

# Office of Scientific and Technical Information (OSTI)

Budget line item title: Technical Information Management Program (TIMP)

March 2002

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## I. TIMP/OSTI FY 2003 Objectives

### A. Making DOE's Science Program Used, Visible, and Praised

The goal of the Office of Scientific and Technical Information (OSTI) is to ensure that DOE science information is visible, used, and praised. DOE's Office of Science has accomplished remarkable advances, yet there is little public understanding of the benefits nor appreciation for the significant contributions that the Office of Science makes to the American public.

Advancing a key component of the DOE science mission, OSTI collects the research results, maintains the information, and makes that information available to the broader scientific community to contribute to the advancement of science. OSTI projects and initiatives this year will deliver the scientific knowledge emanating from DOE via cost-effective e-government information retrieval systems. These initiatives will help make science information more visible, used, and praised:

- **science.gov** - Hosted by OSTI, this new interagency gateway to the science information of several Federal agencies is the officially-recognized site for science through FirstGov. An official science.gov launch is tentatively planned to coincide with the Office of Science and Technology Policy celebration of Global Science and Technology Week in May. See <http://www.science.gov>
- **DOE National Library** - OSTI, working in close collaboration with the CIO's manager of the DOE energy.gov home page, is laying out a plan to fully utilize that site's National Library button so the public can better understand and utilize areas of science covered by DOE. See <http://www.energy.gov>
- **R&D Accomplishments** - Developed and maintained by OSTI, the outcomes of past research whose benefits now are being realized are highlighted on this site. This is a comprehensive description of past DOE research and development projects and programs that have had significant economic impact, have improved people's lives, or have been widely recognized as a remarkable advance in science. See <http://www.osti.gov/accomplishments>
- **R&D Project Summaries** - Developed by OSTI as a means to educate and inform the general public of DOE's R&D activities, it assures taxpayers that their investment in R&D is being accounted for. This site describes approximately 22,000 research and development projects underway at the Department of Energy. See <http://www.osti.gov/rmd>
- **Harvesting Technology** - Now under development, harvesting technology is the latest in a continuing program of streamlining and improving information processing to further minimize reporting burdens on DOE laboratories and other DOE elements while ensuring that scientific and technical findings become available as quickly as possible.

## **I. TIMP/OSTI FY 2003 Objectives**

### **B. Coordinate Scientific and Technical Information (STI) Infrastructure**

OSTI coordinates a complex-wide program to ensure effectiveness and efficiency of the STI activities at Operations and Program Offices, the national laboratories, and other contractor facilities, including:

- Provides direction and encourages collaboration via a network of over 50 designated points of contact across the Department.
- Promulgates STI policies and practices via the DOE Order 241.1A, “Scientific and Technical Information Management,” and Guide 241.1-1A.
- Implements accountability through performance measures and assessment of National Labs’ STI programs and deliverables.
- Fosters innovation and improvement by setting strategic goals for the program.



## I. TAMP/OSTI FY 2003 Objectives

### C. Legislative Mandates

Organic legislation for DOE and predecessor agencies has consistently recognized the importance of sharing findings through the dissemination of information.

- **Atomic Energy Act of 1946** (P.L. 79-585) - A program for the free dissemination of basic scientific information and for maximum liberality in dissemination of related technical information.
- **Energy Reorganization Act of 1974** (P.L. 93-438) - Provided for developing, collecting, distributing, and making scientific and technical information available for distribution.
- **Department of Energy Organization Act of 1977** (P.L. 95-91) - "... Secretary shall...establish...and maintain a central source of information on all energy resources and technology..." for "... disseminating information resulting from [research and development] programs..."

## II. OSTI's Mission and Goals

### **A. Deliver the scientific knowledge generated by or relevant to DOE's R&D program via searchable e-government information retrieval systems to government, university, and industry users.**

- DOE Information Bridge – 65,000 full-text technical reports produced by DOE since 1995, totaling 5 million pages; project 5,000 new full text reports to be added in FY 2002.
- PubSCIENCE – 2,000,000 journal citations from 47 publishers in 1,000 scientific journal titles covering articles produced by and related to the DOE R&D program.
- PrePRINT Network – 500,000 full-text preprints and searchable access of 8,000 preprint sites covering preprints produced by and related to the DOE R&D program. The Network integrates 8,000 isolated islands of information into a single searchable whole.
- Energy Citations Database – 2,000,000 publicly-available bibliographic citations to report literature, conference papers, journal articles, books, dissertations, and patents covering 1948 to present (4 million citations available to DOE).

## **II. OSTI's Mission and Goals**

### **B. Provide stewardship for the Department's legacy of classified and unclassified scientific and technical information.**

- OSTI has had responsibility for maintaining repository of DOE's and predecessor agencies' scientific findings for 55 years.
- With this long history, OSTI has collected a huge store of valuable information.
- Collection includes 1.4 million unclassified technical reports in either paper or microfiche.
- Collection includes works of scientific notables, including Nobel Laureates Enrico Fermi, Glenn Seaborg, Aage Bohr, Eugene Wigner, and Luis Alvarez.
- 65,000 full-text reports (1995-present) are available electronically through the DOE Information Bridge.
- OSTI also preserves and protects 100,000 classified or sensitive reports emanating from DOE's weapons program.
- OSTI's facility meets environmental standards for preserving historic records, including independent temperature and humidity control.
- The Energy Citations Database contains 4 million records of both published and gray literature dating back to 1948.



## **II. OSTI's Mission and Goals**

### **C. Interagency/International Relations**

- Government Printing Office (GPO). The public version of the Information Bridge is available through a partnership between OSTI and the GPO and is hailed as a “model” for other interagency collaborations by the Chairman of the Joint Committee on Printing.
- science.gov. Hosted by OSTI, this new interagency gateway to the science information of several Federal agencies is the recognized FirstGov for Science web site. An official science.gov launch is tentatively planned to coincide with the Office of Science and Technology Policy celebration of Global Science and Technology Week.
- Two International Exchanges: OSTI acquires foreign research results through two international information exchanges: the International Energy Agency's Energy Technology Data Exchange (ETDE) and the International Atomic Energy Agency's International Nuclear Information System (INIS). Annually, OSTI acquires approximately 80,000 new international research records on behalf of the domestic science community. Through ETDE, approximately 60,000 foreign research records are acquired annually for use by the domestic science community. Through INIS, approximately 20,000 foreign non-defense nuclear-related research records are acquired per year.

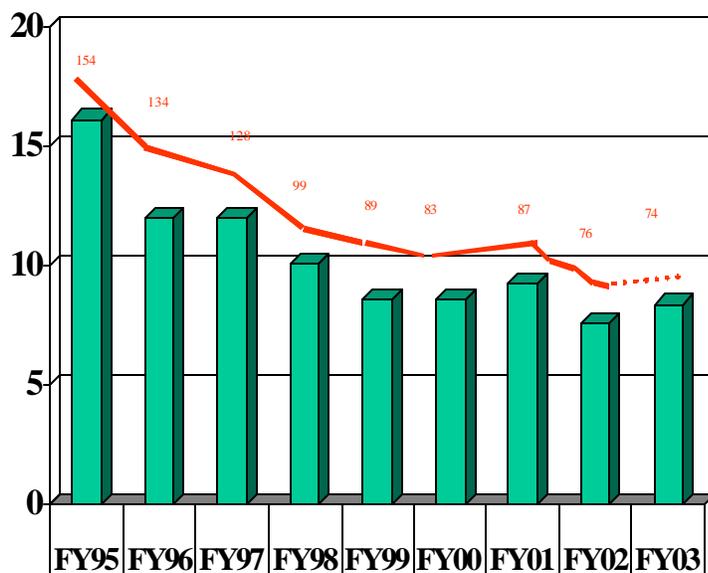
## II. OSTI's Mission and Goals

### D. Benefits and the Why

OSTI serves as a steward of the Department's scientific and technical information emanating from the myriad DOE research activities and assures that it is effectively managed in order to:

- **Promote Accountability for R&D Expenditures:** To ensure U.S. taxpayers' investment in research is accounted for, OSTI tracks 10,000 current research projects per year funded by DOE and receives over 18,000 research deliverables per year in the form of R&D reports and articles.
- **Enable Citizen Access:** Using innovative information technologies, OSTI ensures access by the scientific community and the science-attentive public to the scientific and technical information resulting from DOE research activities. OSTI has developed three classes of information tools for (1) journal literature, offering access to millions of scientific articles; (2) preprints, with over 500,000 documents located at over 8,000 dispersed sites; and (3) DOE's technical reports, with over 65,000 full-text reports available electronically. With these tools, approximately 6 million transactions by various users were accommodated in FY 2001, an over 50 percent increase over the previous year.
- **Promote National Security Interests:** While OSTI ensures that information resulting from DOE's R&D activities is readily accessible to all appropriate users per legislative mandates, OSTI operates a classified information program to protect information in accordance with classification and other sensitive information guidance. OSTI employs cybersecurity measures and has a secure repository. OSTI participates as an integral component of the nuclear weapons information group.

Dollars in Millions



■ Appropriated Dollars	16.1	12	12	10.1	8.6	8.6	9.3	7.6	8.4
— Federal Employees	154	134	128	99	89	83	87	76	74

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In real dollars, funding has declined by about two-thirds since 1995. A pattern has emerged. Each year, the Executive Branch requests a small increase over the previous year, and the Legislative Branch cuts that request.

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**IV. Major Accomplishments**

OSTI has throughout its existence demonstrated “first in class” capabilities across the full range of information collection, processing, and dissemination technologies and concepts. These truly ground breaking efforts have resulted in recognition in numerous forms. A time line of milestones and awards OSTI has achieved and received is presented below:

**Milestones**

<i>November 2001</i>	Electronic Reporting Goal Completed	<i>August 9, 1999</i>	EnergyPortal Search Additional Search Capability and Resources
<i>September 2001</i>	Energy Citations Database Available	<i>July 12, 1999</i>	PubSCIENCE Beta Testing Begins
<i>May 2001</i>	Subject Portals Available	<i>April 21, 1999</i>	EnergyFiles EnergyPortal Search Available
<i>April 2001</i>	Science Information Workshop	<i>March 28, 1999</i>	R&D Accomplishments Available to Public

<i>November 2000</i>	PrePRINT Alerts Available	<i>October 1998</i>	Electronic Report Submission Capability via E-Link
<i>August 2000</i>	GrayLIT Network Available	<i>April 1998</i>	Information Bridge Available to Public
<i>August 2000</i>	Federal R&D Project Summaries Available	<i>September 1997</i>	STIP Strategic Plan
<i>May 2000</i>	Physical Sciences Workshop	<i>September 1997</i>	Information Bridge Available to DOE
<i>January 31, 2000</i>	PrePRINT Network Available	<i>June 1997</i>	R&D Project Summaries
<i>October 1, 1999</i>	PubSCIENCE Available to Public	<i>May 1997</i>	EnergyFiles Unveiled at InForum '97

- November 2001 - Electronic Reporting Goal Completed

With leadership and coordination provided by TIMP, DOE completed the goal to transition to electronic scientific/technical reporting. This goal, first envisioned in TIMP's 1997 Strategic Plan, was originally scheduled to take seven years but was completed three years ahead of schedule. Electronic reporting allows the deliverables coming from DOE research and development projects, whether performed by Labs, grantees, or contractors, to be made permanently available to other researchers and the public in searchable electronic formats. Such electronic reporting is causing the use of DOE-generated reports to increase by 74

#### *IV-1*

percent during the last year. As shared knowledge enables scientific progress, completing this goal helps to promote scientific progress.

- September 2001 - Energy Citations Database - DOE and Public Versions Available

Created by TIMP, the Energy Citations Database provides bibliographic records for energy and energy-related scientific and technical information from the Department of Energy (DOE) and its predecessor agencies: the Energy Research and Development Administration (ERDA) and the Atomic Energy Commission (AEC). Energy Citations Database provides researchers and the public access to 2 million citations from 1948 forward. It has been awarded a Commendation by the advisory committee serving the U. S. Superintendent of Documents and the Government Printing Office.

- May 2001 - Subject Portals - Available

Subject-specific Web sites providing full-text DOE scientific and technical reports, journal literature, and other information contained in databases pertaining to photovoltaics, geothermal energy, hydrogen energy, superconductivity, heavy vehicle technologies, wind energy, biopower,

environmental management, biofuels, and solar power. Each portal is customized to meet the needs of the sponsoring organization.

- April 2001 - Science Information Workshop

Federal agencies, academic experts, and other information professionals gathered at the National Institute of Standards and Technology (NIST) to explore ways to improve public access to science information of the Federal agencies. Participants endorsed the concept for an interagency gateway to science information that would serve the science-attentive citizen. Agency representatives formed the “Science.gov Alliance” to work on this initiative. The Workshop was sponsored by the Department of Energy (DOE) and organized by the CENDI Information Managers Group, the University of Maryland Center for Information Policy, the DOE, the NIST, and the National Science Foundation.

- November 2000 - PrePRINT Alerts - Available

The PrePRINT Network is a unique tool that makes electronic preprints searchable. The preprints deal with scientific and technical disciplines of concern to DOE and reside on servers at universities and laboratories across the U.S. Available on the Network is an innovative Alerts service that provides users and the public an automatic way of receiving the most current preprints from 28 of the largest preprint servers. Individuals simply set up a personalized profile, and the newest preprint information is delivered to their desktops via email on a weekly basis. With PrePRINT Alerts, users no longer need to repeat searches of the entire preprint collection to find new additions.

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- August 2000 - GrayLIT Network - Available

The GrayLIT Network provides a portal for full-text technical reports located at the Department of Energy (DOE), Department of Defense (DOD), Environmental Protection Agency (EPA), and National Aeronautics and Space Administration (NASA). With a single distributed query, users can search the DOE Information Bridge; the Defense Technical Information Center (DTIC) Report Collection; the EPA National Environmental Publications Internet Site (NEPIS); the NASA Jet Propulsion Lab Reports; and the NASA Langley Technical Reports, all with full text online.

- August 2000 - Federal Research and Development (R&D) Project Summaries - Available

Federal R&D Project Summaries includes research descriptions, summaries and awards by three of the major sponsors of research in the Federal government. With a single distributed query, users can search these databases: Department of Energy R&D Project Summaries; the National Institutes of Health (NIH) CRISP (Computer Retrieval of Information on Scientific Projects)

Current Awards; and the National Science Foundation (NSF) Award Data.

- May 2000 - Physical Sciences Workshop

A distinguished panel of experts in science, science policy, information science, and scientific publishing was convened at the National Academy of Sciences to consider issues related to communication, dissemination, and use of information in the physical sciences and to make recommendations for increasing the productivity of the scientific enterprise in the United States. A group of nine panelists enthusiastically endorsed a vision of a comprehensive information infrastructure for the physical sciences that benefits both the scientific community and the national good. The Panel agreed that this is an essential step in integrating "the whole of science to provide a basis to improve society, the economy, and the environment."

- January 31, 2000 - PrePRINT Network - Available

The PrePRINT Network is a searchable gateway that provides access to preprint servers from around the world covering such disciplines as physics, mathematics, chemistry, and other topics of interest to the Department. At its time of release, links to over 250 sites housing over 215,000 documents were available. Researchers are able to browse or search specific sites or search a selected set of sites.

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- October 1, 1999 - PubSCIENCE - Available to the Public

This Web site enables users to identify journal articles of interest, view bibliographic citations, and hyperlink to full-text via site license, an electronic subscription, or pay-per-view for a link to the publisher.

- August 9, 1999 - EnergyPortal Search - Additional Search Capability and Resources

To expand upon the recent distributed full text search capability, a new version of EnergyPortal Search which, through one user interface, incorporates more diverse information resources has been posted. Several subject specific databases have also been added. The heterogeneous material and the different search engines used at each site provide diverse results across many databases.

- July 12, 1999 - PubSCIENCE - Beta Testing Begins

OSTI began beta testing PubSCIENCE on July 12, 1999. PubSCIENCE is jointly sponsored by the Department of Energy's Office of Scientific and Technical Information (OSTI) and the Government Printing Office (GPO). PubSCIENCE is a World Wide Web application that provides access to peer reviewed scientific and technical journal literature in disciplines of interest to the Department of Energy (DOE). In collaboration with peer reviewed journal publishers, PubSCIENCE enables users to search across bibliographic citations from multiple journal sources, to identify information of interest, and, based upon negotiated agreements with individual publishers, to access and view full text journal articles.

- April 21, 1999 - EnergyPortal Search Available from EnergyFiles

EnergyPortal: The Distributed Search Tool of the EnergyFiles Virtual Library of Energy Science and Technology enables searching across heterogeneous databases and Web sites. EnergyPortal provides single-query searching of entire OSTI databases as well as those of other federal agencies, and combines information residing at different locations into an integrated data set. The EnergyPortal Web Site Search allows for searching across Web sites linked to EnergyFiles.

- March 28, 1999 - DOE Research and Development (R&D) Accomplishments Database Available to the Public

The DOE Research and Development (R&D) Accomplishments Database is a fully searchable full-text database that became available to the public in March 1999. It provides a central forum for information about the outcome of past DOE R&D that has had significant economic impact, improved people's lives, or been widely recognized as a

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remarkable advance in science. This database improves the visibility of DOE accomplishments by broadening and integrating access to these important advances. Accomplishments are submitted by the DOE Scientific and Technical Information Program (STIP) community, including DOE Headquarters.

- October 1998 - Electronic Report Submission Capability via E-Link

The DOE STI processing system at OSTI, called "DOE Energy Link" or "E-Link," became available for the STIP community to electronically announce new STI. E-Link allows DOE sites to enter data for the DOE announcement record (DOE F 241.1) via an on-line web-based form or uploading tagged data, with the option to upload the associated full-text STI product. E-Link also provides on-line review of the site's record status and statistical information about a site's submissions. To access E-Link, a user must first acquire a password and site code.

- April 21, 1998 - DOE Information Bridge Made Available to Public

The DOE Information Bridge - Public Version includes searchable full-text and bibliographic records of DOE-sponsored research report literature collected and made available for public access from 1996 forward. Currently, there are over 65,000 full-text reports available from this system.

- September 1997 - Scientific and Technical Information Program (STIP) Strategic Plan Issued

The Scientific and Technical Information Program establishes goals and objectives for the Department's STI and provides the framework for a complex-wide collaboration, leading the Department in the Information Age. Coordinated by the Office of Scientific and Technical Information, STIP is executed through strategic goals and objectives established jointly by the Department's Program Managers and Field Elements and implemented in partnership with the contractors who manage DOE facilities.

- September 1997 - DOE Information Bridge - DOE/DOE Contractor Version Made Available

The DOE Information Bridge - DOE/DOE Contractor Version Web site includes full-text and bibliographic records of all report literature available from the public site. In addition, includes bibliographic records of energy-related scientific and technical information obtained through international exchange agreements, from other government agencies, and from other energy-related sources received by OSTI since January 1996.

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- June 1, 1997 - R&D Project Summaries Available

R&D Project Summaries provides access to R&D projects currently ongoing within the DOE. Projects pertaining to Departmental activities in Energy Research, Fossil Energy, Environmental Management, and Energy Efficiency and Renewable Energy are just some of the R&D disciplines found in the database.

- May 1997 - EnergyFiles: Virtual Library of Energy Science and Technology Unveiled

EnergyFiles: Virtual Library of Energy Science and Technology is an OSTI-developed web-based virtual library that assimilates independent databases and Web sites into an energy information environment available to researchers and the general public from a single source. EnergyFiles was unveiled at the InForum '97 meeting.

## V. How OSTI Measures Success

- **Customers.** Prior to April 1998 (and the introduction of the Internet-based DOE Information Bridge), OSTI's primary customers were librarians. Now, primary customers are researchers in DOE, academia, industry, and the public, in addition to librarians. FY2001 data show approximately 5.9 million user transactions were supported, an increase of 73 percent over the previous year. Users of OSTI's major products fall in the following user domain categories: .mil (28 percent); .com (20 percent); international (18 percent); edu (14 percent); .gov (11 percent); and .net (9 percent).
- **Benchmarking.** OSTI benchmarks its services against those provided by information organization counterparts in other Federal Agencies. Detailed charts follow that compare resources and services by agency. Organizations comparable to OSTI in regard to mission and services include:
  - < National Library of Medicine (NLM)
  - < National Agriculture Library (NAL)

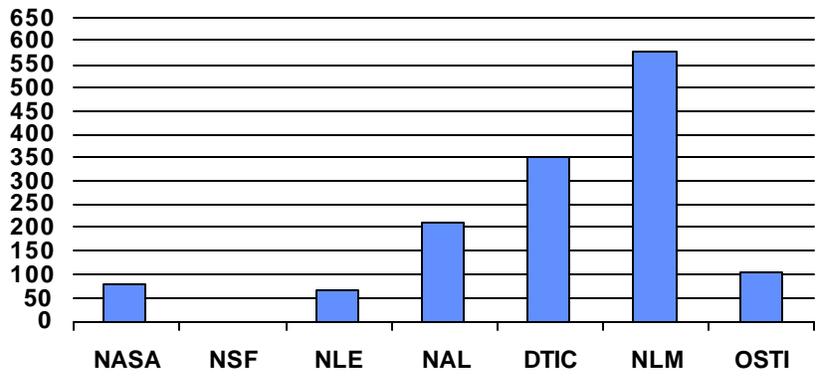
- < National Library of Education (NLE)
- < Defense Technical Information Service (DTIC)
- < National Aeronautics and Space Administration (NASA)
- < National Science Foundation (NSF) NSDL
- **Repeat Customers and Increased Usage Trends:**
  - < OSTI counts page uses as user transactions to measure the success of its products. In 1995, as the transition to electronic dissemination got underway, OSTI accommodated approximately 300,000 customer transactions for STI. In 2001, with a suite of more than 60 electronic information tools and services operating in an electronic environment, OSTI accommodated almost 6 million customer transactions for STI. While the usage of OSTI's suite of products has increased exponentially over the past six years, the usage has not yet reached its full potential.
  - < OSTI tools save researchers time. It is conservatively estimated that, by taking advantage of OSTI's suite of electronic products, researchers can save at least \$4,000 a year in time spent searching for information. Considering there are 30,000 scientists and engineers in DOE alone, and projections indicate there will be 4.4 million science and technology jobs in the U.S. by 2006, it is easy to see the value of OSTI's products and services to the scientific and technical community.
  - < More specifically, users of full-text reports previously had to locate and read them on microfiche at regional libraries or purchase them from re-distributors for \$50-100 per copy. In FY2001 through the DOE Information Bridge, users downloaded over 150,000 full-text reports for free, representing a potential savings over purchase of \$7.5M-\$15M for this year alone.
- **Annual Support to the Secretary's Performance Agreement with the President:**
  - < Expand the collection. In FY2001, expanded the collection by 25 percent over FY 2000 of peer-reviewed scientific journal literature, preprints, and reports to DOE and the public through collaborations with publishers, data compilers, exchange partners, and R&D programs using Web-based mechanisms.

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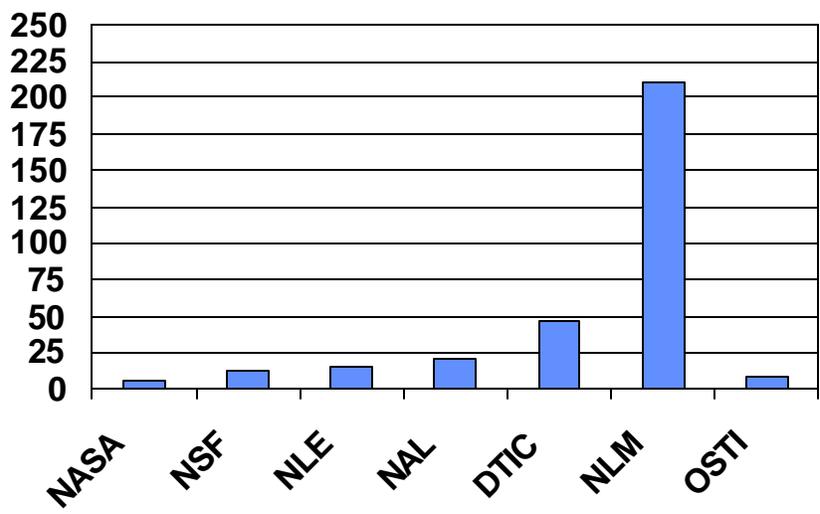
- < Expand the usage. In FY2001, increased visibility and use of energy-related STI by government, academia, industry, and the public through electronic Web-based products that promote scientific advancement resulting in 73 percent more customer usage over FY 2000.

***Federal Agency Information Organizations Comparisons***

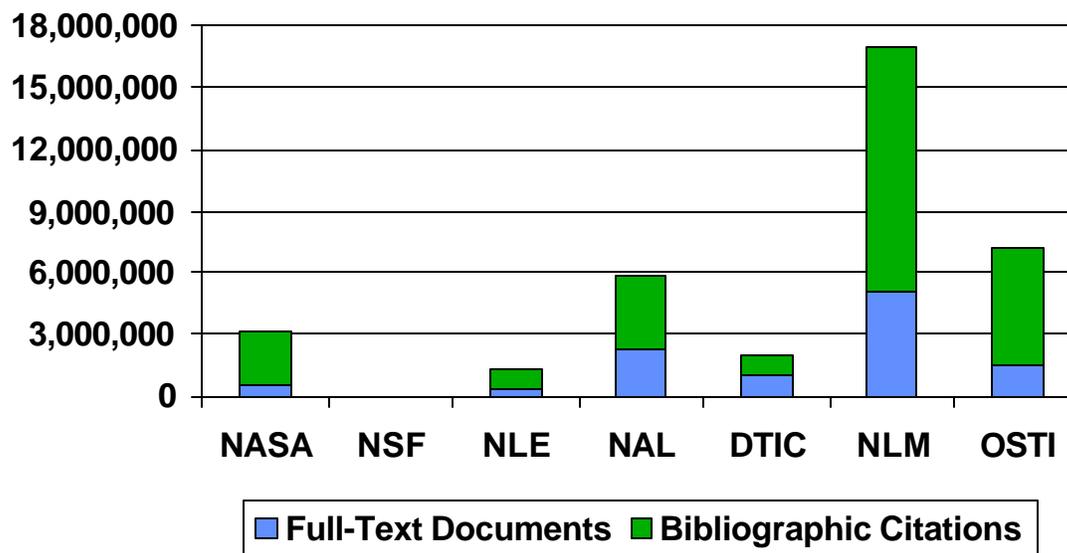
*Staff (hundreds)*



*Information  
Budget  
(millions)*



*Information Collection*



## VI. Evaluations of OSTI

### FY 2001 Evaluations of the OSTI/TIM Program

- DOE-wide review of DOE O 241.1A, “Scientific and Technical Information Management,” directive under which OSTI promulgates STI responsibilities and requirements. (April 2001; <http://www.directives.doe.gov/pdfs/doe/doetext/neword/241/o2411a.html> )
- DOE General Counsel review of legislative mandates for OSTI mission. (February- March 2001)
- Interagency review of OSTI’s programmatic vision and progress. (April 2001; <http://www.science.gov/workshop/> )
- Cyber security audit by the Office of Independent Oversight and Performance Assurance (OA). (May- July 2001)
- Review of OSTI’s information technology management by the Interagency Resource Management Conference (IRMCO) and Federal CIO Council. (September 2001)
- Review of OSTI’s information technology leadership by the DOE CIO Council. (March 2001)
- Evaluation and ranking by White House Millennium Council of OSTI’s web-based journal product as one of the Energy100 Award recipients. (January 2001; <http://www.ma.doe.gov/energy100/school/> )
- IG Audit Report on “Peer-Reviewed Scientific Literature Generated at the Department’s Light Sources” (Report DOE/IG-0520). (August 2001; <http://www.ig.doe.gov/pdf/ig-0520.pdf> )
- NCLIS Comprehensive Assessment of Public Information Dissemination (included some analysis of DOE information dissemination). (January 26, 2001. <http://www.nclis.gov/govt/assess/assess.html> )

### FY 2000 Evaluations of the OSTI/TIM Program

- Scientific community review of concept for a physical sciences information infrastructure. (May 2000; <http://www.osti.gov/physicalsciences/> )
- IG Inspection Report on “Inspection of Cost Recovery Concerns at the Office of Scientific and Technical Information” (Report DOE/IG-0477). (July 2000; <http://www.ig.doe.gov/pdf/ig-0477.pdf> )
- GPO Depository Library Council assessment of OSTI’s scientific journal literature information product, PubSCIENCE. (January 2000)
- Indoor Air Quality Survey by PriSM Corporation.(November 1999)

**FY 1999 Evaluations of the OSTI/TIM Program**

- Assessment of concept for a National Library of Science and Technology by an information management company. (October 1998)
- National Partnership for Reinventing Government assessment of OSTI's electronic transition program. (July 1999)
- National Partnership for Reinventing Government assessment of OSTI's R&D project summaries product. (May 1999)
- National Partnership for Reinventing Government assessment of OSTI's virtual library of energy science and technology. (May 1999)
- National Partnership for Reinventing Government assessment of OSTI's technical report product, DOE Information Bridge. (February 1999)
- Safeguards and Security Survey by ORO Safeguards and Security Division. (March 1999)

## VII. Awards

Another indication of OSTI's "first in class" capabilities is the number of awards and recognitions received as listed below:

<i>September 2001</i>	Government-wide IRMCO Award	<i>October 1998</i>	OSTI products appear in Inaugural Issue of Access America Online
<i>March 2001</i>	DOE-wide IT Executive Leadership Award	<i>September 1998</i>	DOE Information Management Quality Award for Technical Excellence
<i>January 2001</i>	Energy 100 Award for PubSCIENCE	<i>April 1998</i>	Commendation from the Depository Library Council  Yahoo Pick of the Day - DOE Information Bridge
<i>January 2000</i>	Commendation from the Depository Library Council for PubSCIENCE	<i>January 1998</i>	Tennessee Quality Commitment Award
<i>October 1999</i>	PubSCIENCE Appears in First Anniversary Edition of Access America Online	<i>November 1997</i>	Senator Warner's Committee Applauds Agreement Between GPO & OSTI for Information Bridge
<i>August 1999</i>	EnergyPortal Appears in Federal Computer Week  PubSCIENCE appears in "Science" Magazine	<i>October 1997</i>	DOE's Information Management Administration Excellence Award - R&D Summaries  Energy Quality Commendation
<i>July 1999</i>	Congressman Lauds Agreement Between GPO and OSTI for Information Bridge  Hammer Award STIP Community	<i>January 1997</i>	OSTI Receives Secretary's Gold Award
<i>May 1999</i>	Hammer Award R&D Project Summaries  Hammer Award EnergyFiles	<i>August 1996</i>	Hammer Award - Director Re-engineering Group
<i>February 1999</i>	Hammer Award Information Bridge	<i>Spring 1995</i>	Adopter of the Year Award from Anderson County Schools

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- September 2001 - OSTI Director Receives Interagency Award

Chosen by leaders of the federal information technology and information science communities, the 2001 Interagency Resource Management Conference (IRMCO) Individual Award for all of government was presented to OSTI's Director, Dr. Walter L. Warnick. This prestigious award is presented each year to an individual or team that has demonstrated exceptional ability to operate across organizational boundaries to improve the government's service to its people.

- March 2001 - 2000 Information Technology Quality Award for Executive Leadership

OSTI's Director, Dr. Walter L. Warnick, received the DOE-Wide IT Quality Award for Executive Leadership for his "vision and leadership in championing an aggressive effort to capitalize on technological advances in the Information Age to bring science information to the desktops of U.S. and DOE researchers."

- January 2001 - Energy100 Award for PubSCIENCE

PubSCIENCE is recognized as one of the best 100 scientific and technological accomplishments of the Department of Energy during this century.

- January 2000 - Commendation from the Depository Library Council for PubSCIENCE

Depository Library Council commends GPO and the Department of Energy's Office of Scientific and Technical Information for sponsoring public access to PubSCIENCE, a Web-based product that provides access to more than a million citations to journal articles in the physical sciences with connections to a growing number of full text articles. Council is especially pleased to see GPO and OSTI continue in their partnership to provide essential energy-related information to the public and hopes to see additional products available in the future.

- October 1999 - PubSCIENCE appears in First Anniversary Edition of Access America Online

Search Scientific Journals Online, an article about PubSCIENCE, appeared in the First Anniversary Edition of Access America Online. PubSCIENCE, OSTI's newest product, is a component of EnergyFiles Virtual Library Collection of Energy Science and Technology.

- August 16, 1999 - EnergyPortal Appears in Federal Computer Week

"DOE energizes site with extensive Web searches" is the title of the article appearing in "Federal Computer Week," August 16, 1999. The article discusses the new EnergyFiles

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search engine "EnergyPortal" and its capability to combine searches of 450 distributed databases and various government and private/non-profit Web sites. "EnergyPortal" searching is available at <http://kratos.osti.gov:1999>.

- August 6, 1999 - PubSCIENCE Appears in "Science" Magazine

SCIENTIFIC PUBLISHING: "Science" Magazine reported in its August 6, 1999, issue that DOE has built a Web site for the Physical Sciences called PubSCIENCE. PubSCIENCE, which is jointly sponsored by the Department of Energy Office of Scientific and Technical Information (OSTI) and the Government Printing Office (GPO), is a World Wide Web application which provides access to abstracts of journal articles and associated bibliographic information. PubSCIENCE is expected to be available to the public on October 1, 1999.

- July 1999 - STIP Community Wins Hammer Award

The STIP Community was awarded Vice President Gore's National Partnership for Reinventing Government (NPR) "Hammer Award" for the successful transition to electronic scientific and technical information (STI) management. The Hammer Award recognizes the team of employees who made a significant contribution in support of reinventing government principles. Some 96 individual participants were involved in the electronic transition effort. In the single most revolutionary change in its history, OSTI and its STIP partners collaboratively developed procedures to convert the Program from a centralized paper-based operation to a decentralized electronic activity which uses the Internet and World Wide Web, thus making DOE's STI more widely available in less time and at a lower cost per person served. It is estimated that this paperless way of doing business will avoid costs to the Department and U.S. taxpayers of approximately \$2 million per year.

- July 1999 - Congressman Lauds Agreement between GPO and OSTI for Information Bridge

On July 13, 1999, Congressman Steny Hoyer recognized government successes by lauding GPO and DOE for the Information Bridge.

- May 1999 - Hammer Award

Presented for the R & D Project Summaries Web Database, which contains key corporate information relating to over 14,000 R&D projects performed since FY 1995 by DOE's laboratories and other installations, "the Hammer Award is Vice President Gore's tribute to teams of federal reinventors and their partners in state and local government and the private sector. The

award recognizes them for using reinvention principles to create a government that works better, costs less, and delivers results the American people care about," according to the National Partnership for Reinventing Government Web page (<http://www.npr.gov>).

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This Web application was made available to DOE customers and stakeholders, including the public, on June 1, 1997. This Hammer Award was presented at a ceremony held in Oak Ridge, Tennessee.

- May 1999 - Hammer Award

EnergyFiles: Virtual Library Collection of Energy Science and Technology team members from the Office of Scientific and Technical Information, Office of Science, were selected to receive a 1999 Hammer Award. "The Hammer Award is Vice President Gore's tribute to teams of federal reinventors and their partners in state and local government and the private sector. The award recognizes them for using reinvention principles to create a government that works better, costs less, and delivers results the American people care about," according to the National Partnership for Reinventing Government Web page (<http://www.npr.gov>). EnergyFiles: Virtual Library Collection of Energy Science and Technology provides access to over 400 scholarly collections of energy-related scientific and technical information. This Hammer Award was presented at a ceremony in Oak Ridge, Tennessee.

- February 1999 - Hammer Award

DOE Information Bridge: DOE Information Bridge team members from the Office of Scientific and Technical Information, Office of Science, were selected to receive Vice President Gore's National Partnership for Reinventing Government "Hammer Award." The Hammer Award was presented to OSTI representatives at the Armed Forces Communications and Electronics Association (AFCEA) Virtual Government Conference in Washington, D.C., on February 23, 1999. Francis Buckley, Superintendent of Documents, was also at the ceremony representing the Government Printing Office, which through a cooperative partnership with the Office of Scientific and Technical Information made a public version available to Federal Depository Libraries and other interested users at <http://www.doe.gov/bridge>. The Hammer Award recognizes teams of federal employees and their partners whose work resulted in a government that works better and costs less. The public version of the award-winning DOE Information Bridge captures and offers free access to the key deliverables of DOE's annual \$6 billion R&D program in such areas as physics, chemistry, materials, biology, environmental cleanup, and other energy-related disciplines. An enhanced version is also available to the Department and its contractors at <http://apollo.osti.gov/dds/>. Making this information available on the Internet in an organized, searchable format is a significant benefit to the Department and, ultimately, to the U.S. taxpayer.

- October 1998 - Inaugural Issue of Al Gore's Access America Online Magazine

The DOE Information Bridge, DOE Research & Development Project Summaries Database, and EnergyFiles: Virtual Library Collection of Energy Science and Technology were featured in the inaugural issue of Access America Online Magazine.

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- September 1998 - DOE Information Management Quality Award for Technical Excellence

Presented to the DOE Information Bridge Project Team, Office of Scientific and Technical Information, Science Applications International Corporation, and NCI Information Systems, Inc., for development and implementation of the innovative DOE Information Bridge providing Web access for scientific research activities to DOE R&D program results, thus maximizing the U.S. taxpayer investment in energy research.

- April 1998 - Commendation from the Depository Library Council for the Information Bridge

Approved by the Depository Library Council, which serves as an advisory committee for the GPO, to the Public Printer, the commendation reads: "Council commends the GPO and the Department of Energy for providing no-fee public access to the Office of Scientific and Technical Information's 'Information Bridge' through GPO Access. This partnership between a major technical agency and GPO provides a convenient and cost-effective successor to the DOE depository microfiche collection." It is a rare honor for one agency to award a commendation to another agency.

- April 1998 - Yahoo Pick of the Day

The DOE Information Bridge selected for the pick of the day for April 29, 1998.

- January 1998 - Tennessee Quality Commitment Award

The Office of Scientific and Technical Information was presented with the Tennessee Quality Commitment Award by Governor Don Sundquist at the fifth annual Tennessee Quality Awards presentation on January 12, 1998. The Quality Commitment describes an intermediate level for organizations that have advanced from their initial steps toward total quality improvement and are recognized for the accomplishments toward the next level of achievement. The ceremony was attended by more than 1,000 representatives of participating Tennessee companies, organizations and support groups statewide. OSTI's award puts it in a class of being one of the best of Tennessee organizations.

- November 1997 - Senator Warner's Committee Applauds Agreement Between GPO and OSTI for Information Bridge

A letter approving the interagency agreement between GPO and OSTI for the Public Information Bridge was sent to The Honorable Michael F. DiMario, Public Printer, from John Warner, Chairman for the Joint Committee on Printing. The letter states: "The committee views this proposed Interagency Agreement as a good model which should be offered to other agencies whose materials are of value to the depository library program..."

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- October 1997 - Department of Energy's FY 1997 Information Management (IM) Management/Administrative Excellence Award

This award was presented to OSTI's R&D Project Summaries Web Database Team during the IM Council meeting, October 20-22, 1997, in Gaithersburg, Maryland. The award was given for creation of the DOE R&D Project Summaries Web Database in response to ongoing Departmental needs to share, publicize, and better manage the Department's R&D results.

- October 1997 - Energy Quality Commendation Award

Presented by Secretary Federico Peña, the Department of Energy's Office of Scientific and Technical Information (OSTI) received this award. The Energy Quality Award is given for excellence in work processes, environmental issues, and leadership practices judged by the Department's Energy Quality Council and award examiners using six Malcolm Baldrige National Quality Award management criteria. A large number of the OSTI staff participated in explaining and demonstrating how the OSTI quality program operates during a site visit that was conducted by the examining team in July of this year. The award recognizes OSTI as one of the Administration's National Performance Review high caliber organizations.

- January 1997 - OSTI Receives Secretary's Gold Award

Presented by the Secretary of Energy Hazel R. O'Leary, this award was given in recognition of OSTI's participation on the Human Radiation Experiments Team. Assistance was provided to the Presidential Advisory Committee and the Office of Human Radiation Experiments in the search to uncover and make available agency records on radiation experiments associated with the Department and its predecessor agencies.

- August 1996 - Hammer Award

Presented to teams of federal employees who have made significant contributions in support of reinventing government principles, the Directive Re-engineering Group at OSTI received this award for cutting red tape associated with the management of the Department-wide \$240 million annual process for managing STI. The Group received this award for working in partnership with over 100 STI managers to reduce 143 pages of prescriptive and mandatory requirements to just 8 pages of collaboratively-developed requirements. As a result of the significant success of this

Group, the collaborative process for managing the Department's STI function is now the standard for DOE and the working model that other information management activities try to emulate.

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- Spring 1995 - Adopter of the Year Award

Presented by Anderson County Schools in recognition of the Office of Scientific and Technical Information's Adopt-A-School program and their efforts to help Anderson County Elementary Schools.

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