

# OSTI AND STIP:

## WORKING TOGETHER FOR THE PUBLIC GOOD

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*Sharon M. Jordan*

Assistant Director

U.S. DOE Office of Scientific & Technical Information

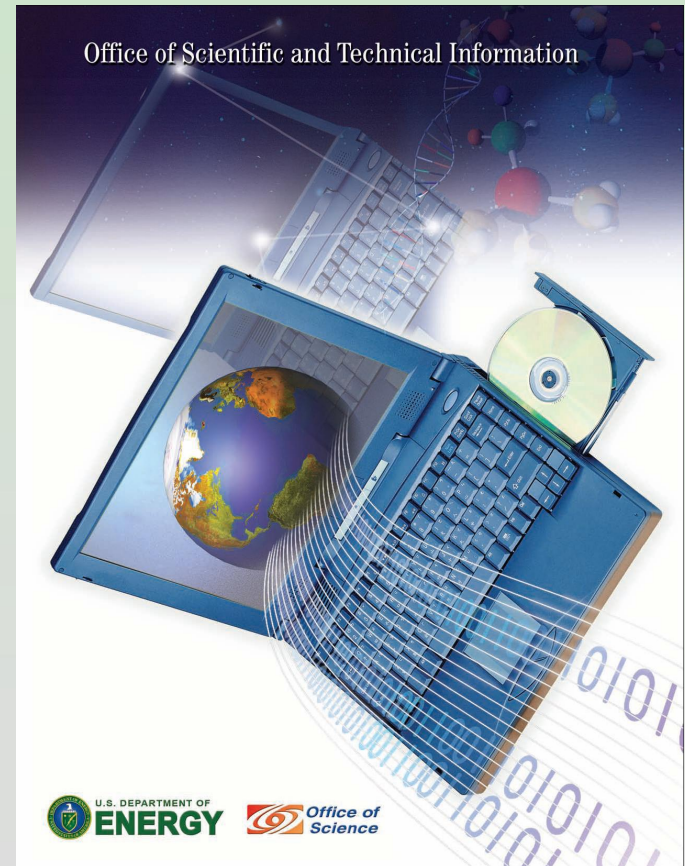


# OSTI Strategic Plan

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- Near “print ready”
- STIP partners have provided valuable feedback along the way:

*Thank You!*



# Stakeholders Shaped OSTI Goals

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- Key “take away”:
  - The content collected, disseminated and preserved by OSTI is a public good—the content is the output of DOE R&D programs carried out by labs and grantees.
  - Therefore, OSTI and STIP provide a public good!
  - Ensure patrons get good information fast

# OSTI Strategic Goals

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- 1. Ensure superior access to and preservation of quality scientific and technical content***
- 2. Improve education with superior access to scientific and technical knowledge***
- 3. Bring the world's science to U.S. science and research communities***
- 4. Increase visibility and understanding of DOE contributions to science***
- 5. Contribute to national security***
- 6. Provide specialized support to DOE R&D Programs***

# Strategic Plan – Filling the Gaps

## Content

- Not all DOE R&D results are made accessible and preserved
- Non-textual forms of STI (*audio, visual, image, numeric data, and illustrations*) are not searchable and accessible
- Hundreds of thousands of DOE technical reports have not been digitized
- Comprehensiveness and currency of weapons R&D information collections are lacking

## Technology

- Great quantities of STI are non-Googleable
- Challenge of sharing classified information via Web not met.

## Communications

- University research programs not equipped with knowledge of DOE STI resources.
- OSTI is not well known among DOE programs.

# New pathways ahead

**Full-text R&D results are becoming more and more searchable and accessible.**

**But, a few gaps need to be filled!**



**Non-traditional forms of STI present a new challenge to science acceleration.**

**Working together, the STIP collaboration offers a path forward for accelerating scientific discovery even more in FY09 and beyond.**

# “Go After DOE HQ Publications”

**Basic Energy Sciences Workshop Reports**

Overview Brochures Workshop Reports Accomplishments Presentations Archives

BES HOME RECENT LIST ABSTRACTS BESAC RELATED ARCHIVES HOME

### BES Basic Research Needs Reports

Provided below is a listing of BES-sponsored workshop reports resulting from [The "Basic Research Needs" Workshop Series](#) that are used to help identify research directions for a decades-to-century energy strategy. These reports provide the informational basis for the [Energy Frontier Research Centers](#) and [single-investigator and small-group research proposals](#). [\[PDF file requirements\]](#) [Longer abstracts of these reports](#)

**The Energy Challenges Report:**



**New Science for a Secure and Sustainable Energy Future**

This Basic Energy Sciences Advisory Committee report identifies research directions that emerge from the scientific research directions that emerge from reports into a comprehensive set of science and technology strategies and tools required to accomplish the

[PDF file of this report \(0.6 MB\)](#)

**The Grand Science Challenges Report:**



**Directing Matter and Energy: Five Challenges for Science and Technology**

This Basic Energy Sciences Advisory Committee report describes the most important scientific questions and scientific challenges and describes the importance of these challenges to the development of energy and technology. It was presented on January 25, 2005, request from the Office of Energy Efficiency and Renewable Energy and Grand Challenges Subcommittee meeting

[PDF file of this report \(29.6 MB\)](#)

**The 10 Basic Research Needs Workshop Report:**

One content “gap” we are pursuing: Program publications such as workshop reports and policy documents

## EERE Publication & Product Library

Welcome to the EERE Publication and Product Library. This library will allow you to find publications and products provided by the DOE's Office of Energy Efficiency and Renewable Energy specifically for our constituents. To help serve you better this database will allow you to:

- Search for publications and products
- Download or view publications online
- Request a copy to be mailed to you

Some of the following documents are available as Adobe Acrobat PDFs. [Download Adobe Reader.](#)

### Search the Library

[Advanced Search](#) [Browse by Topic](#)

(Searches Title, Description, Filename and Keywords)

#### Most Requested

##### [Clean Cities Now, Vol. 12, No. 4 - 15th Anniversary Issue](#) (PDF)

Clean Cities Now is the official newsletter of DOE's Clean Cities program. It includes articles on coalition activities, fleet and stakeholder success stories, and helpful resources. [Details](#)

[View Related](#) [Request by Mail](#)

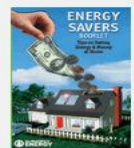
##### [Model Year 2009 Fuel Economy Guide: EPA Fuel Economy Estimates](#) (PDF 1.1 MB)

The Fuel Economy Guide is published by the U.S. Department of Energy as an aid to consumers considering the purchase of a new vehicle. The Guide lists estimates of miles per

#### Feature

##### [Energy Savers - Tips on Saving Energy & Money at Home](#) (PDF 3.21 MB) [Details](#)

[View Related](#) [Request by Mail](#)



#### Latest Additions

##### [Clean Cities Fact Sheet: What Is Clean Cities? \(April 2009\)](#) (PDF 1.78 MB)

Clean Cities contributes to the energy, environmental and economic security of the United States by reducing our dependence on imported petroleum. Clean Cities is sponsored by the U.S. Dept. of Energy [Details](#)

[View Related](#) [Request by Mail](#)

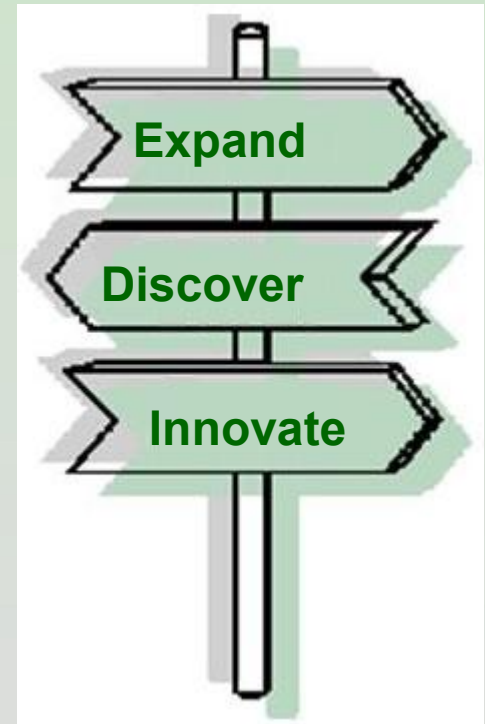
##### [State Energy Program](#) (PDF 1.92 MB)

Fact sheet that describes the role of the State Energy Program. Includes a brief history of the program and an explanation how states use grants from the program to fund energy

# Pathways to Transparent Science

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- Make more of DOE's R&D results searchable
  - Locate obscure pockets of STI
  - Digitize legacy research for re-use
  - Make non-text STI findable
- Make information already available easier to find and use
  - Precision search
  - Create tools with researcher in mind (i.e., entice use of STI)





# Updates and New Services

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- Products
- Enhancements





# Enhancements

[Help](#) | [FAQ](#) | [Site Map](#) | [Contact Us](#) | [Q&A](#) | [Widget](#)

[HOME/SEARCH](#)   [ADVANCED SEARCH](#)   [ABOUT](#)   [RESOURCE DESCRIPTIONS](#)

Your search: **Full Record: nanotechnology**   6 of 10 resources complete.   [Refine Results](#)   powered by **DeepWeb**

Results 1 - 25 of 59   [1](#) [2](#) [3](#)   Sort by: Rank   Go to: Select a Resource

[Show only \(v\) Items \(0\)](#)   [Clear all \(v\) Items](#)   [E-mail Your Results](#)

**Clusters**

- **All Results (59)**
- ▾ Topics
  - ▾ Environmental (15)

<input type="checkbox"/>	<p>★★★★ <b>Nanotechnology at EPA</b></p> <p>A PowerPoint slide show outlining the national <b>nanotechnology</b> initiative from a federal context.</p> <p>Federal R&amp;D Project Summaries</p>
<input type="checkbox"/>	<p>★★★★ <b>NANOTECHNOLOGY WHITE PAPER</b></p> <p><b>nanotechnology</b> is the science of manipulating materials at the atomic molecular level to develop new or enhanced materials and products. In December 2004, EPA's Science Policy Council created a cross-Agency group to identify and describe the ...</p> <p>Federal R&amp;D Project Summaries</p>
<input type="checkbox"/>	<p>★★★★ <b>SOLAR CELL NANOTECHNOLOGY</b></p> <p>..., 2008   2008-07-30</p> <p>...--FG36-08GO88010</p> <p>Federal R&amp;D Project Summaries</p>
<input type="checkbox"/>	<p>★★★★ <b>NANOTECHNOLOGY TAKES ROOT. (R829625)</b></p> <p>...perspectives, information and conclusions conveyed in research report abstracts, progress reports, final reports, journal abstracts and other publications convey the viewpoints of the principal investigator and may not represent the views and policies...</p>

**Wikipedia**

[disclaimer](#)

**[Nanotechnology](#)**

Scanning probe microscopy Atomic force microscope

[more...](#)

**EurekaAlert!**

**[Nanotechnology](#)**

["culture war" possible, says Yale study](#)

2008-12-07

Rather than infer that **nanotechnology** is safe, members of the public who learn about

- Spelling suggestions
- Emailing results
- Clustering
- Wikipedia results
- EurekaAlert! Science news
- Citation exporting



## **Version 5.0 launched in September 2008**

**Accesses 38 databases and almost 2000 websites;**

***Quadrupled* content to 200 million pages of science information  
searchable via 1 query**

- ✓ **Clustering of results by subtopics or dates to help target your search**
- ✓ **Wikipedia results related to your search terms**
- ✓ **EurekAlert News results related to your search terms**
- ✓ **Mark and send option to email results to friends and colleagues**
- ✓ **More science sources**
- ✓ **Enhanced precision of search**
- ✓ **New look and feel**
- ✓ **Updated Alerts Service**

**Department of Transportation joined Alliance in 2009!**



**WORLDWIDESCIENCE.ORG**

*The Global Science Gateway*

**Now searches 52 sources from  
56 countries – an estimated 375 million pages of STI!**

- **WWS Alliance formed in June 2008 in Seoul with 38 countries represented**
- **People's Republic of China joined in October 2008**
- **20 new sources added in the last year**
- **Alerts are coming soon – June 2009**
- **Progress continues towards Translations capabilities**

**USAGE IS INCREASING...**

**The number of page views has more than doubled in recent months.  
(Exposure to Google sitemap increased visibility)**





- *South Africa joined ETDE*
- *ETDE working through IEA with India, Russia, and China to explore their membership; would add to DOE sites' access to those countries' energy RTD literature.*
- *ETDEWEB reached 4 million milestone*
- *ETDEWEB just got faster*
- Total Bibliographic records available: 4,160,000
- Total records with full text available: 242,000
- Total records with Digital Object Identifier (DOI) links: 872,000

*Note: Many newer records also have links to electronic full text or to websites where the full text can be obtained.*

# XML Data Services

<http://www.osti.gov/XMLDataServicesManual.pdf>

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**View, store, slice, dice research data to suit your science program needs, as OSTI continues expanding access**

- **Specify data in areas of interest**
- **Use a search query**
- **View, store and use data in alternate ways from sources such as InfoBridge, DOE R&D Project Summaries, ECD, DOepatents, and subject areas such as geothermal, vehicle technologies, and more...**

# Join the discussion!



**Subject** 29 ENERGY PLANNING, POLICY AND ECONOMY; NUCLEAR ENERGY; NUCLEAR POWER PLANTS; FORECASTING; ENERGY SOURCE DEVELOPMENT; NUCLEAR PROPULSION REACTORS; RADIOACTIVE WASTE MANAGEMENT; SAFEGUARDS

**Related Subject** POWER REACTORS; FORECASTING; NUCLEAR POWER; TECHNOLOGY ASSESSMENT; SAFEGUARDS

**Description**

**Now, at Information Bridge, you can search for a document, select the document title, then start a discussion about it.**

**Select the "See/Add Document Discussion" or scroll to bottom of document to find the input box. Type in your text and select the "Discuss" button.**

**Country of Origin**

**System**

**Document Discussions**

**Discuss**

**Predicting the Future:**

As the Manhattan Project was shutting down following the end of World War II, Enrico Fermi, one of the top scientist of the twentieth century, peaceful uses of nuclear energy in a world that had seen a clear demonstration of the military use of nuclear energy.

posted by tib - Mar 13, 2009 4:05 PM

**User Name:**  (for display)

**Email Address:**  (Email address will NOT be displayed.)

**Discussion Subject:**

**And...Author clusters and subjects**

**Your search results now generate clusters of authors and subjects related to your query. You get a list of full-text documents to download plus a list of authors doing related work and a list of subjects on related research.**

# Rapid Growth Continues



## Current Benchmark Numbers

- Number of worldwide documents accessible: > 5 million
- Number of research laboratories included 31,797
- Number of professional societies linked 3140

[E-print Network](#) was recently updated to make it easy for researchers to add e-prints to the database, download full-text scholarly and professional works, and find scientific societies.

A screenshot of the E-Print Network website. At the top right, there is a search bar with the placeholder text "Enter Search Terms" and a "Search" button. Below the search bar is a link for "Advanced Search". On the left side, there is a navigation menu with links for "Home", "About", "Advanced Search", "Browse by Discipline", "Scientific Societies", "E-print Alerts", and "Add E-prints". The main content area is titled "Add E-prints" and contains the following text: "We invite you to submit your e-prints to the network. Having your e-prints in the network increases awareness of them and promotes the dissemination of your information to a broader audience. We do not add all submitted e-prints to our collection, and we cannot make any predictions or guarantees about when or if they will appear." Below this text is a link: "See 'What are the criteria for inclusion in the E-print Network?'" The form itself consists of several input fields: "URL (required):", "Title (required):", "E-mail address (required):", "Your Name:", "Occupation:" (with a dropdown arrow), "Name of Organization:", and "Additional Information:" (with a large text area below it).





**NEW**

# Adopt-A-Doc?

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**Accelerate scientific discovery!**

- DOE technical reports can be “adopted.”
- In other words... You can choose to sponsor the digitization of any adoptable technical report.
- Use ECD to find “adoptable” documents.

## **Why Adopt-A-Doc?**

**More than 300,000 DOE technical reports need to be digitized.**

**Digitization will speed the discovery process.**

**Adopt-A-Doc? is just one way OSTI is working to increase the availability of important research.**



- Specially selected reports and feature pages added
- Interesting Insights page added
- Widget and RSS feed added
- Google Sitemap created for DOE R&D Accomplishments
- DOE R&D Accomplishments Feature Pages have been added to [www.Stumbleupon.com](http://www.Stumbleupon.com)
- Content and Links to DOE R&D Accomplishments Nobel Laureate Feature Pages added to Wikipedia



# Fed R&D Upgrades



## Now offers:

- **Interagency Advanced searching by project content, principal investigator, or title**
- **Results grouped by subtopic or principal investigator.**

## New content includes:

- **Transportation Research Board**
- **Department of Defense**
- **NASA**

**Content now covers 9 agencies**



We now have a Web version of the 241.4 announcement record that sites can (should) use for package submittal.

[Home](#) [Search Software List](#) [Form 241.4](#) [What's New](#) [Most Requested](#) [Ordering Information](#) [Software Availabili](#)

## U.S. Department of Energy ANNOUNCEMENT OF COMPUTER SOFTWARE

[241.4 Instructions](#) (PDF)

*\* Required Fields*

**\* This Software Package is:**  New/Not in ESTSC System  Revision to Existing ESTSC Package  
Previous Package ID:

### Part I: STI SOFTWARE DESCRIPTION

**\* A. SOFTWARE TITLE:**

**\* Short Name or Acronym:**

**\* B. DEVELOPER(s):**

Developer(s) E-mail Address(es):

**C. SITE PRODUCT NUMBER(s):** *separate multiples with semicolons (:)*

# New EnergyFiles coming soon...

- Updated look and feel
- New focus on energy and environment
- Basic and advanced searches
- Improved search software and features



The screenshot shows the EnergyFiles website interface. At the top, the "EnergyFiles" logo is displayed in a stylized font with a globe background. Below the logo is a search bar with a "Search" button. The text "The Energy and Environment Gateway" is centered below the search bar, and a link for "Advanced Search" is positioned to the right. Further down, the text "A SCIENCE Accelerator Resource" is shown, with "SCIENCE" in blue and "Accelerator Resource" in orange. A paragraph of text describes the portal as a collection of energy and environment databases and websites, hosted by various agencies and organizations, developed and maintained by the U.S. Department of Energy Office of Scientific and Technical Information. At the bottom, a section titled "BROWSE RELATED TOOLS AND RESOURCES" lists several categories: Energy Storage, Conversion and Utilization; Environmental Sciences; Fossil Fuels; Fission and Nuclear Technologies; Plasma Physics and Fusion Technology; Power Generation and Distribution; and Renewable Energy Sources.

**EnergyFiles**

**Search**

The Energy and Environment Gateway

[Advanced Search](#)

A SCIENCE Accelerator Resource

EnergyFiles is a portal to a collection of energy and environment databases and websites, hosted by a variety of agencies and organizations, developed and maintained by the U.S. Department of Energy Office of Scientific and Technical Information

**BROWSE RELATED TOOLS AND RESOURCES**

- [Energy Storage, Conversion and Utilization](#)
- [Environmental Sciences](#)
- [Fossil Fuels](#)
- [Fission and Nuclear Technologies](#)
- [Plasma Physics and Fusion Technology](#)
- [Power Generation and Distribution](#)
- [Renewable Energy Sources](#)

# OSTI ...still blogging

Web 2.0

[www.osti.gov/blog](http://www.osti.gov/blog)

OSTI accelerates the pace of discovery by making R&D findings available to researchers and the American people

Accelerating Science Discovery—Join the Discussion

Search

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- Home
- OSTIblog Table of Contents
- About OSTIblog
- www.osti.gov

- Personal Perspectives
- Products and Content
- Technology

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Products and All RSS Comments

Get the OSTI Blog

More Information

Subscribe

## Products and Content

The Products and Content thread contains articles about OSTI's Web Products that are made available as a free public service and the content that they include.

**23 Mar 2009** **OSTI Link in New York Times Blog**  
by Nena Moss in [Products and Content](#) | [Comments\(0\)](#)  
Tags: [bnl](#) [brookhaven-national-laboratory](#) [information-bridge](#) [long-island](#) [new-york-times](#) [paper](#) [sea-breeze](#)

A document made available by the Office of Scientific and Technical Information (OSTI) was recently linked in the New York Times [City Room@](#) blog article "[Answers about New York's Weather, Part 3](#)". It was included with the answer to "How strong can an Atlantic sea breeze get? Is there Long Island Sound sea breeze?" posted by *Joseph*. The document, "[Sea Breeze Regimes in the New York City Region – Modeling and Radar Observations](#)" [431-KB PDF] is a paper published by researchers at [Brookhaven National Laboratory](#) and Stony Brook University's [School of Marine and Atmospheric Sciences](#) in a collaboration with National Weather

...ns an estimated one  
...or the most part

## Comment & Post

- Personal Perspectives
- Products & Content
- Technology

# Widgets Work! Share the R&D

Web 2.0



Available via the "Widget" link at [www.osti.gov](http://www.osti.gov)

**OSTI makes R&D portable – you can search databases from your own websites**



Stay Tuned for "Layered Widgets"!!



# RSS & Podcasts – Subscribe to news about R&D

Available via the “News Feed” link at [www.osti.gov](http://www.osti.gov)

Web 2.0

## RSS and Podcast News Feeds

Use OSTI's RSS/Podcast feeds to Get OSTI news, announcements, and product or service updates delivered directly to your desktop or MP3 player.

### Subscribe to OSTI RSS News and Podcast Feeds:

Copy and paste the appropriate URL in your feed reader

-  [OSTI News Feed](http://www.osti.gov/newsfeeds/rss-osti.xml) <http://www.osti.gov/newsfeeds/rss-osti.xml>
-  [DOepatents News Feeds](http://www.osti.gov/includes/doepatents/patents.xml) URL shortcut <http://www.osti.gov/includes/doepatents/patents.xml>
-  [DOE R&D Accomplishments News Feeds](http://www.osti.gov/accomplishments/newsfeeds/rss.xml) URL shortcut <http://www.osti.gov/accomplishments/newsfeeds/rss.xml>
-  [OSTI's Podcast News Feeds](http://www.osti.gov/newsfeeds/podcasts/ostipodcast.xml) <http://www.osti.gov/newsfeeds/podcasts/ostipodcast.xml>

- ▶ [News](#)
- ▶ [News Archive](#)
- ▶ [Audio Clips](#)
- ▶ [Press Releases](#)
- ▶ [OSTI Blog](#)

## Office of Scientific and Technical Information, U.S. Department of Energy

### Latest Articles

#### Pushing the Limits is Key to OSTI's Success

Monday, January 01, 0001 12:00:00 AM

While federated search is a core technology that OSTI employs to tackle challenges of sharing knowledge, the technology isn't perfect. OSTI aggressively uses federated search because it does what

#### Join the discussion on important DOE research

Monday, January 01, 0001 12:00:00 AM

Our team is excited to announce that you can now join in or start discussions on important DOE research and development in the Information Bridge collection. Our new social networking feature, Document

#### More Energy Department research goes online due to OSTI, IAEA collaboration

Monday, January 01, 0001 12:00:00 AM

Because we live in a digital world, many people mistakenly believe all research is easily available online. Not only is this a false assumption, it's not even an easy task to digitize the volume of re

#### The Amazingly Egalitarian Impact of OSTI's Work

Wednesday, September 24, 2008 12:07:25 AM

Compared to the pre-Web world of the early 1990s, OSTI now enables about a thousand-fold more information transactions. An information transaction occurs when the customer receives information he requ

#### OSTI is helping librarians make DOE R&D easier for library patrons to find

Friday, September 19, 2008 6:28:58 AM

OSTI now offers librarians and others, free of charge, the opportunity to download records of DOE research and development (R&D) information in MARC (MACHINE-Readable Cataloging) format. Records a

Application by William 

agencies.

### ▼ Photos

2 of 7 albums



### ▼ Fans

6 of 11 fans

## Office of Scientific and Technical Information, U.S. Department of Energy

Subscribe to this feed in your RSS Reader

### Latest Articles

#### People's Republic of China joins WorldWideScience Alliance

Thursday, October 16, 2008 1:24:53 AM

The People's Republic of China has joined the WorldWideScience Alliance--the multilateral governance structure for the global science gateway, WorldWideScience.org. WorldWideScience.org is intended

#### 2008 Nobel Prize in Physics is Awarded to Researcher Supported by U.S. Department of Energy

Wednesday, October 15, 2008 12:04:44 AM

A researcher supported by the U.S. Department of Energy has been named co-winner of the 2008 Nobel Prize in Physics. The Royal Swedish Academy of Sciences awarded Dr. Yoichiro Nambu of the United St

#### Join the discussion on important DOE research

Monday, January 01, 0001 12:00:00 AM

Join the discussion! A new social networking feature, Document Discussion, has been added to the DOE Information Bridge to provide a forum for moderated, substantive commentary on important DOE rese

Application by William 

### OSTI Podcasts

Join us on facebook.com, enter "Office of Scientific and Technical Information" in the search box



Mike



Lynn



Maria



Walt

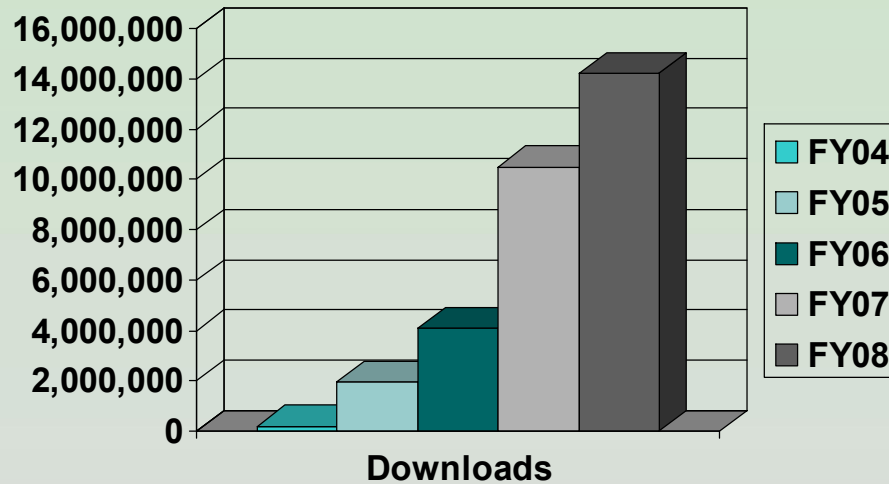
Web 2.0

# Social Media Policy, Terms of Service

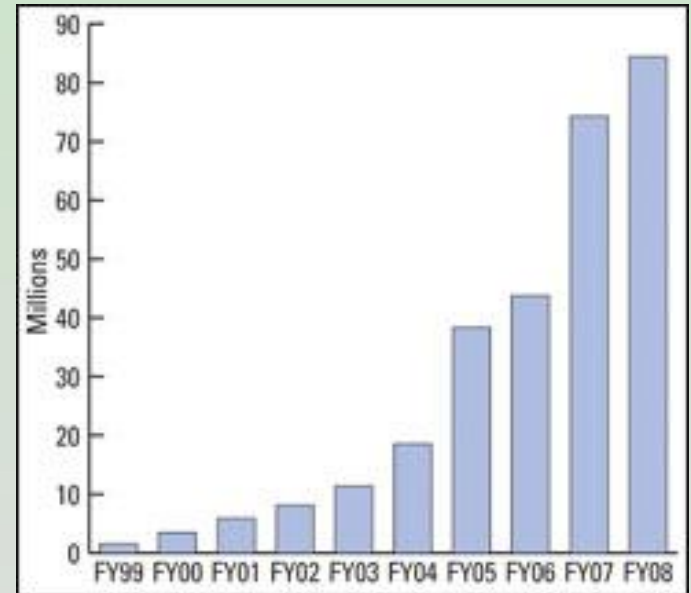
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- Social media, or Web 2.0 applications, generally have Terms of Service to which the federal government cannot legally agree.
- GSA and the Federal Web Managers Council negotiated a separate government Terms of Service that is amenable to government web policy.
  - Issues include indemnification, advertising, jurisdiction and collection of user information.
- YouTube agreement was the first to be implemented, with Flickr, Blip.tv and now Facebook agreements also signed. Other Social Media applications will follow.
- These agreements will remove legal barriers to use these tools. Federal agreements will be transparent to users, but differences will be included, such as no third party ads.
- Any lab or agency with YouTube videos should consider signing new agreement, which will supercede previous one.

# Measures of Usefulness



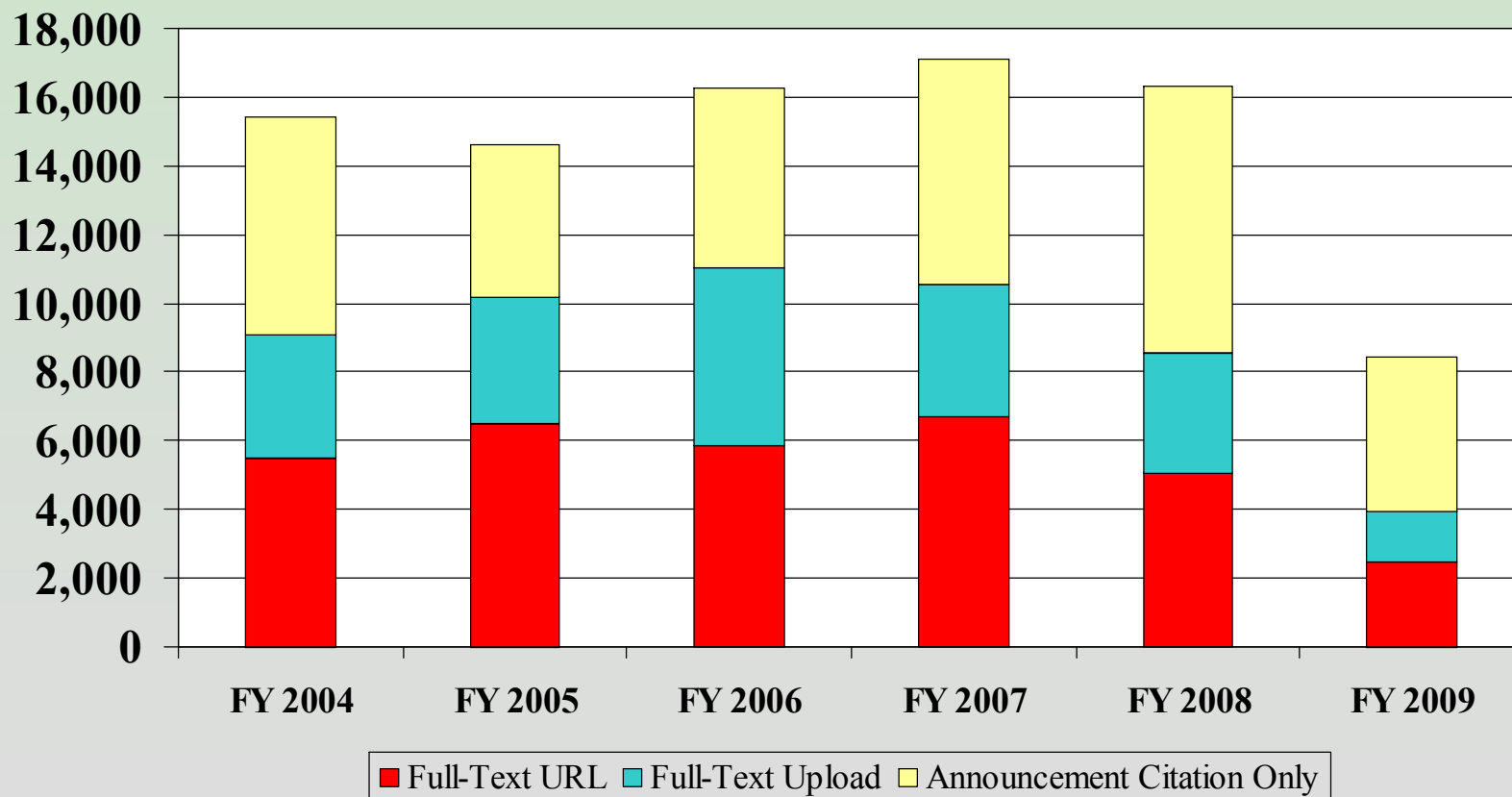
It is noteworthy that 14.2 million downloads result from only 20% of OSTI's full-text holdings – the part that is electronic full text.



Transactions via Web Queries

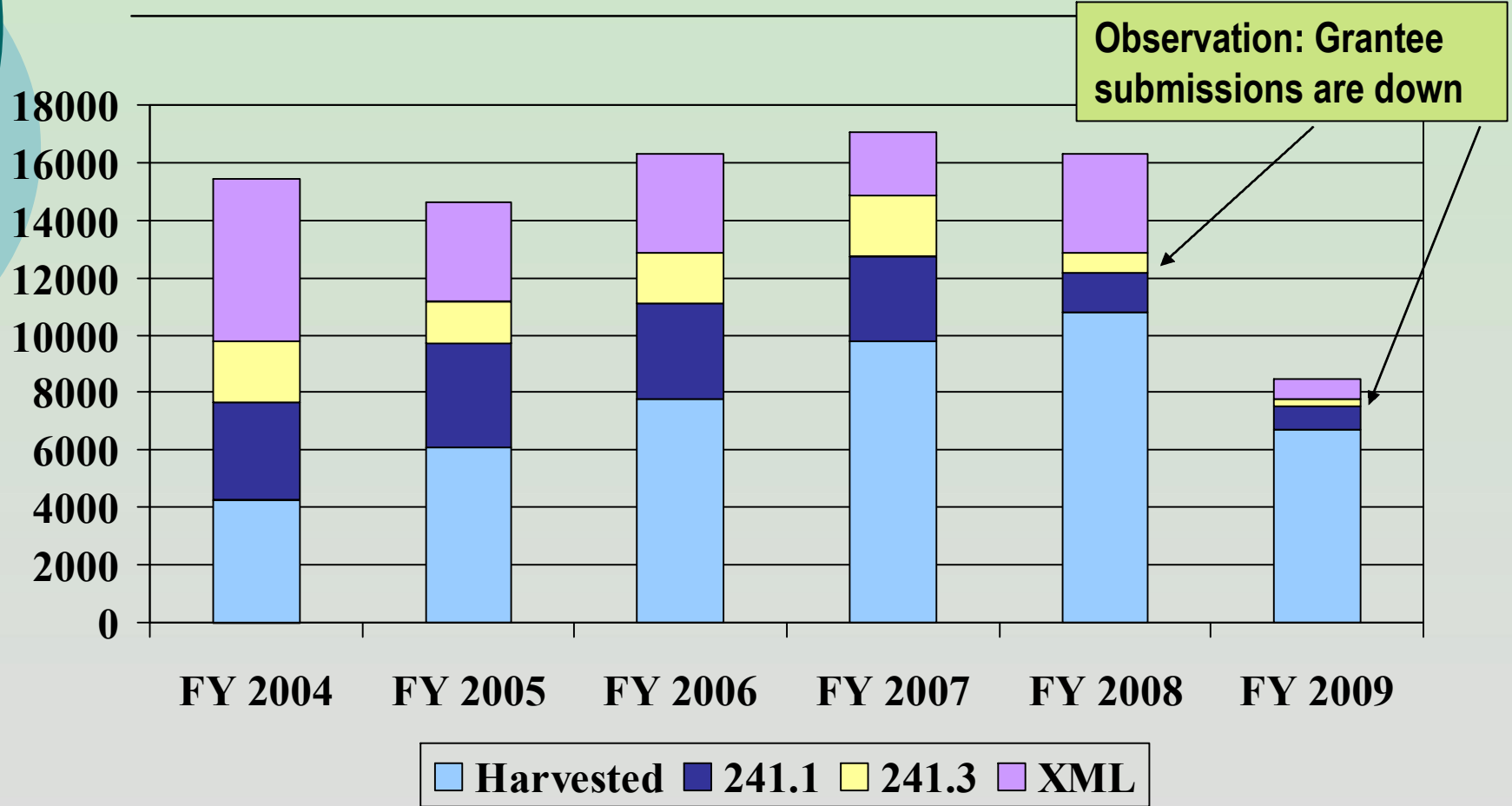
# Overview of DOE STI

STI Totals Remain “Level” – Is New STI Being Missed?



# Harvested (Tapped) Metadata Leads Web Submittals and Batch

FY2004-FY2009\* (through 3/31/09)



## Software Submissions Are Down Yet New Process Makes It Easier

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<b>Fiscal Year</b>	<b>Packages Submitted</b>
2005	162
2006	148
2007	148
2008	85
2009*	17

\*Through 3/31/09

# Classified STI

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OSTI is now an approved ESN site

- A classified version of Elink is being developed



# Miscellaneous STI Policy Activities

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- Patent “sunset” implemented; 915 records changed
- CRADA sunset being explored
- AT Guidance under review to determine future use
- Software license modified, per NASA language

AND....

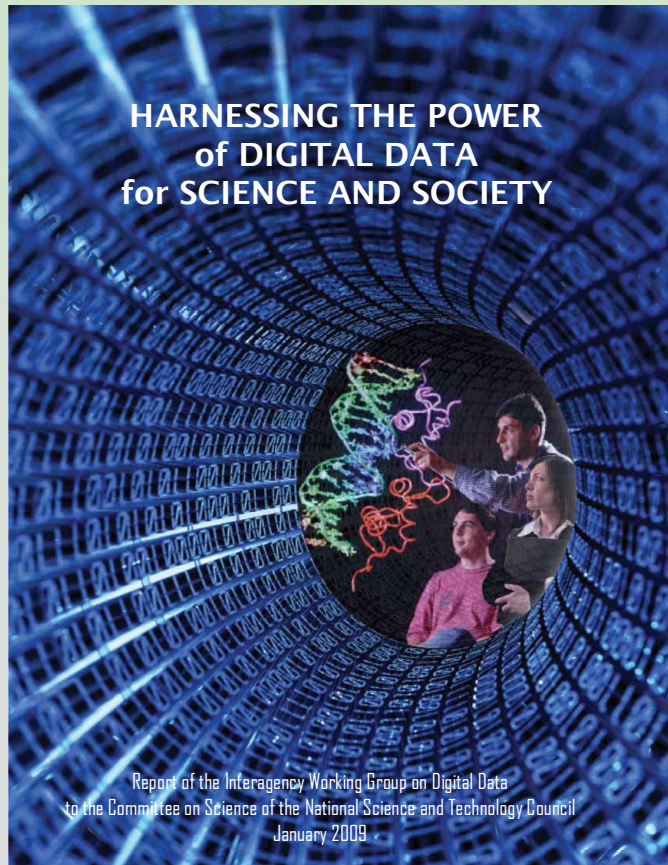
- Order revision in process!



- Through CENDI meetings and working groups, OSTI is keeping abreast of trends in other agencies and keeping other agencies informed about our initiatives.
- Currently a survey is being done for DHS to help them determine what elements an "STI clearinghouse" should include.
- Presentations and other useful information are being posted on their website at <http://www.cendi.gov/>

# IWGDD Report - 2009

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- Interagency Working Group on Digital Data issued report to the Committee on Science of the National Science and Technology Council
- Digital technologies are reshaping the practice of science.
- Addresses digital data preservation and access needs of our Nation's science and engineering research and education enterprise.

# America COMPETES Act and OSTP Guidance

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“Ensure the communication and open exchange of data and results of research” as they apply to:

- the release of news and information to the media and public, as well as
- the sharing of data and research results at the scientific and technical level.

The underlying reason for these principles is simple: science, science policy, and the greater public interest all benefit from a culture that is as open and transparent.

# Working Together ...

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- New Media
- Directives
- Digitization
- Metadata
- Outreach
- Projects at HQ
- Finding STI at:
  - ORNL
  - JLAB
  - LANL
- Records
- Knowledge Mgmt



# DOE Reform Initiative

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Dear Colleagues:

Secretary Chu asked for suggestions about better ways of doing business.

What ideas do you have from STIP and for STIP?

