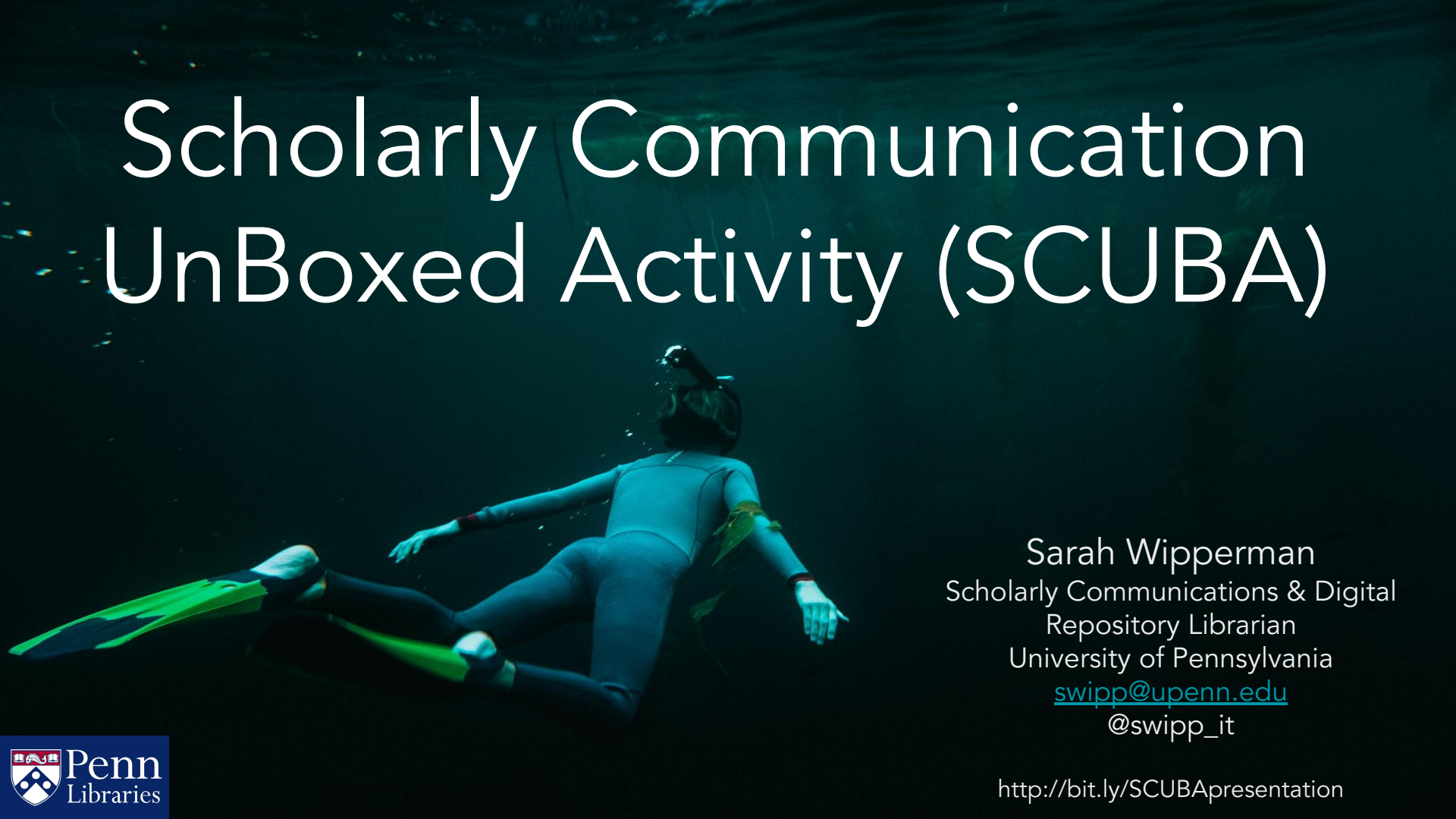
Scholarly Communication UnBoxed Activity (SCUBA)



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http://bit.ly/SCUBApresentation

Penn Libraries

History of SCUBA

Data management

Mapping & spatial data




Digital Scholar-ship



Scholarly communication

Digital Humanities

Changing approaches to the IR

Tool → Service → **Need**

Tool → Service

Tool → Service

Tool → Service

Need

Need

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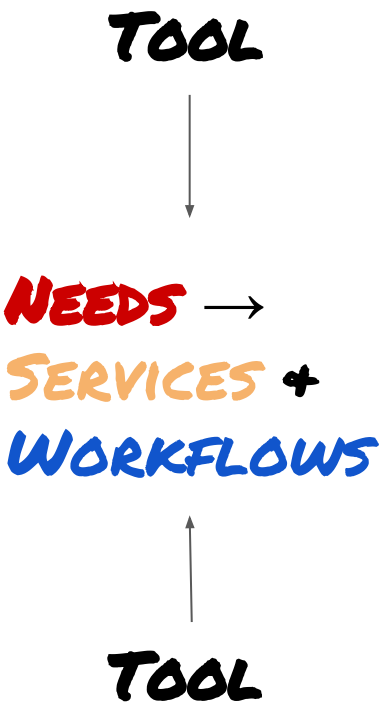

Elsevier acquires bepress, a leading service provider used by academic institutions to showcase their research

Bepress to benefit from Elsevier's technology and analytics to expand offerings to more institutions, while helping Elsevier drive further adoption of its research data management tools

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Elsevier acquires bepress

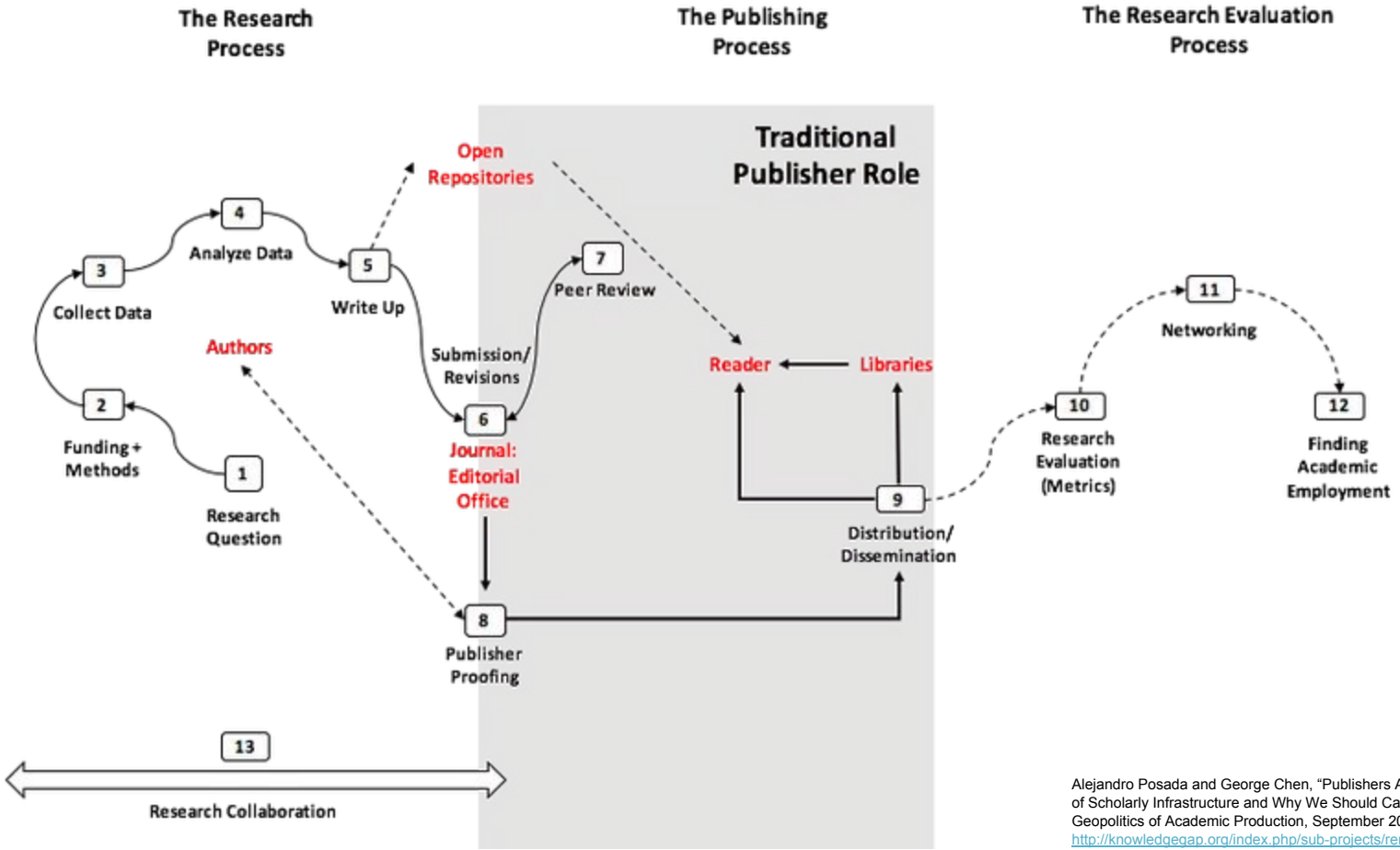
New York, August 2, 2017

Elsevier, the global information analytics business specializing in science and health, today acquired bepress ↗ , a Berkeley, California-based business that helps academic libraries showcase and share their institutions' research for maximum impact. Founded by three University of California, Berkeley professors in 1999, bepress allows institutions to collect, organize, preserve and disseminate their intellectual output, including preprints, working papers, journals or specific articles, dissertations, theses, conference proceedings and a wide variety of other data.

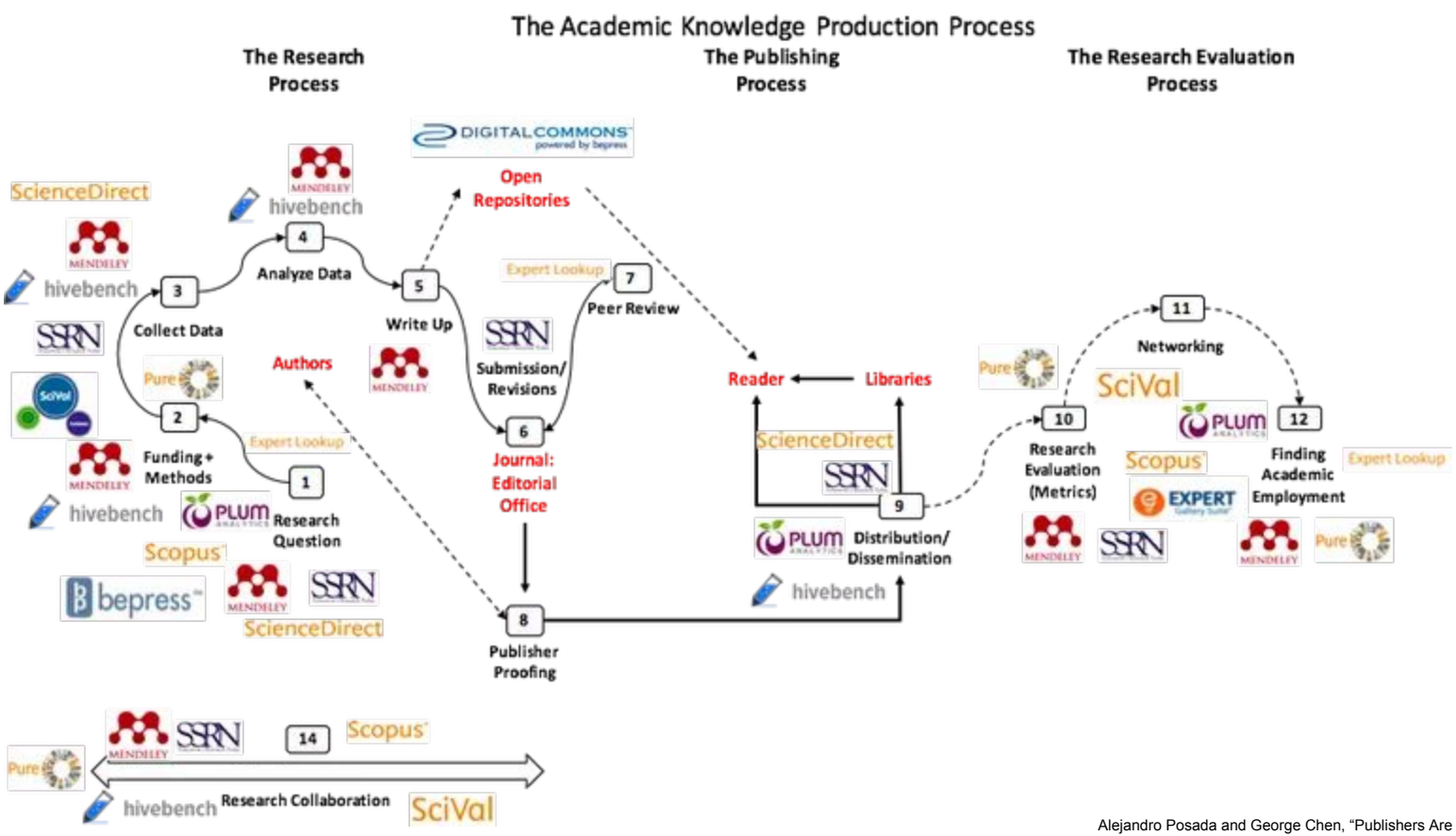
"Academic institutions want to help researchers share their work, showcase their capabilities and measure how well they're performing," said Jean-Gabriel Bankier, bepress CEO. "Now with Elsevier we'll be stronger and better by applying more technologies and data and analytics capabilities to help more institutions achieve their research goals."

Showcasing research is critical as competition increases among institutions to secure funding and attract faculty and students. By joining Elsevier, bepress will be better able to address institutions' promotional needs, such as attracting students, faculty and grants, and preserving research data and outputs. Elsevier's suite of research

The Academic Knowledge Production Process



Alejandro Posada and George Chen, "Publishers Are Increasingly in Control of Scholarly Infrastructure and Why We Should Care," The Knowledge Gap: Geopolitics of Academic Production, September 20, 2017, http://knowledgegap.org/index.php/sub-projects/rent-seeking-and-financialization-of-the-academic-publishing-industry/preliminary-findings/.



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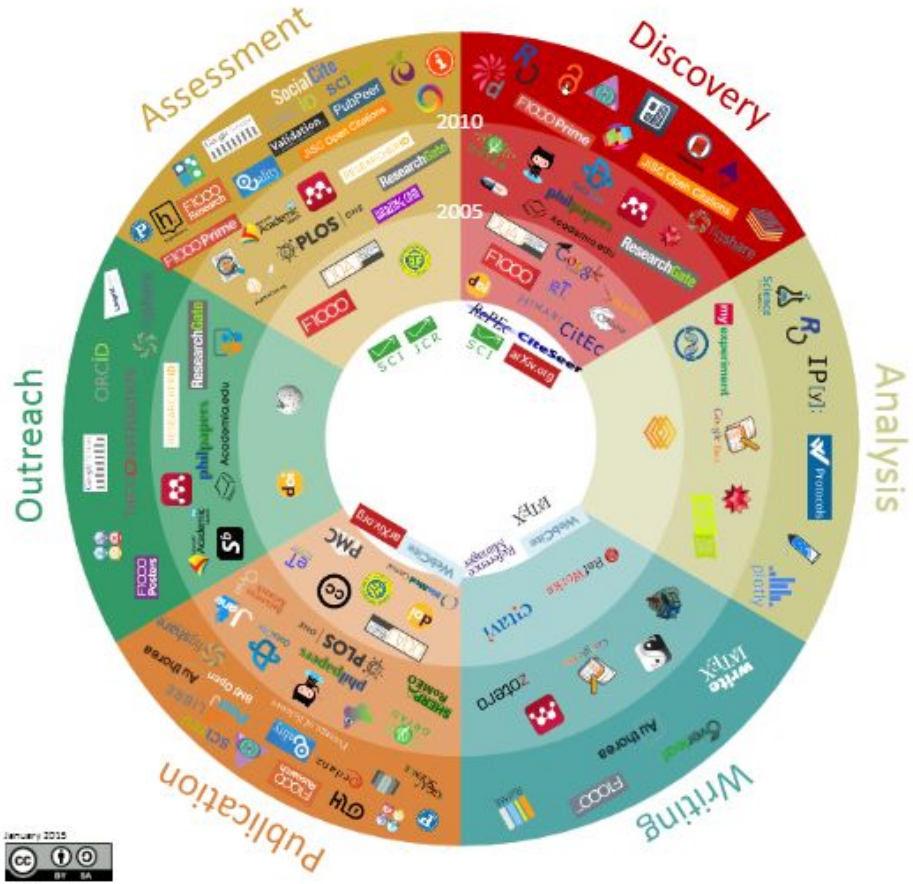
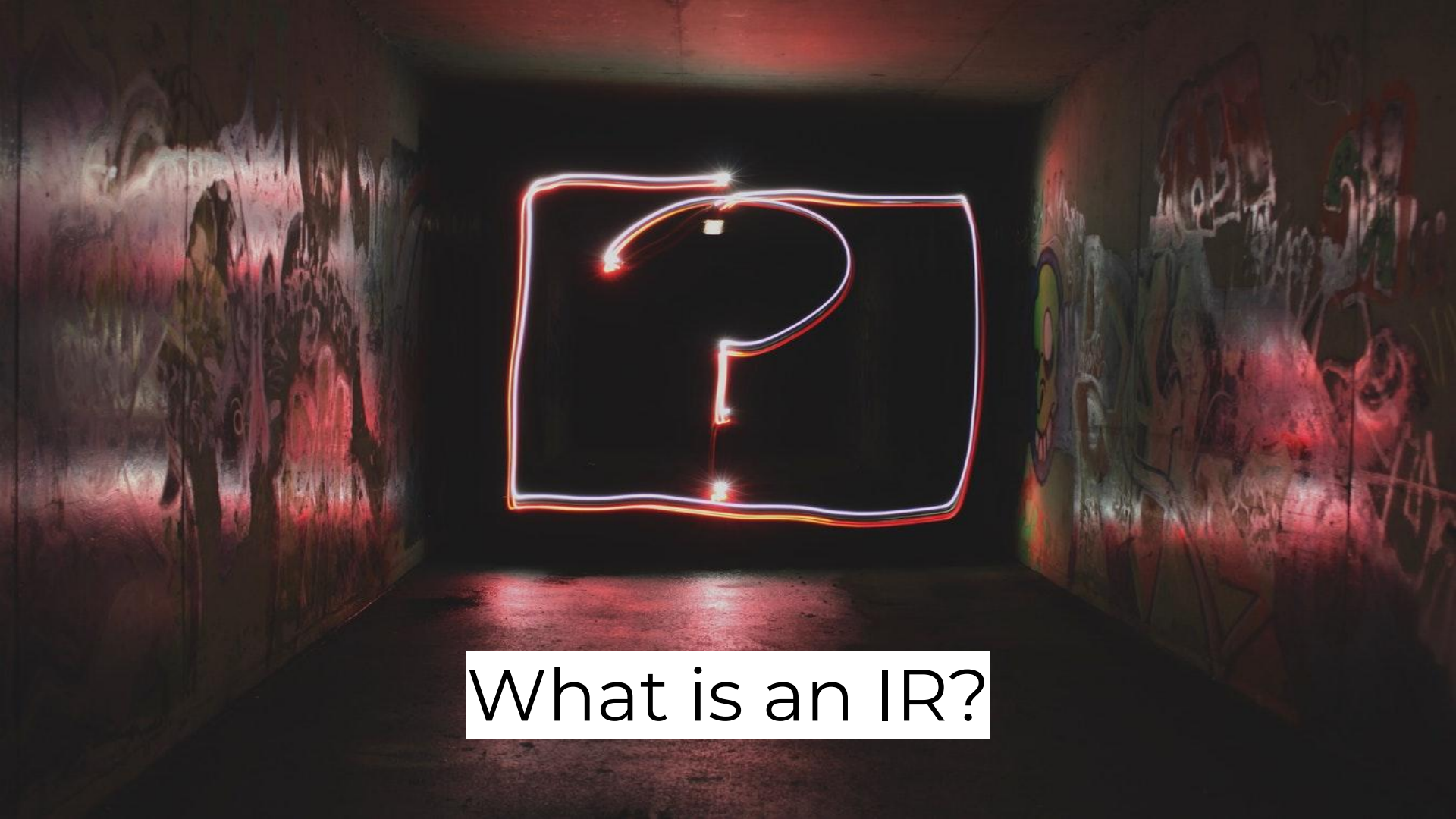
101 Innovative tools and sites in 6 research workflow phases (< 2000 - 2015)



Most important developments in 6 research workflow phases

	Discovery	Analysis	Writing	Publication	Outreach	Assessment
Trends	social discovery tools	data-driven & crowdsourced science	collaborative online writing	Open Access & data publication	scholarly social media	article level (alt)metrics
Expectations	growing importance of data discovery	more online analysis tools	more integration with publication & assessment tools	more use of "publish first, judge later"	use of altmetrics for monitoring outreach	more open and post-publication peer review
Uncertainties	support for full-text search and text mining	willingness to share in analysis phase	acceptance of collaborative online writing	effect of journal/publisher status	requirements of funders & institutions	who pays for costly qualitative assessment?
Opportunities	discovery based on aggregated OA full text	open technics	semantic tagging while writing/citing	reader-side paper formatting	using repositories for institutional visibility	using author-, publication- and affiliation-IDs
Challenges	real semantic search (concepts & relations)	reproducibility	safety/privacy of online writing	globalization of publishing/access standards	making outreach a two-way discussion	quality of measuring tools
Most important long-term development	multidisciplinary + citation-enhanced databases	collaboration + data-driven	online writing platforms	Open Access	more & better connected researcher profiles	importance of societal relevance + non-publication contributions
Potentially most disruptive development	semantic/concept search + contextual/social recommendations	open science	collaborative writing + integration with publishing	circumventing traditional publishers	public access to research findings, also for agenda setting	moving away from simple quantitative indicators

Typical workflow examples


What is an IR?

SCUBA is a blueprint for hosting events where communities work through collaborative activities designed to build a shared understanding of scholarly communications and to think together about their practices.

Why do this?

1. ***The Big Thinking Reason:*** To broaden the conversation about the role of libraries in scholarly communication and the technologies we use; to dream up as many great ideas as possible for how we might tackle a set of sticky problems

2. ***The Practical Reason****:* Most institutions are offering scholarly communications services, platforms, and tools, though the specifics are quite variable. Our needs overlap, but we often differ in our approaches and priorities. This is an opportune time to learn from one another.

SCHOLARLY COMMUNICATION UNBOXED

A Conference in a Box

Designed to spark conversation across your community about an institutional repository is, what scholarly outputs have been and could be collected by the library, and what it means to collect this scholarship.

1. Define Your Goals

Before starting the conference, think about your goals for the conference. What are some outcomes you want to leave with?

1

2. Pick Your People

Decide who will help you meet your goals and plan to invite them. Do you want only librarians, or also faculty? Just your institution or others as well?

2

3. Select Presentations

Based on your goals and audience, choose video presentations that will get you all in the right frame of mind for the event.

3

4. Select Activities

Select activities that will help you reach your goals and be appropriate for you audience.

4

5. Closing Activity

Chose or design a closing activity to aid in reflection, discussion, and action planning. Report back for future participants.

5

How to do a SCUBA

Step 1: Determine the scope - who should be involved? What do you hope to accomplish?
Step 2: Identify which videos you'll show and which activities you'll do
Step 3: Plan and hold the event and collect feedback
Step 4: Refine feedback and report back to the larger community
Step 5: Repeat as needed

What's in the Box?

http://bit.ly/scholcommunboxed