Interagency Working Group on Digital Data

Co-Chairs

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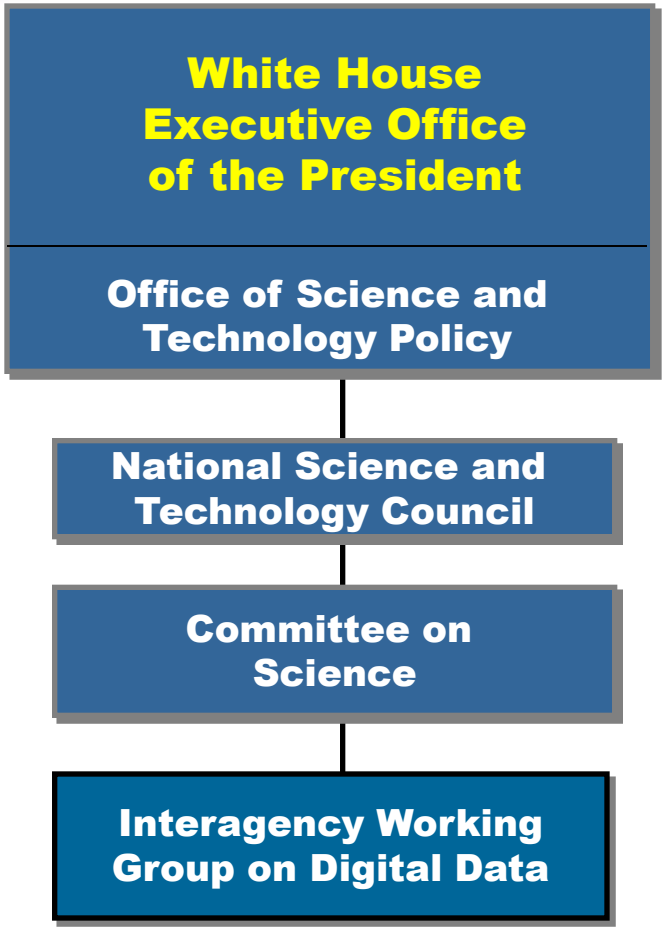
Interagency Working Group



Charter/Participating Agencies

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Education
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of the Interior
- Department of Labor
- Department of Justice
- Department of State
- Department of Transportation
- Department of the Treasury
- Department of Veterans Affairs
- Central Intelligence Agency
- Environmental Protection Agency
- Institute of Museum and Library Services
- Library of Congress
- National Aeronautics and Space Administration
- National Archives and Records Administration
- National Science Foundation
- The Smithsonian Institution
- US Army Corps of Engineers
- Council on Environmental Quality
- Domestic Policy Council
- Homeland Security Council
- National Economic Council
- National Security Council
- Office of Management and Budget
- Office of Science and Technology Policy

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Charge

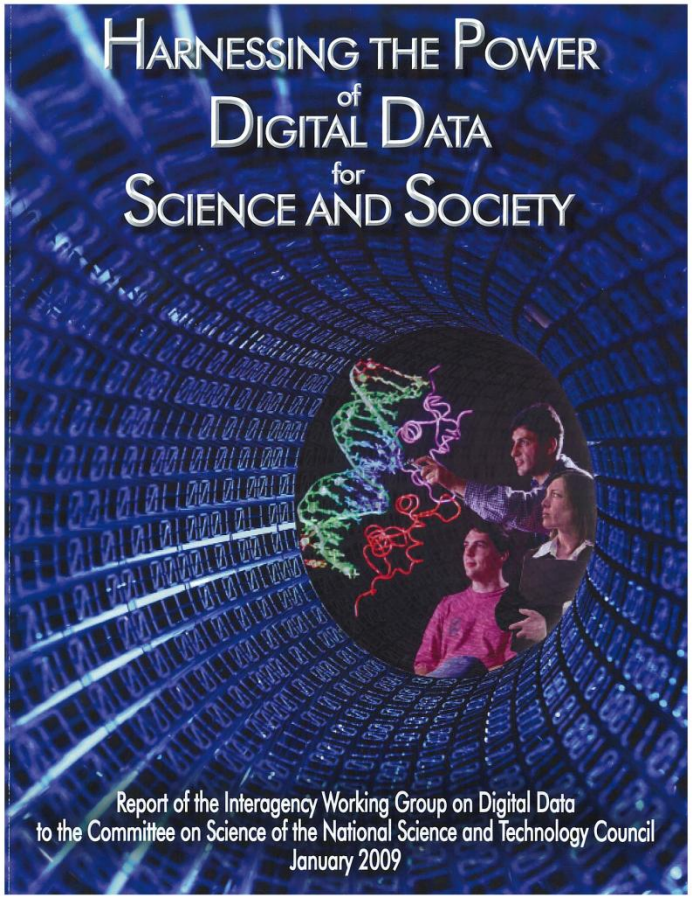
To develop and promote the implementation of a strategic plan for the Federal government to cultivate an open interoperable framework to ensure reliable preservation and effective access to digital data for research, development, and education in science, technology, and engineering.

Scope

Digital Scientific Data:

Any information that can be stored digitally and accessed electronically, with a focus specifically on scientific information used by the Federal government to address national needs or derived from research and development funded by the Federal government

Report



"The widespread availability of digital content creates opportunities for new forms of research and scholarship that are qualitatively different from traditional ways of using academic publications and research data. We call this 'cyberscholarship"

The Future of Scholarly Communication: Building the Infrastructure for Cyberinfrastructure
2007 NSF/JISC Workshop

Vision

A scientific digital data universe in which

data creation, collection, documentation, analysis, preservation, and dissemination

can be appropriately, reliably, and readily managed

thereby enhancing the return on our nation's research and development (R&D) investment

by ensuring that digital data realize their full potential as catalysts for progress in our global information society.

Strategy

Create a comprehensive framework of transparent, evolvable, and extensible policies and management and organizational structures that provide reliable, effective access to the full spectrum of public digital scientific data

Recommendations

We recommend that:

Appropriate departments and agencies lay the foundation for agency digital scientific data policy and make the policy publicly available

In laying appropriate policy foundations, agencies should consider all components of a comprehensive agency data policy, such as preservation and access guidelines; assignment of responsibilities; information about specialized data policies; provisions for cooperation, coordination and partnerships; and means for updates and revisions.

Agency Science Data Policy Elements

- **Scope**
- **Access and Usability**
- **Quality**
- **Appraisal and Disposition**
- **Responsibility**

Recommendations

We recommend that:

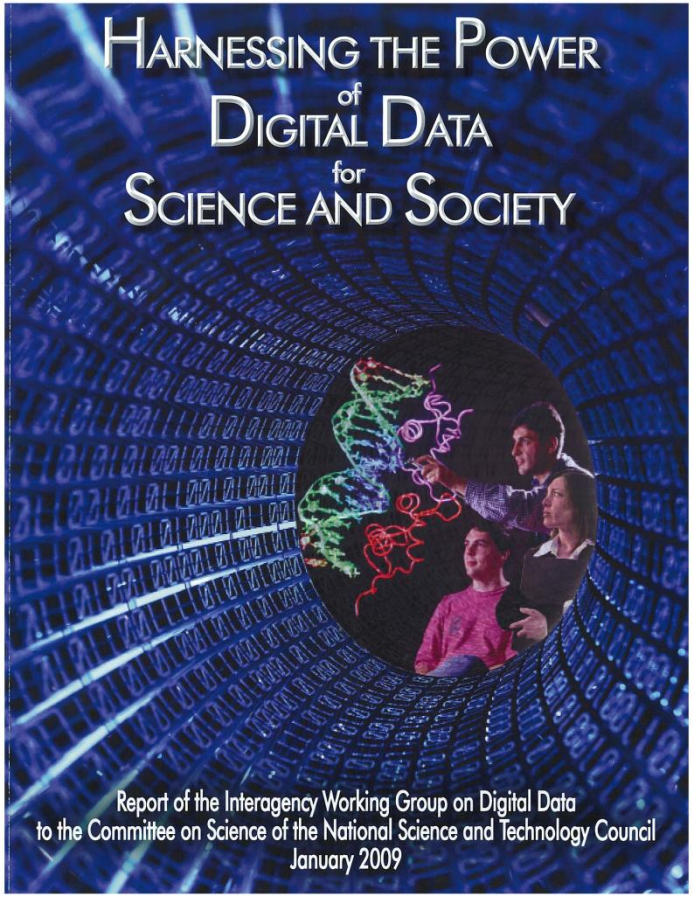
Agencies promote a data management planning process for projects that generate preservation data.

The components of data management plans should identify the types of data and their expected impact; specify relevant standards; and outline provisions for protection, access, and continuing preservation.

Science Data Management Plan Elements

- **Impact**
- **Content and Format**
- **Protection**
- **Access**
- **Preservation**
- **Transfer of Responsiblity**

www.nitrd.gov/pubs/index.aspx



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