





To advance science and sustain technological creativity by making R&D findings available and useful to **DOE** researchers and the American people



Energy Policy Act Language



"The Secretary, through the Office of Scientific and Technical Information, shall maintain within the Department publicly available collections of scientific and technical information resulting from research, development, demonstration, and commercial applications activities supported by the Department."

Knowledge & Advancement Areas of active innovations include: Federation of distributed collections with simultaneous, ranked, full text search.

Strategic Initiative for Scientific

- Modeling scientific exchange in the research
- Grid-based and other distributed computer processing techniques to support federation of collections.
- Integration of numeric data and text
- **Expanding digital access to legacy documents**



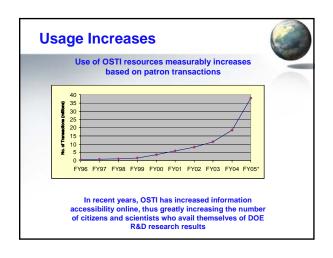
The return on investment in science depends on the diffusion of scientific knowledge.

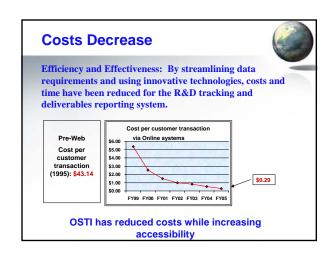
The opportunity exists to build a global community, to massively speed up and expand the diffusion of knowledge.



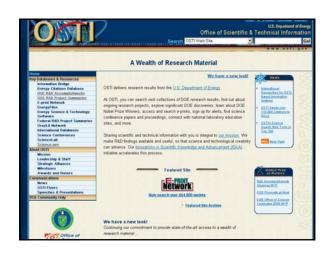


Online search tools hold six slots in TOP 100 Science/Technology Government Information Web Sites by the Association of College and Research Libraries (ACRL) Science.gov tops the list EnergyFiles, Federal R&D Project Summaries and GrayLit Network listed as top General/Portal sites EnergyFiles also recognized under Federal Math and Physical Sciences category ETDE World Energy Database listed in International category



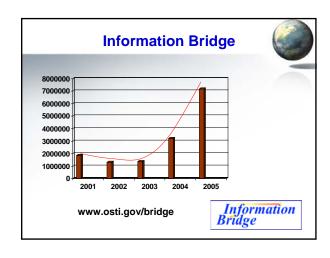


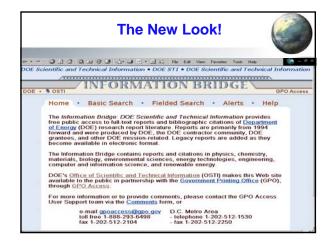


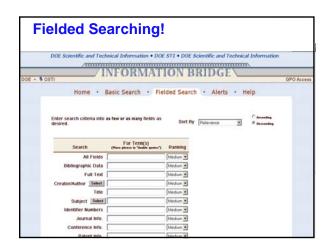




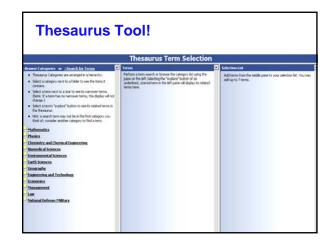


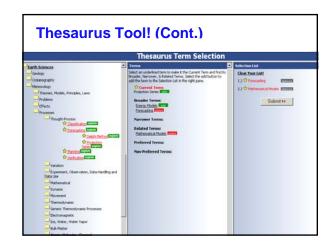






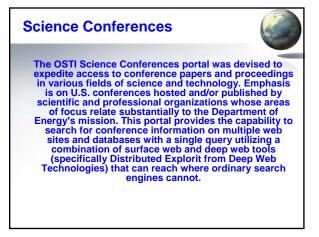








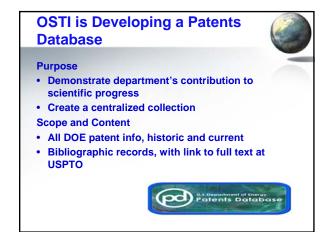
RSS (Really Simple Syndication or Rich Site Summary) allows users to stay up-to-date on headlines, news, events, blog entries or other content that frequently changes OSTI launched an RSS feed in August Provides Web patrons a new means for gathering information about OSTI's products and services RSS employs an XML-based structure, includes title, date, brief description, and link to full text of content















In Pursuit of Fugitive Documents

- GPO continues to emphasize the "fugitive document" problem, which has been exacerbated by electronic publishing and the web
- DOE has a long history of making scientific and technical information (STI) available to the FDLP program
- New efforts are being focused on identifying other materials not traditionally included in our STI databases, but which may be relevant to the FDLP program

DOE Fugitive Document Project Content Guidelines



- Item must be DOE sponsored or authored by DOE or DOE contractor personnel
- · Item must be publicly available (unclassified/unlimited)
- Item must report on energy or an energy related subject (consistent with DOE's R&D mission)
- Item must be located on a DOE organization website, (e.g., program office, national laboratory, etc.)

DOE Fugitive Document Project Content Guidelines (Cont.)



- · Item must have a title and a link to full text
- · Item should not be one that OSTI already has full text for in its collection
- · Item should not be one that OSTI has a URL for as a part of its collection
- · Item must be in a form and format that is technologically manageable by OSTI's current hardware/software configuration without inordinate level of effort or resource requirements

DOE Fugitive Document Project Metadata



- Required Metadata

 - URL to full text
- **Metadata Obtained When Readily Available**
 - **Author**
 - Report number
 - DOF contract number
 - Originating research organization
 - **Publication date**
 - Language
 - Country of publication code
 - Sponsoring organization
- **Assigned Metadata**
 - Unique Identifier Number Size (full text document)

DOE Fugitive Document Project Conceptual Approach 7007 ch Technology

DOE/OSTI and GPO



We are dedicated to continuing our long-standing partnership with GPO and the FDLP

We would like your feedback on how we are currently doing and what more we can do to make DOE's information accessible to you and your patrons

Please contact me at:

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