Towards Broader Access: Developing the UCAR Institutional Repository

Terry Murray
Manager, NCAR Library Operation

Presentation to the UCAR Academic Affiliates
October 14, 2008
Action Item

• Investigate cost of providing access to NCAR Library journals/databases to Academic Affiliates
  – Web of Science identified as highest need
  – Survey response poor; library staff performed audit of AA access to journals and databases

• Publishing landscape altered dramatically in past 12 months; more support for open access
NIH Public Access Policy

• Researcher driven
  – Effective April 7, 2008, all investigators who are funded by NIH in whole or in part must submit their peer-reviewed journal articles to PubMed Central upon acceptance for publication. These articles will be made publicly available on PubMed Central within 12 months of the publication date.
Harvard Open Access

- Faculty driven
  - Effective February 12, 2008, faculty voted to give the University a worldwide license to make each faculty member’s scholarly articles available and to exercise the copyright in the articles, provided that the articles are not sold for a profit.
Institutional Repository Approach

• Repositories preserve the intellectual assets of the organization and make their contents freely available through open access.
  – Contain non-refereed preprints, refereed postprints, institutional documents, such as annual reports, technical notes, meeting minutes, newsletters, etc.
  – Belong to institutions, such as universities and laboratories, or disciplines, such as physics and economics
  – Authors archive their preprints of peer-reviewed articles without anyone else's permission
    • a majority of journals already permit authors to archive postprints
Top 20 Journals in which NCAR Scientists Publish

Descending Order

1972 to Present

Publisher (8)

2. Journal of the Atmospheric Sciences AMS
4. Monthly Weather Review AMS
5. Bulletin of the American Meteorological Society AMS
6. Geophysical Research Letters AGU
8. Journal of Climate AMS
10. Transactions-American Geophysical Union AGU
11. Journal of Applied Meteorology AMS
12. Science AAAS
13. Atmospheric Environment Elsevier
15. Climatic Change Springer
17. Journal of Physical Oceanography AMS
18. Journal of Atmospheric and Oceanic Technology AMS
20. Astronomy and Astrophysics Springer
Conduct of Scientific Research

- Example: MIRAGE
  - Cross divisional
  - Data collection
  - International collaborators
  - NCAR facility use
  - Publication output
  - Web presence
  - Outreach and exhibits
What this means to the AAs

- IR approach supports open access for AA members and their students to NCAR science
http://www.ucar.edu/library/
Warren Washington Digital Archive

http://www.ncar.ucar.edu/washington/
NSF announces NCAR as new host of DLESE!

Dear DLESE Community Members:

NCAR has announced the National Science Foundation (NSF) as the new host for the Digital Library for Earth System Education (DLESE).

As part of this transition, we are seeking the active participation of an engaged community of users, developers, and contributors. On behalf of current and future users of DLESE, I want to thank you for your support during this time of transition. I would also like to recognize the National Science Foundation for its support of our planning process and eventual hosting recommendation.

Sincerely,
Mary R. Martino
Director, e-Science and the NCAR Library
National Center for Atmospheric Research

Posted January 9, 2008.