

Collaboration

OSTI coordinates the Department-wide Scientific and Technical Information Program (STIP) for the corporate management of R&D information.

OSTI manages the Energy Technology Data Exchange Agreement (ETDE) and operates its database, *ETDEWEB*.

OSTI represents DOE and the U.S. in two multilateral international information exchange agreements (ETDE and INIS) involving 146 countries/organizations, resulting in more than 100,000 foreign research summaries acquired annually.

OSTI partners with other federal agencies to provide broad access and expand use of federally funded research results.

OSTI plays a key role in the Science.gov Alliance and the WorldWideScience Alliance to maximize access to national and international science.

OSTI collaborates with private sector technology leaders to deploy the most recent advances in web-based knowledge diffusion.

Innovation

OSTI works to advance science by ensuring ready access to scientific and technical information through innovative applications, tools and capabilities:

- Deep web federated search, the capability to uncover and explore content of scientific databases regardless of platform, form or format
- Full-text search & retrieval of research results
- Relevancy ranking of government science search results
- Alert services through automated email notices of new resources
- Application of emerging technologies and customized tools to assist others in managing information resources
- Web access to a broad array of scientific and technical information including reports, conference papers, software, eprints, patents, etc.
- Initiatives to accelerate the diffusion of knowledge in order to advance science



*OSTI is within the Department of Energy
Office of Science*

Office of Scientific and Technical Information
1 Science.gov Way
Oak Ridge, TN 37830
865-576-1188
www.osti.gov

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Accelerating the Advancement of Science

"Science leads to better lives for people and underpins both a strong economy for our Nation and enhanced national security. What if we could speed the pace of science so that tomorrow's solutions arrive sooner? We would thus raise our standard of living, improve our quality of life, and increase the security of our Nation. These grand outcomes can be achieved by committing to openly sharing scientific research data and spreading the world's great scientific discoveries faster."

–Walter L. Warnick, Director

Mission

The mission of the Office of Scientific and Technical Information (OSTI) is to advance science and sustain technological creativity by making research and development (R&D) findings available and useful to U.S. Department of Energy (DOE) researchers and the public.

To accomplish its mission, OSTI provides an array of web tools and capabilities designed to deliver science to desktops everywhere.

OSTI Manages:

- Stewardship for DOE's legacy R&D results, with a repository of over 1.2 million full-text reports of research performed or sponsored by DOE, dating from the Manhattan Project
- Searchable access to over 280,000 DOE full-text reports, freely available online to DOE researchers and the public
- Over 5.5 million citations of documented DOE and international research results, publicly available online
- Scientific software, through the Energy Science and Technology Software Center
- Secure exchange and preservation of DOE's classified and unclassified controlled R&D

