UCAR Office of Programs (UOP)
Education Programs

Board of Trustees
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Director
NSDL Resource Center
UOP: A Strategic Approach to Community Needs

• Education
• Community Building
• Service
• Innovation
UOP Programs

- Cooperative Program for Operational Meteorology, Education, and Training (COMET) – 1990
- National Science Digital Library (NSDL) – 2000
- Digital Learning Sciences (DLS) – 2007
  (DLESE – 2000)
- Unidata – 1983-84
- Visiting Scientist Programs (VSP) – 1985
- GLOBE – 1994-95
• COMET - Cooperative Program for Operational Meteorology, Education, and Training
  Created in 1990 to support the modernization of the National Weather Service, it now serves atmospheric and geoscience. 70,000 registered users including 20,000 from 200 countries.

• DLS – Digital Learning Sciences
  Develops systems and services that enable science and education organizations to organize, manage, and enrich online resources to improve their outcomes and engage learners. A collaboration of UCAR, the NCAR library and the Institute of Cognitive Sciences at the University of Colorado. DLS has arisen from DLESE, the Digital Library for Earth System Education
• NSDL – National Science Digital Library
A national network of learning environments, tools, and resources for STEM education at all levels. NSF's STEM education library, it is a collaborative, distributed community of partners extending from K-12 through universities, professional associations, publishers, states and school districts, among others.

• GLOBE - supports hands-on K-12 science and education. An international community of students, teachers and community members engaged in the study of Earth's dynamic environment. 1.5 million GLOBE students have taken significant measurements in 22,000 schools in 110 countries.
• Unidata - Provides data services, tools and cyberinfrastructure to over 260 institutions worldwide. Over 100,000 US university students are exposed to Unidata products each year. A 2008 survey of a dozen doctoral programs estimated that more than half of the graduate students used Unidata systems in their research.

• VSP – Visiting Science Program - supports the science community with programs that develop the next generation of scientists, lead to advances in research and provide efficient opportunities for collaboration. VSP partners with universities and government agencies to manage fellowship and visitor programs, including workshops and colloquia.