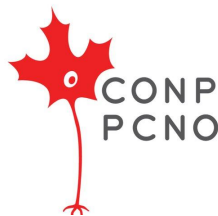


# Knowledge Dissemination and the Libraries of the Future

Violeta Ilik, Adelphi University



November 4, 2020



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Adelphi University  
November 4, 2020

# Scholarly Communication Services

Scholarly communication is the system through which research and other scholarly works are created, evaluated for quality, disseminated to the scholarly community, and preserved for future use



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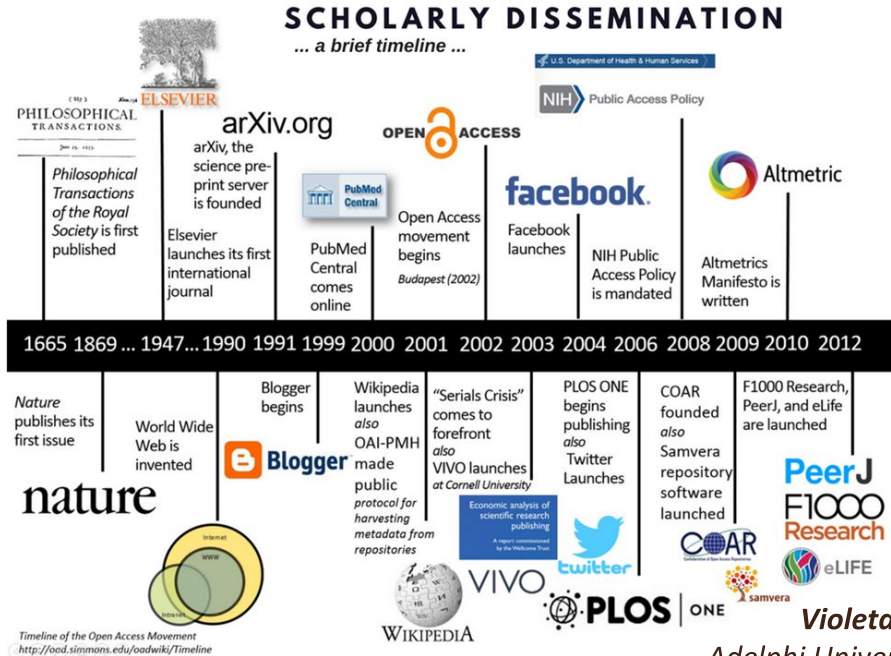
# Important directions for libraries

- Professionalize scholarship support
- Making knowledge openly and equitably available to all

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*Adelphi University*  
*November 4, 2020*

# Professionalize scholarship support

1. Helping scholars navigate their complete scholarly journey
2. Keeping up with the best ways to find information and store data
3. Advising on dissemination plan for scholarly works



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# Professionalize scholarship support

## 1. Helping scholars navigate their complete scholarly journey

- Develop successful dissemination strategies
- Manage and track publications
- Maintain an impactful online identity
- Measure and assess scholarship impact by discipline
- Give credit where credit is due
- Communicate scholarship impact to audiences

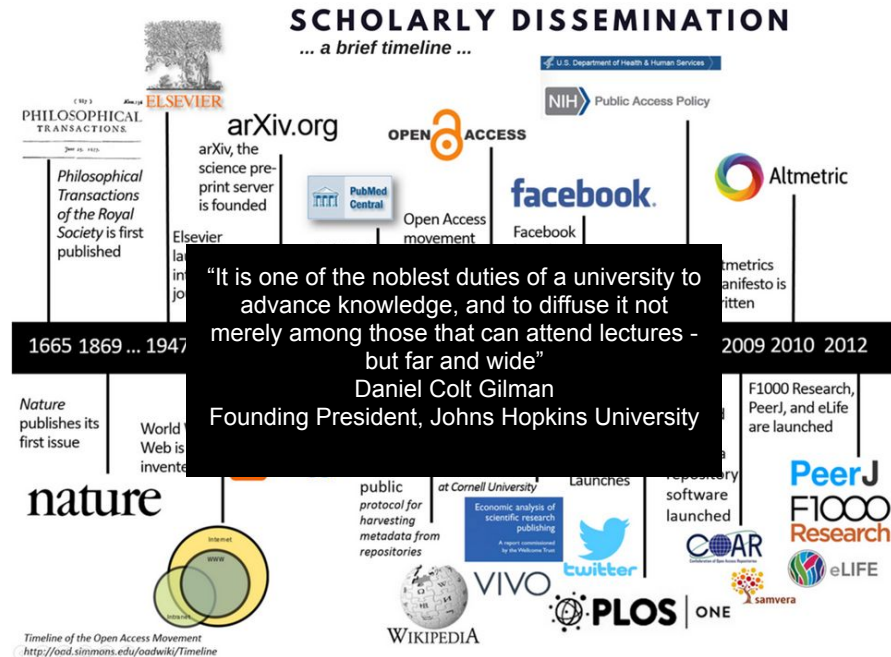


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# Professionalize scholarship support

## 1. Helping scholars navigate their complete scholarly journey

- develop successful dissemination strategies

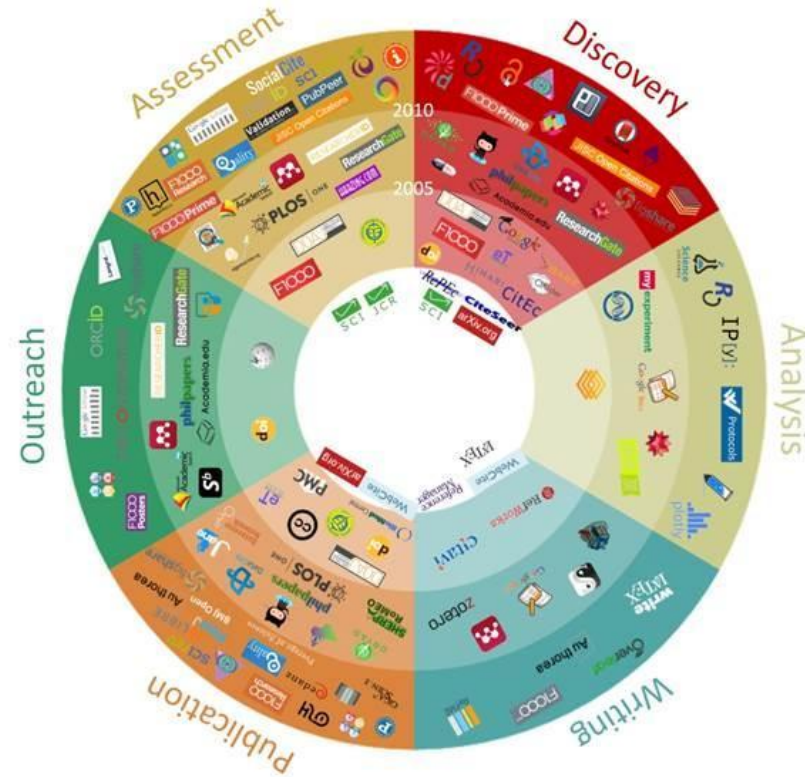


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# Professionalize scholarship support

## 1. Helping scholars navigate their complete scholarly journey

- develop successful dissemination strategies



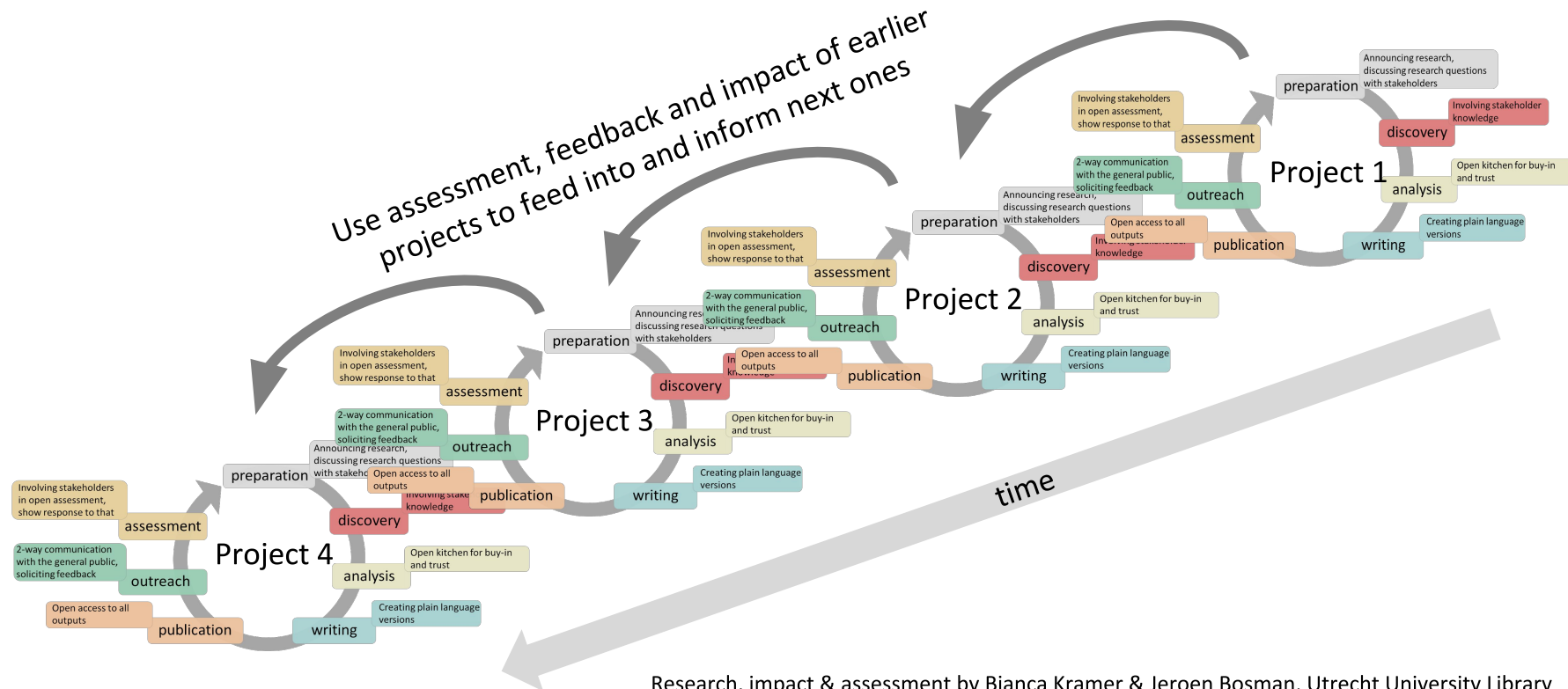
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# Impact strategy in a research programme



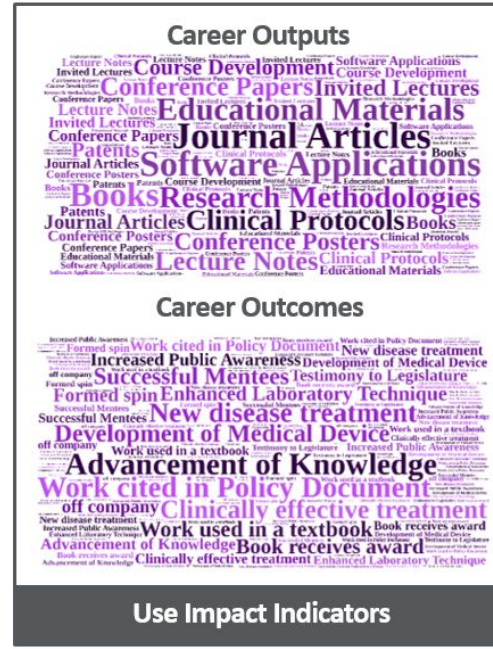
# Professionalize scholarship support

1. Helping scholars navigate their complete scholarly journey
  - maintain an impactful online identity



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1. Helping scholars navigate their complete scholarly journey
  - measure and assess scholarship impact by discipline



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# Professionalize scholarship support

1. Helping scholars navigate their complete scholarly journey
  - measure and assess scholarship impact by discipline

Advocacy



Analysis

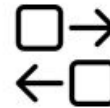


Understand the objective of the research evaluation

Accountability



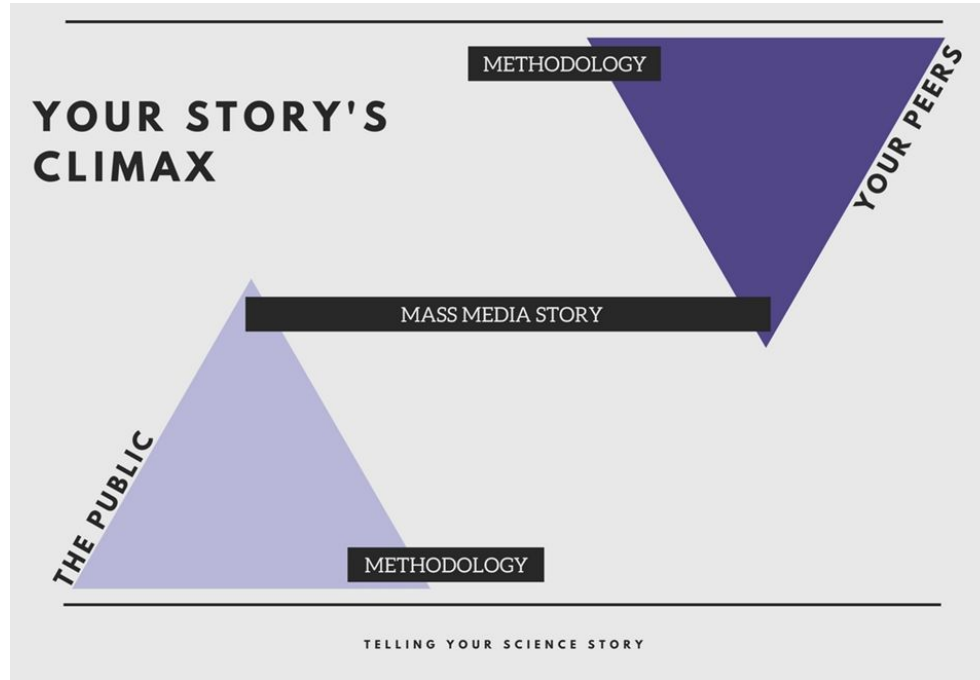
Allocation



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# Professionalize scholarship support

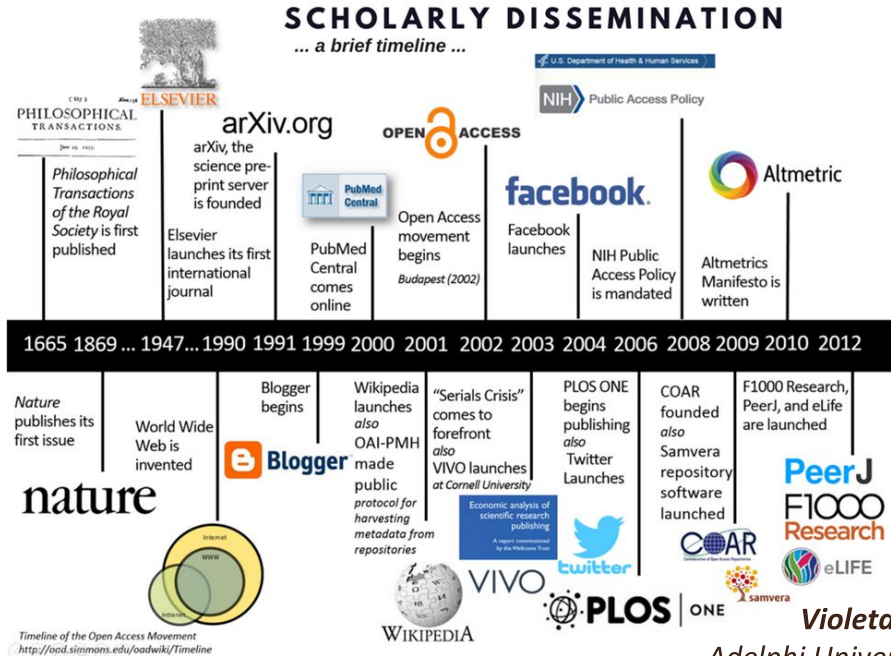
1. Helping scholars navigate their complete scholarly journey
  - communicate scholarship impact to audiences



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# Professionalize scholarship support

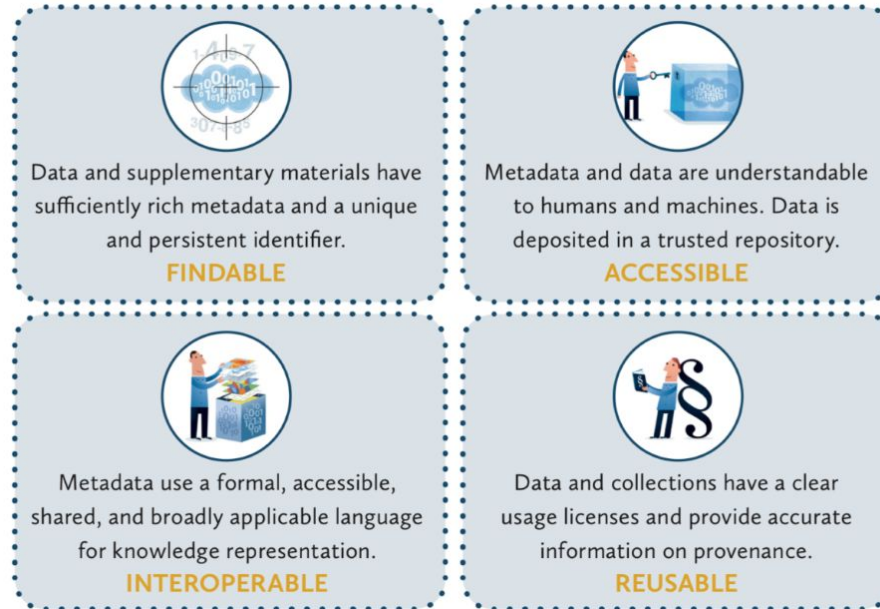
1. Helping scholars navigate their complete scholarly journey
2. Keeping up with the best ways to find information and store data
3. Advising on dissemination plan for scholarly works



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# Professionalize scholarship support

## 2. keeping up with the best ways to find information and store data



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# Professionalize scholarship support

## 2. keeping up with the best ways to find information and store data



The Future of Research Communications and e-Scholarship

ABOUT ▾ COMMUNITY ▾ CODE OF CONDUCT GROUPS RESOURCES ▾ NEWS + BLOGS ▾ EVENTS ▾

### To be Findable:

- F1. (meta)data are assigned a globally unique and eternally persistent identifier.
- F2. data are described with rich metadata.
- F3. (meta)data are registered or indexed in a searchable resource.
- F4. metadata specify the data identifier.

### TO BE ACCESSIBLE:

- A1 (meta)data are retrievable by their identifier using a standardized communications protocol.
- A1.1 the protocol is open, free, and universally implementable.
- A1.2 the protocol allows for an authentication and authorization procedure, where necessary.
- A2 metadata are accessible, even when the data are no longer available.

### TO BE INTEROPERABLE:

- I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
- I2. (meta)data use vocabularies that follow FAIR principles.
- I3. (meta)data include qualified references to other (meta)data.

### TO BE RE-USABLE:

- R1. meta(data) have a plurality of accurate and relevant attributes.
- R1.1. (meta)data are released with a clear and accessible data usage license.
- R1.2. (meta)data are associated with their provenance.
- R1.3. (meta)data meet domain-relevant community standards.

## FAIR Principles

<https://www.go-fair.org/fair-principles/>

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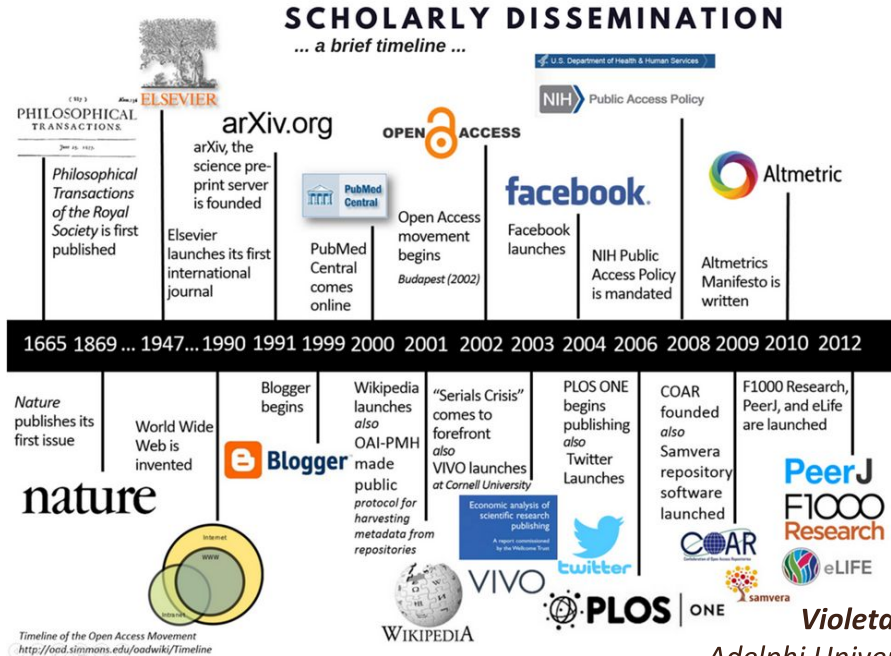
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# Professionalize scholarship support

1. Helping scholars navigate their complete scholarly journey
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# Professionalize scholarship support

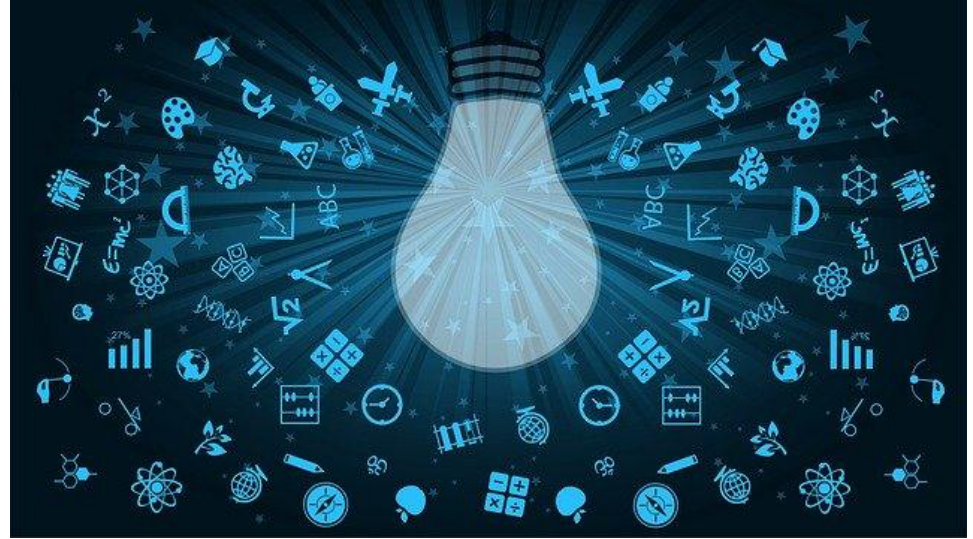
3. advising on dissemination plan for scholars' works
  - *telling your story*



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# Making knowledge openly and equitably available

- Open Access policies
- Rethinking publishing agreements
  - transform the (e)textbook space
- Tools and platforms



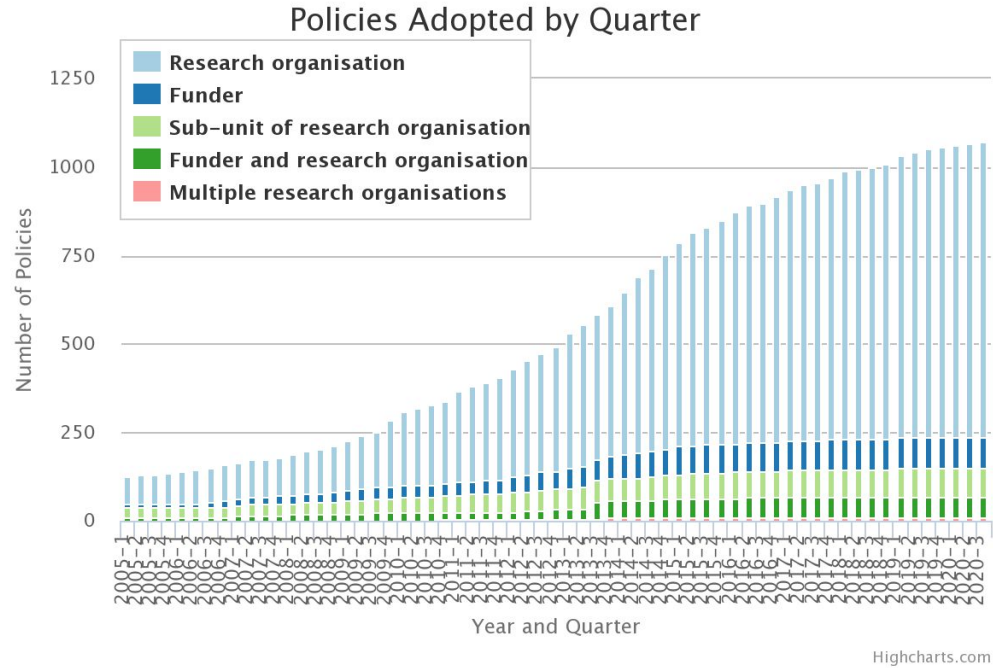
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# Making knowledge openly and equitably available

## ➤ Open Access policies



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# Making knowledge openly and equitably available

## ➤ Rethinking publishing agreements



Double dipping • Uncontrolled, independent spending • Unsustainable

# Making knowledge openly and equitably available

## ➤ Transformation of the (e)textbook space

- A better academic (e)book experience for faculty, students, researchers, society
- Open Technology Ebook Ecosystem - **sustainable, community-based open source, standards**
- Collaborate, at scale, at international level

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# Making knowledge openly and equitably available

## ➤ Transformation of the (e)textbook space

- Inconsistent user experience - multiple vendors, interfaces, technology
- Vendors developed proprietary web interfaces, proprietary mobile apps
- Licensed and open content is not available via one interface
- Content is fragmented across multiple formats, DRM and non-DRM

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# Making knowledge openly and equitably available

Tools and platforms - Institutional, disciplinary, national repositories

- Research papers
- Case reports, technical reports
- Supplemental images
- Datasets
- Open access books
- Conference papers
- White papers
- Presentations and lectures
- Educational materials
- Posters
- Video and audio materials
- and much more!



*research papers  
case reports  
technical reports*



*figures  
images  
guidelines*



*datasets  
summary statistics*



*books  
newsletters  
user guides*



*conference papers  
abstracts  
presentations*



*educational materials  
workshop resources  
and so much more...*

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The Future of Research Communications and e-Scholarship

FORCE11 is a community of scholars, librarians, archivists, publishers and research funders that has arisen organically to help facilitate the change toward improved knowledge creation and sharing. Individually and collectively, we aim to bring about a change in modern scholarly communications through the effective use of information technology.

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November 4, 2020*

"The artist is the man in any field, scientific or humanistic, who grasps the implications of his actions and of new knowledge in his own time." - Marshall McLuhan, Understanding Media, p. 65



Thank you  
Violeta Ilik

