

STI PRODUCT TYPE FACTSHEET FOR DOE LABORATORY RESEARCHERS:



Thesis or Dissertation

ABOUT STI

In the course of performing research and development (R&D) and other scientific and technological work, researchers funded by the U.S. Department of Energy (DOE) produce scientific and technical information (STI) to document and disseminate their findings.

STI includes products such as journal articles, technical reports, conference presentations, books, and more. Through the Scientific and Technical Information Program (STIP), the DOE Office of Scientific and Technical Information (OSTI) collaborates with people across the DOE complex, including Headquarters programs, field offices, national laboratories, and other facilities. The STIP partnership ensures that the results of DOE-funded work are identified, disseminated, and preserved. Thus, OSTI collects STI produced across the DOE laboratory and facility complex as well as from financial assistance recipients.

DEFINITION

A thesis or dissertation is an academic paper often based on original research, using scholarly resources, which is written by a candidate as a graduate school requirement for a higher academic degree (a master's or doctoral degree) or professional qualification. Dissertations and theses may be considered "gray literature" since they are not typically published commercially. In cases where the author's research was funded by DOE or conducted at a DOE facility, submission to OSTI as a scientific and technical information (STI) product facilitates access to federally funded research results.

SUBMISSIONS

Each DOE laboratory has a site program to manage scientific and technical information produced under the contract and to make it available to DOE's Office of Scientific and Technical Information. Each site's STI Manager is involved in the process; for more information, see the listing of STI Managers at <https://www.osti.gov/stip/about/stip-community#STIManagers>.

Using the Lab's processes for STI submission, the author provides metadata for the thesis or dissertation as well as a full-text document in searchable PDF format or a link to the document hosted on the institutional repository, if it is publicly accessible. Both the DOE entity funding the research and the place of higher education (e.g. university or college), for which the thesis was prepared, should be reflected in the metadata submitted. If the STI product is copyrighted by a commercial publisher, then an announcement notice only may be submitted, providing metadata and the source of availability.

STI AVAILABILITY

OSTI.GOV is the primary search tool for DOE science, technology, and engineering research and development results and the organizational hub for information about the DOE Office of Scientific and Technical Information. Launched in 2018, it consolidates OSTI's home page and the previous search tool SciTech Connect. **OSTI.GOV** makes discoverable over 70 years of research results from DOE and its predecessor agencies.



Research results include journal articles/accepted manuscripts and related metadata; technical reports; scientific research datasets and collections; scientific software; patents; conference and workshop papers; books and theses; and multimedia. **OSTI.GOV** contains over 3 million records, including citations to 1.7 million journal articles, 1 million of which have digital object identifiers (DOIs) linking to full-text articles on publishers' websites. **OSTI.GOV** provides access to this DOE STI by offering numerous easy-to-use search capabilities and customization options; and for the DOE community, additional citation information is available to help researchers evaluate article impact and find related research.

OSTI.GOV is included in the Federal science portal [Science.gov](https://www.science.gov) and the international science portal [WorldWideScience.org](https://www.worldwidescience.org). **Science.gov**, hosted by OSTI, offers free access to research and development (R&D) results and scientific and technical information from more than 60 databases from scientific organizations across 13 federal agencies. **WorldWideScience.org** searches over 100 STI resources including national libraries and information centers from more than 70 countries.

OSTI also works in close collaboration with Google and others, using Sitemap Protocols and other information industry standards to facilitate the discovery of DOE STI through widely used search engines.

ADDITIONAL INFORMATION/CONTACTS

- ✚ The STIP website at <https://www.osti.gov/stip/>
- ✚ OSTI staff will respond to questions/suggestions sent to stip@osti.gov
- ✚ Questions related to E-Link may also be sent to elink_helpdesk@osti.gov