e Science Portal for Librarians
A Librarian's Link to eScience Resources

http://esciencelibrary.umassmed.edu

The e-Science Portal is a resource for librarians, library students, information professionals, and interested individuals to learn about and discuss:

- Library roles in e-Science
- Fundamentals of domain sciences
- Emerging trends in supporting networked scientific research
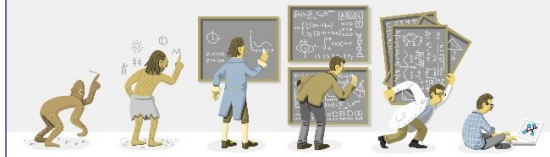
Research Environment

Science Primers

What is open science?

"science carried out and communicated in a manner which allows others to contribute, collaborate and add to the research effort, with all kinds of data, results and protocols made freely available at different stages of the research process."

Research Information Network, Open Science case studies
www.rin.ac.uk/our-work/data-management-and-curation/open-science-case-studies
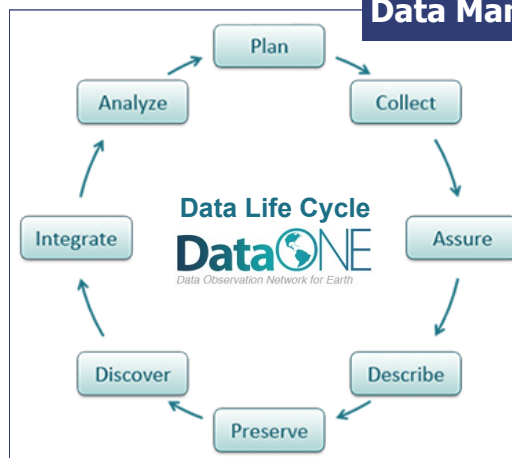
Getting Started in e-Science

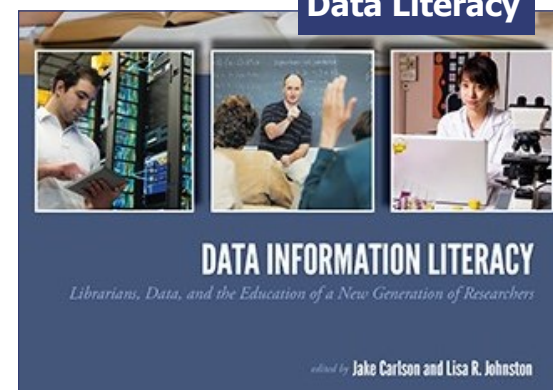### Preparing eScience Librarians for Managing Research Data

Data Management

Data Life Cycle
Plan, Collect, Assure, Describe, Preserve, Discover, Integrate, Analyze
DataONE — Data Observation Network for Earth

Data Literacy

DATA INFORMATION LITERACY
Librarians, Data, and the Education of a New Generation of Researchers
edited by Jake Carlson and Lisa R. Johnston

e-Science Thesaurus

Term, Activity, or Concept	See Also
Altmetrics	Citing Data, Data Publication
Assigning identifiers to data	Citing Data, Data Citation, Linking data to publications
Citing Data	Data Citation, Linking data to publications
Creating data management research guides	Data Management Plan
CTSA-related data services	Data Sharing
Cyberinfrastructure	Data Curation, Data Repository, e-Science, Fourth Paradigm
Data	Data Citation, Data Curation, Data Lifecycle, Data Publication, Research Data Management
Data Citation	Altmetrics, Citing Data, Data Publication, Data Reuse, DataCite, Linking data to publications
Data Curation	Data Management Plan, Digital Curation, Writing a data management plan
Data Curation Profiles Toolkit	Data Curation, Digital Curation Lifecycle Model
Data Dictionary	Data Repository, Describing and annotating data, Writing a data management plan
Data Interview	Data Curation Profiles Toolkit, Writing a data management plan
Data Lifecycle	Digital Curation Lifecycle Model, Graduate Student Lifecycle, Research Lifecycle
Data Literacy	Teaching data literacy

Sponsored e-Science Programs:

We encourage community involvement through portal comments, discussions, contributions and attending events. Join the conversation and participate in many regional data science events and programs!

New England Area Librarian e-Science Symposium

SCIENCE BOOT CAMP FOR LIBRARIANS

NECDMC

Journal of eScience Librarianship

new england rdm roundtable