

# 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

Other

# Wish List for OSI 2016

# Parking Lot

Great ideas for later Future OSI

OSI 2016 Group should focus on digital

OSI 2016 Problem of scholarly cycle of products

OSI 2016 Prioritizing needs to happen date

Describe Desired state

Describe current state

OSI 2016 Coordinated networks - help quality of life

Sharing data is interdependent

Define network ecosystem

Enhancing self-funding and funding mandates

Define layers stack

OSI 2016 DPLATS discovery layer

Define network ecosystem

Definition of components of generative infrastructure

OSI 2016 Organized by format? workflow?

Funding

Openness

Coordination is needed among stakeholders

OSI 2016 Money - Limited resources

Need more if inaction and pres

OSI 2016 Reportorial on exp. funding

Who is best placed to provide

More cooperation at equities

More academic & experience

existing initiatives

Stakeholder groups

OSI 2016 Digital 'sets' bank needed

OSI 2016 categorizing data by metadata to preserve

preserve software

20 year Goals

OSI 2016 Take broad view of who should be involved

OSI 2016 Who are the stakeholders

OSI 2016 Still starting out, strategic PRINT - Preserve

Future view - what should be

OSI 2016 Labs retention - save or not?

OSI 2016 search out 2016 level nation is low on best achievements

Identify issues that cut across (e.g. pricing)

rights management

for a few case studies

for "open freely accessible" stuff

Identify Core Values

intentional network interdependence

OSI 2016 Need Durable Access

preservation & reuse

Lacking interoperability

OSI 2016 Archival - dark or light open

-data store - repository - archive

OSI 2016 Timing of open

OSI 2016 Print is major - but parallels to print history

# 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;

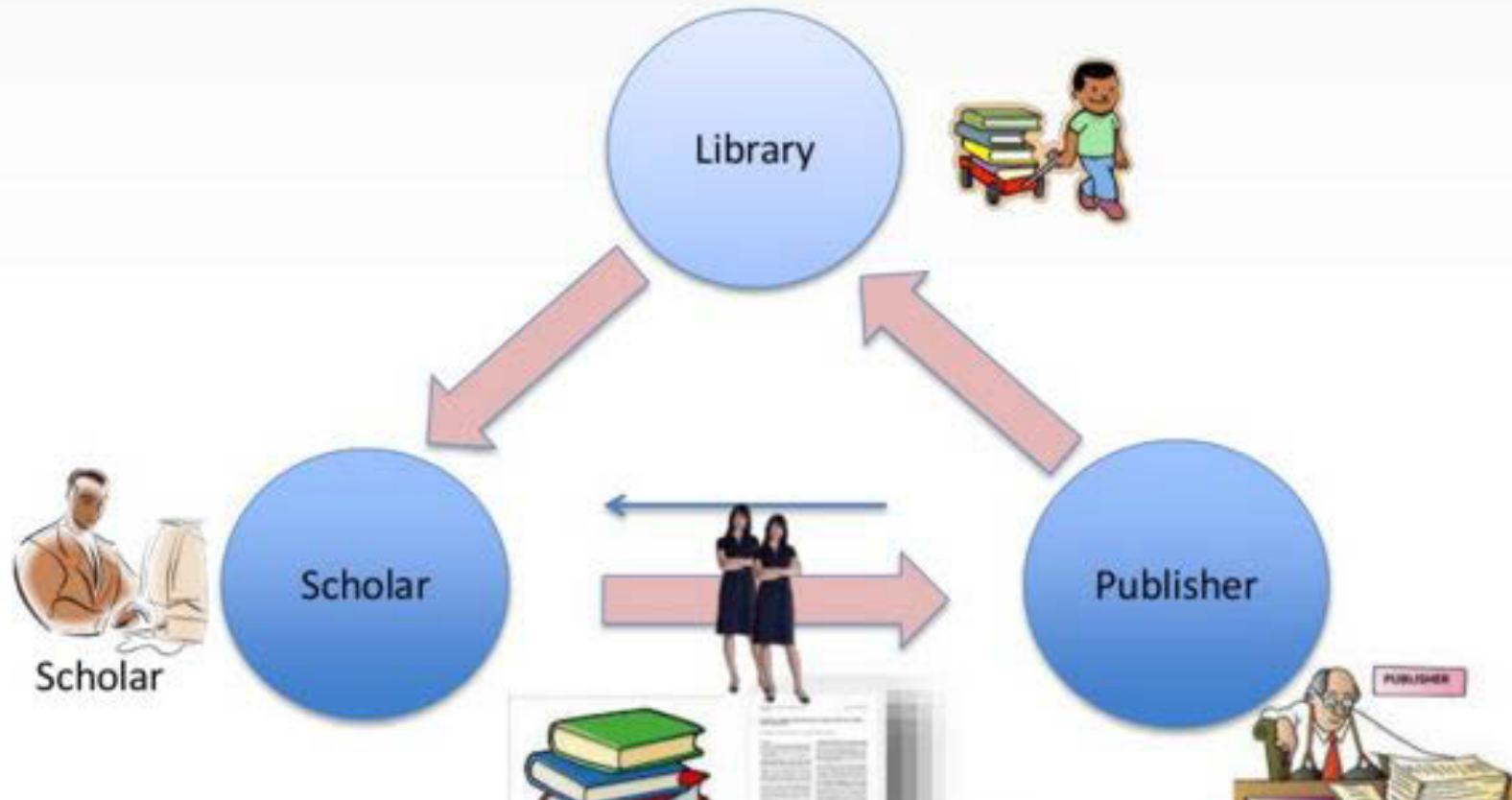
Multiple functions with managed relationships, workflows, and standards between them to support preservation and access

**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

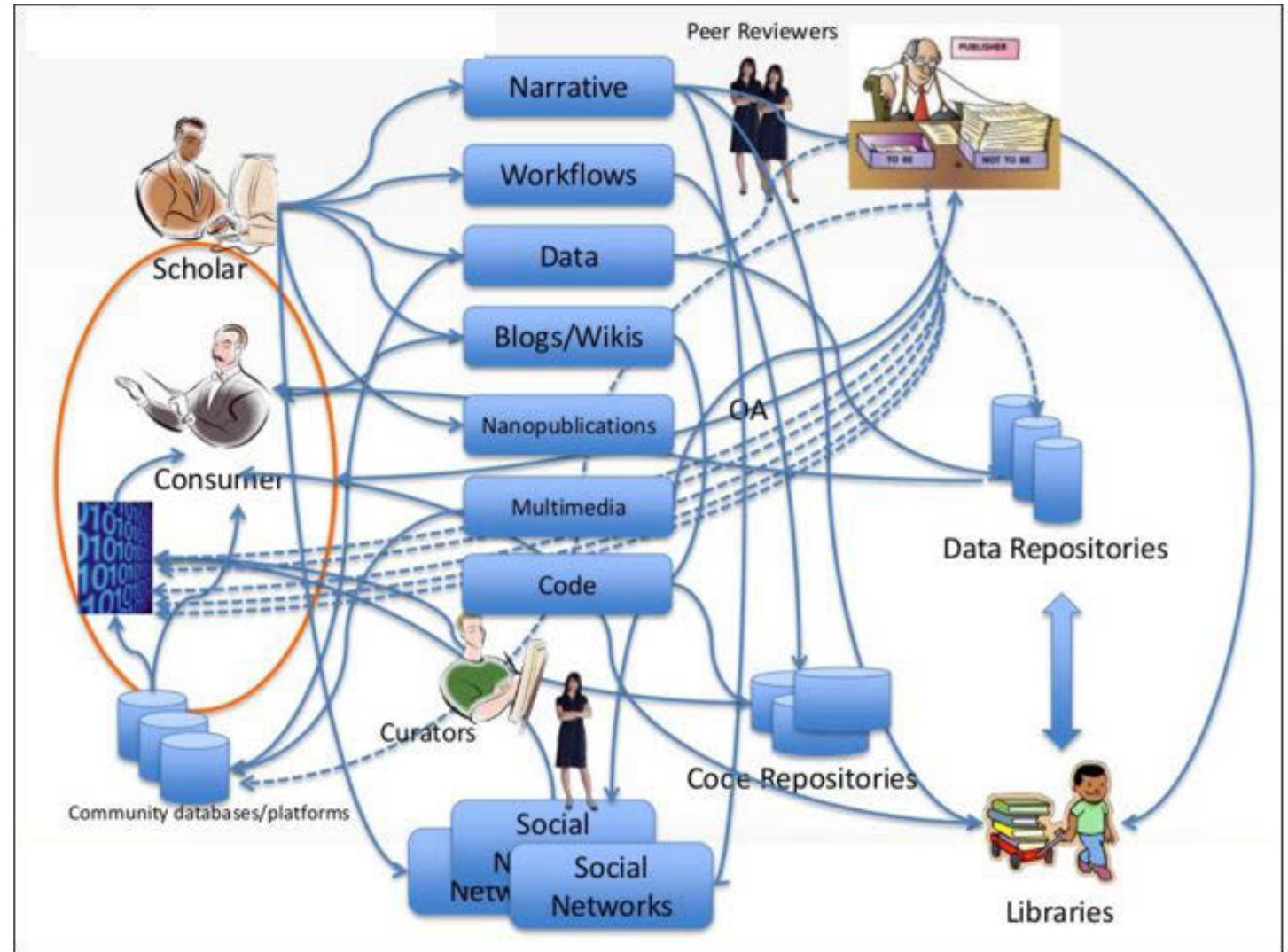
Many repositories

Many roles

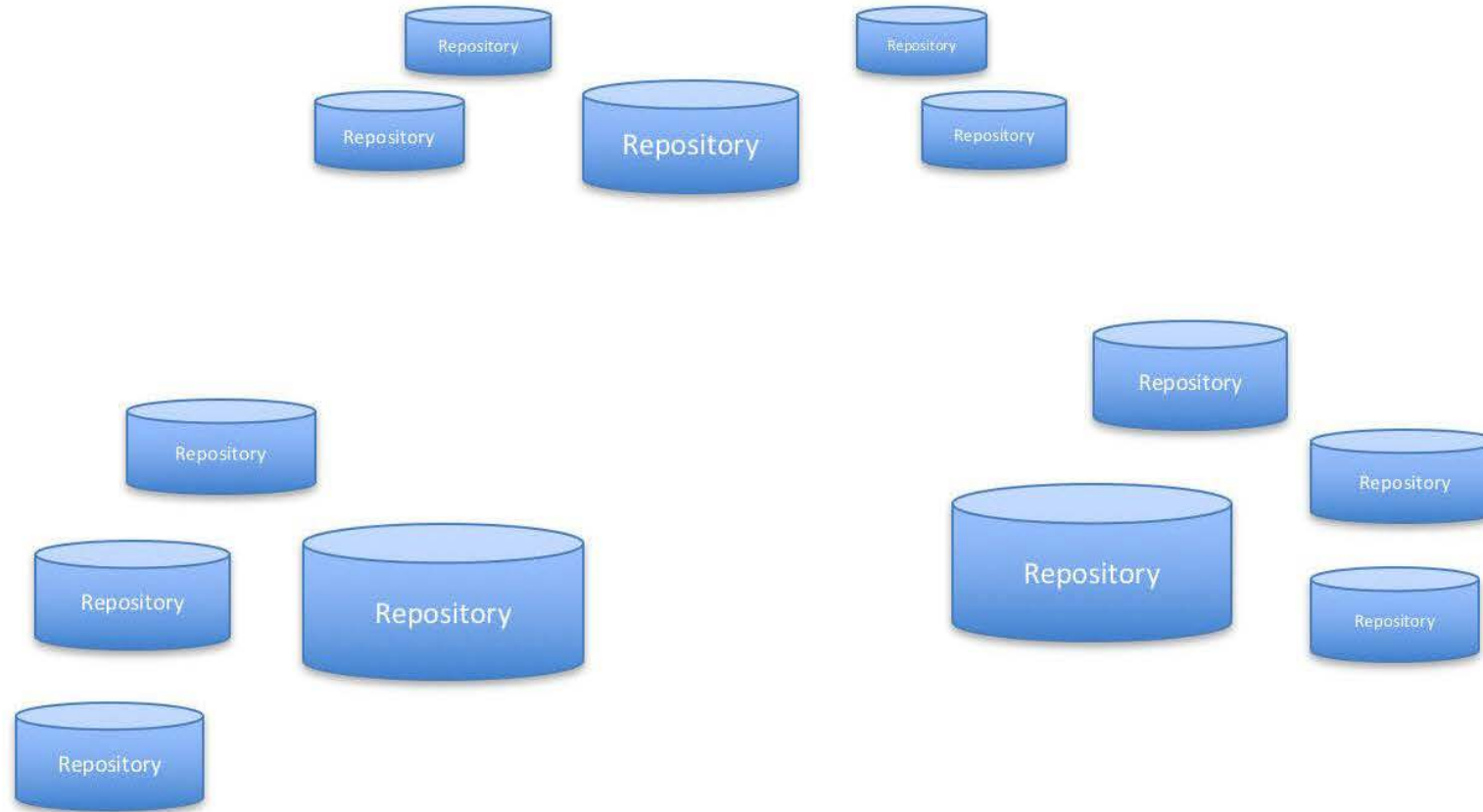
Many stakeholders

Islands of best practices

Poor coordination

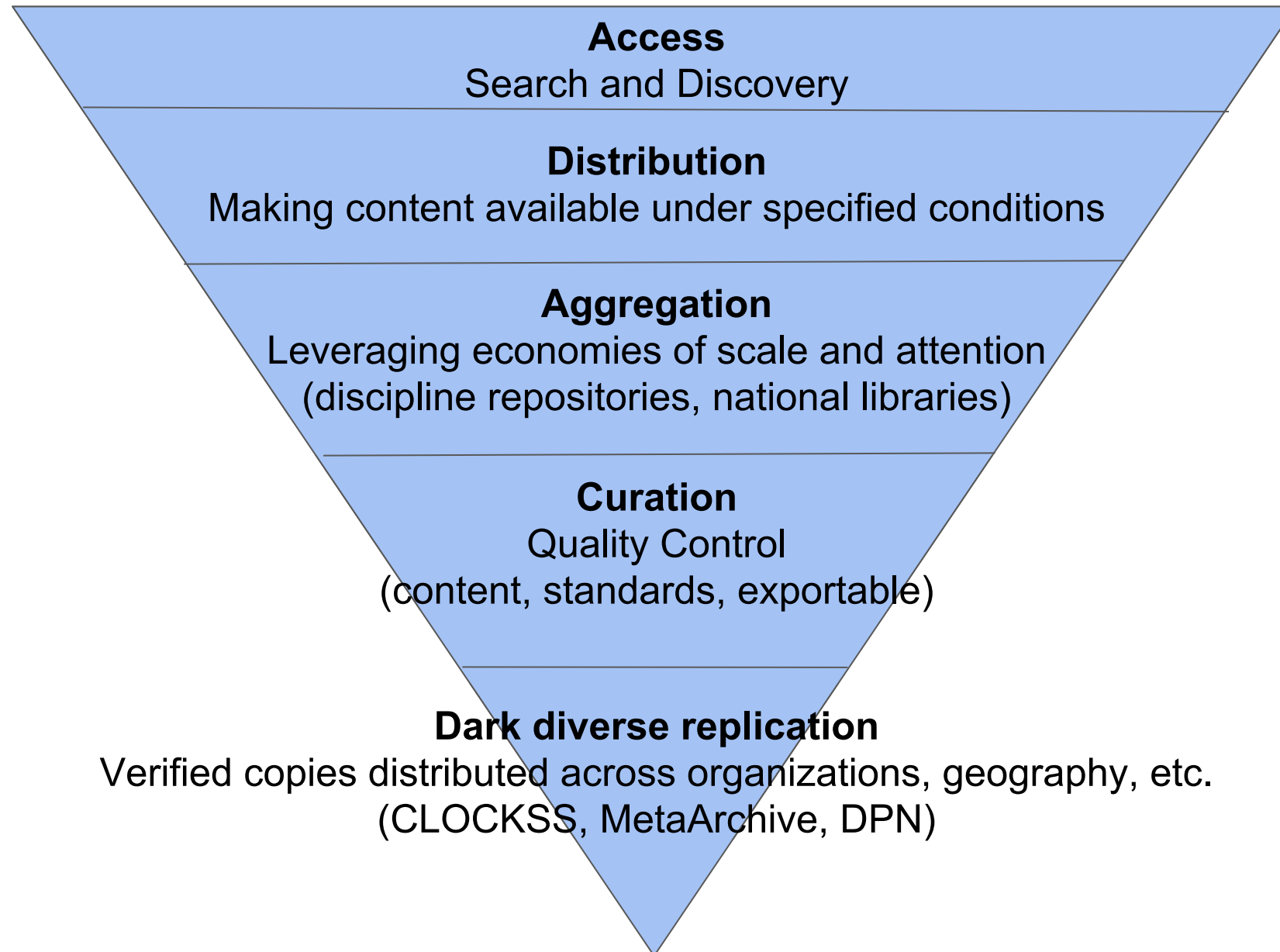


# Theme II: From Isolated Repositories...



The Current State of Play:  
Lots of isolated digital collections all susceptible  
to multiple single points of failure

# ...to the Emerging Access/Preservation Stack





# Where does OSI fit within other efforts?

Discipline efforts      Research Data Alliance      Force      Thousands Others  
Coalition for Open Access Repositories (COAR)      Open Repositories      PA-SIG      DuraSpace      Belmont Forum  
SPARC/SPARC Europe      COPDESS

***How do we coordinate, organize, & move forward?***

*Across sector, international, funding realities*

commercial      academia      nonprofits      government  
societies      national frameworks      funding structures

# 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 Repository Manager, GESIS-Leibniz-Institute for the Social Sciences

Brooks Hanson, Director of Publications, American Geophysical Union

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