

# NSDL

## The National SMETE\* Digital Library

\*Science, Mathematics, Engineering, & Technology Education

An early report on an initiative of the  
**National Science Foundation**  
by grantees from the  
“Core Integration System” track

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## NSDL Is a New Program (7 months old)

- In 2000, 42 awards, along 4 tracks:
  - Collections
  - Services
  - Research
  - Core Integration System
- Progress on numerous fronts, including
  - How prior NSF investments in digital-libraries will transform SMET education across the nation
  - How these diverse efforts will be made coherent...

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## Today's Presentations

A snapshot of some core integration pilots & their contributions to the larger NSDL effort

- Digital Library for Earth System Education
  - Organizational foundations; scientific data access in NSDL
- SMETE.ORG
  - Federated searching/shared services among educational partners
- University of Missouri
  - Federated searching, w/ support for mediated querying
- Columbia University
  - Rights-based metadata to support various business models
- Cornell University
  - Metadata harvesting & flexible portals, using RSS channels