

Resource Summary Report

Generated by NIF on Aug 10, 2026

NSDL: The National Science Digital Library

RRID:SCR_008215

Type: Tool

Proper Citation

NSDL: The National Science Digital Library (RRID:SCR_008215)

Resource Information

URL: <http://nsdl.org/>

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Description: NSDL is a digital library of exemplary resource collections and services, organized in support of science education at all levels. Starting with a partnership of NSDL-funded projects, NSDL is emerging as a center of innovation in digital libraries as applied to education, and a community center for groups focused on digital-library-enabled science education. The National Science Digital Library (NSDL) was created by the National Science Foundation to provide organized access to high quality resources and tools that support innovations in teaching and learning at all levels of science, technology, engineering, and mathematics (STEM) education. As a national network of learning environments, resources, and partnerships, NSDL seeks to serve a vital role as STEM educational cyberlearning for the nation, meeting the informational and technological needs of educators and learners at all levels. Educators need efficient and reliable methods to discover and use science and math materials that help them meet the demands of instruction, assessment, and professional development in an increasingly complex technology-based world. NSDL provides an organized point of access to: -High-quality STEM content aggregated from a variety of other digital libraries, NSF-funded projects, and NSDL-reviewed web sites. -Services and tools that enhance the use of this content in a variety of contexts. NSDL is designed primarily for K-16 educators, but anyone can access NSDL.org and search the library at no cost. Access to most resources discovered through NSDL is free; however, some content providers may require a login, or a nominal fee or subscription to retrieve their specific resources. NSDL serves as a nexus for educators, researchers, policy makers and the public by building bridges: -Between private sector and public interests by providing access to resources such as publisher" journal articles, teacher-created lesson plans and real-time data sets from scientists - Between the scientific, research and educational communities by applying advanced technologies to stimulate new ways for educators and learners to access and use scientific information -Between teachers and learners at all levels, in all locations by supplying content and tools in open-access, non-proprietary formats in an easily accessible online environment. Sponsors: This work supported by the National Science

Foundation under Grant No. 0733600, Grant No. 0424671, Grant No. 0227648, Grant No. 0227656, and Grant No. 0227888.

Synonyms: NSDL

Resource Type: training resource, service resource, workshop, training service resource

Keywords: education, engineering, collection, cyberlearning, digital, learn, library, math, mathematics, metadatabases and directories, science, scientific, service, teach, technology

Resource Name: NSDL: The National Science Digital Library

Resource ID: SCR_008215

Alternate IDs: nif-0000-21294

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260810T040452+0000

Ratings and Alerts

No rating or validation information has been found for NSDL: The National Science Digital Library.

No alerts have been found for NSDL: The National Science Digital Library.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ganesh V, et al. (2026) Optimized intrusion detection using particle swarm optimization and neural networks in simulated and physical network environments. MethodsX, 16, 103824.

Walsh JP, et al. (2011) Online teaching tool simplifies faculty use of multimedia and improves student interest and knowledge in science. CBE life sciences education, 10(3), 298.

Bowman K, et al. (2011) Dual use issues in the life sciences: challenges and opportunities for education in an emerging area of scientific responsibility. CBE life sciences education, 10(1), 3.