Access and Preservation Workgroup

I. A cacophony of lenses
II. Clarifying scope and terms
III. What’s happening around us
IV. Aspirational goals / focus
V. Next steps
Our journey
Challenges Identified

- Unclear stakeholder roles - poorly coordinated and inconsistent priorities.
- Need to align aspirations with reality.
- Much wasteful low-quality redundancy vs. high-quality hubs.
- Key data and software not saved/preserved/available.
- Need to raise quality and coverage.
- Need to raise coordination among repositories (preservation, discoverability, etc.)
- Some best practices emerging for individual standards and collaborative examples.
- Moving funding from project/grant to sustainable models.
- Haphazard practices/decisions around priorities on what to keep/steward.

Solutions must focus on Workflow and Coordination
Getting to Definitions

*Lack of common terminology is a recurring obstacle*

**Preservation**: a function;
Protection of an object to ensure its integrity and accessibility for future use

**Repositories**: a tool;
Multiple functions with managed relationships, workflows, and standards between them to support preservation and access

**Scholarly Record**
What are the categories, what do we preserve?
Theme I: From an Illusion of Order...

Old Model: Single type of content; single mode of distribution
...to a world where the illusion is shattered

Many repositories

Many roles

Many stakeholders

Islands of best practices

Poor coordination

Theme II: From Isolated Repositories...

The Current State of Play:
Lots of isolated digital collections all susceptible to multiple single points of failure
...to the Emerging Access/Preservation Stack

Access
Search and Discovery

Distribution
Making content available under specified conditions

Aggregation
Leveraging economies of scale and attention (discipline repositories, national libraries)

Curation
Quality Control (content, standards, exportable)

Dark diverse replication
Verified copies distributed across organizations, geography, etc. (CLOCKSS, MetaArchive, DPN)
How do we coordinate, organize, & move forward?

Across sector, international, funding realities

commercial academia nonprofits government

societies national frameworks funding structures

Where does OSI fit within other efforts?

Discipline efforts Research Data Alliance Force Thousands Others
Confederation of Open Access Repositories (COAR) Open Repositories PA-SIG DuraSpace Belmont Forum
SPARC/SPARC Europe COPDESS
Toward these ends

Scholarly knowledge, key research outcomes, and digital and material scholarly resources:

- are a world heritage
- and should be credited, preserved, open, and accessible
- as soon as possible
- as well as for future generations
- in ways that optimize quality, discoverability, provenance, and ease of adoption and use.
- This preservation is an integral responsibility of scholars, data stewards, sponsoring institutions, and society.

Next Steps

• **Clarify** opportunities via UNESCO, WSIS
• **Coordinate** among meta-organizations (e.g. COAR, CLIR/DLF)
• **Sustain** stewardship
  • Investment
  • Endow repositories
• **Support** aggregation driven by preservation concerns
  • Electronic legal deposit (UK)
  • Portico, Chronopolis, APTrust, DuraSpace
  • DPN, MetaArchive Cooperative, CLOCKSS
• **Build** Ecosystem/workflows to ensure long-term access & preservation
  • Germany - Domain repositories connected to national library
Work Group

Agathe Gebert, Open Access Manager, GESIS-Leibniz-Institute for the Social Sciences
Brooks Hanson, Director of Publications, American Geophysical Union
James Hilton, University Librarian and Dean of Libraries, Vice Provost for Digital Education and Innovation, University of Michigan
Joyce Backus, Associate Director for Library Operations, National Library of Medicine, National Institutes of Health
Christina Drummond, Director of Strategic Initiatives, Educopia Institute
Maryann Martone, Director of Biosciences, Hypothes.is, and President, FORCE11
Richard Ovenden, Bodley’s Librarian, Bodleian Libraries, University of Oxford
Robert Cartolano, Vice President for Digital Programs and Technology Services, Columbia University
Sarah Michalak, Associate Provost for University Libraries and University Librarian, University of North Carolina Chapel Hill (UNC)
Sarah Pritchard, Dean of Libraries, Northwestern University
Rita Scheman, Director of Publications and Executive Editor, American Physiological Society