Disseminate Our Results: "Our success should be measured not when a project is completed or an experiment concluded, but when scientific and technical information is disseminated. Beyond broad availability of technical reports, e-prints and multimedia, and publication in peer-reviewed journals, open access to experimental data and analysis codes is increasingly important in policy-relevant research areas."

—Department of Energy Strategic Plan 2011

Assure Excellence in R&D Management

Knowledge gained during the R&D process is frequently imparted through scientific and technical information (STI). STI is a key deliverable of research and development (R&D) and a valuable resource that contributes to the advancement of science and technology and to the nation's well-being.

OSTI fulfills agency responsibilities related to the collection, preservation, and dissemination of STI emanating from R&D performed by DOE and predecessor agencies.

OSTI continues to broaden efforts to make scientific research data readily available to accelerate discovery.

For more information: Mark Martin Assistant Director 865-576-2097 martinm@osti.gov

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Data ID Service

Researchers funded by the U.S. Department of Energy (DOE) can now make their scientific research data easier to cite and easier to find from worldwide sources

The U.S. Department of Energy (DOE)
Office of Scientific and Technical
Information (OSTI), within the Office of
Science, has been making R&D results
more visible since 1947.





Web Service for Identifying DOE Research Data

Providing stable pathways to datasets generated by DOE-funded scientific research

DOE invests billions of dollars in R&D projects that generate and use data as a critical resource integral to science. Making this research data findable for re-use is a challenge that OSTI is meeting.

Through membership in DataCite, OSTI assigns permanent identifiers, known as Digital Object Identifiers (DOIs), to the individual research datasets located at DOE national labs, other DOE facilities, and DOE-funded grantees.

This data identification (ID) service facilitates citation, discovery and retrieval of your data.

First DOI for a DOE dataset was minted by OSTI and registered with DataCite on 8/10/2011 from the DOE Atmospheric Radiation Measurement (ARM) Climate Research Facility at Oak Ridge National Laboratory.

The Data ID Service is ready to serve DOE researchers and programs.



Citations to DOE Datasets Made Broadly Accessible

Announced and linked from Energy Citations Database (ECD)

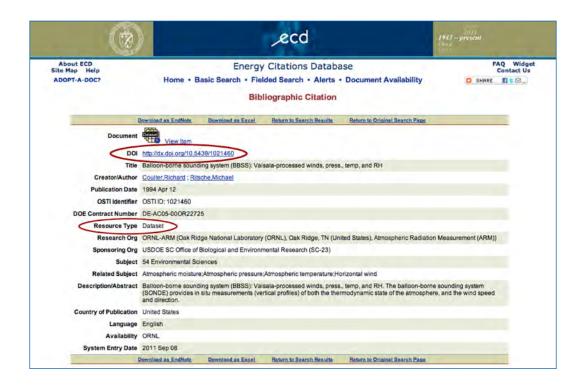
http://www.osti.gov/energycitations/



To be announced and linked from DOE Data Explorer (DDE) in FY 2012

http://www.osti.gov/dataexplorer/





Citations to DOE datasets will be indexed by commercial search engines (e.g., Google) via a sitemap protocol AND will appear in federated search portals that include OSTI databases.





