, national origin, income, socioeconomic status, age, sex, disability, and other readily accessible and appropriate categories;



EJ Research Plan

- F) provide recommendations to agencies on:
- (5) identifying and addressing **data collection challenges related to patterns of historical or ongoing racial discrimination and bias;**
 - (6) analyzing **cumulative impacts** (including risks) from multiple sources, pollutants or chemicals, and exposure pathways, and accounting for non-chemical stressors and current and anticipated climate change;
 - (7) in collaboration with Tribal Nations, as appropriate, collecting, maintaining, and analyzing **information on consumption patterns of fish, wildlife, and plants related to subsistence and cultural practices of Tribal and Indigenous populations;**
 - (8) providing opportunities for meaningful engagement for **communities with environmental justice concerns on the development and design of data collection and research strategies relevant to those communities;** and
 - (9) implementing sections 3–3 and 4–4 of Executive Order 12898 in an efficient and effective manner.



Planning Guide for Fulfilling EO 14096 Charge

- Meaningful Involvement, Engagement, and Information
- Ensure Just Treatment, Equitable Access, and Protection from Environmental Injustice
- Work and Partner with Non-Federal Entities
- Institutionalize Environmental Justice



Public Input via Request for Information

1. Development and Use of Science, Data, and Research To Support Environmental Justice Policy
2. Identifying and Addressing Data Gaps and Inadequacies in Data Collection and Scientific Research Related to Environmental Justice
3. Encouraging Participatory Science and Meaningful Engagement for Communities
4. Ethical Standards, Privacy Protections, and Other Requirements for the Development and Use of Science, Data, and Research
5. Research Coordination and Public Access to Federal Data
6. Data Analysis and Methodological Considerations



OSTP-CE-2023-0012



Public Input via Request for Information

Regulations.gov
Your Voice in Federal Decision Making

SUPPORT

Docket (OSTP-CE-2023-0012) / Document

NOTICE

Request for Information: Development of a Federal Environmental Justice Science, Data, and Research Plan

Posted by the Office of Science and Technology Policy on Oct 13, 2023

Comment Period Ends: 39 Days

Comment Share

Document Details

Document ID
OSTP-CE-2023-0012-0001

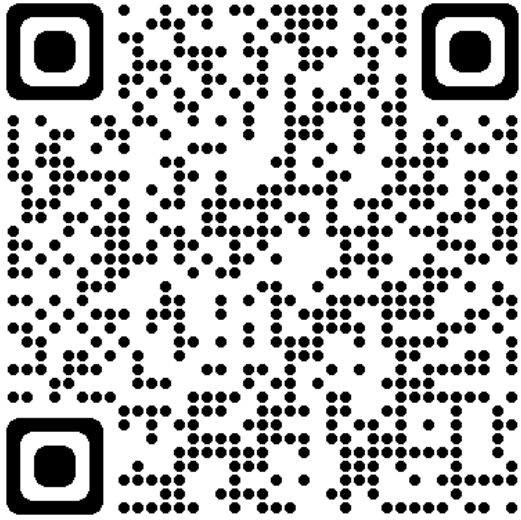
Comments Received
5
More Details

Document Details

Content

Action
Notice of request for information (RFI).

Summary
The Office of Science and Technology Policy (OSTP) seeks information to assist in developing a coordinated Federal strategy to identify and address gaps in science, data, and research related to environmental justice. Information received through this RFI will inform the biennial Environmental Justice Science, Data, and Research Plan.



OSTP-CE-2023-0012



Contact Info

For additional information, please direct questions to:

Dr. Kristi Pullen Fedinick

OSTP Assistant Director for Environmental Justice
Science & Technology

EJ@ostp.eop.gov

(202) 881–9335

