TOWARD A NEW MODEL OF SCHOLARLY COMMUNICATION

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Presentation design: JONGPHAN CHOEMPRAYONG
AGENDA

- Then and Now
- Scholarly Communication Models
- DID Cascades Project
- Challenges and Opportunities
Who are PUBLISHERS?

- Journal of record
- Monograph publisher
- University press

Author (blogger, self-archiver, etc.)

Library/Institution (Repository)

1970

2010
What are PUBLICATIONS?

1970

Manuscripts

QUANTUM PUBLISHING (Davenport, 1995)

2010

nano scripts, micro scripts, macro scripts, mega scripts, molecular scripts, mutable scripts, mobile scripts
AUTHORIAL PRACTICES

1970

Typewriter

Print journal

Snail mail

2010
COMMUNICATIVE INTERACTION

1970  Manual circulation

Conferences

2010

Tweeting, Blogging, Tagging, Commenting
IMPACT OF WORK

ALT-METRICS ACTIVITY TIMELINES
(priem, 2012)

1970

2010

Delicious
Comments
CiteULike
Twitter
CrossRef

Days since article publication
Catalogues/print indexes
✓ ISI Databases
✓ SDI
✓ File cabinet
✓ Professional indexing

1970

Personal indexing
✓ Full-text searching
✓ Recommender systems
✓ Online reference services
✓ Tagging
✓ Crowdsourcing
✓ Bookmarking

2010

Finding Research
Percentage of papers needed to obtain 20%, 50%, and 80% of the citations received using a 2-year citation window, by field, 1900–2005.

(Larivière, Gingras, & Archambault, 2009)
NEW ERA

Velocity
Virality
Vibrancy
Variety
Versioning
Volume
Venality
Vanity
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Verifiability
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TIME FOR A NEW MODEL?
Revised UNISIST
(Sondergaard, Andersen, & Hjørland, 1971)
DID CASCADeS PROJECT
CHALLENGES & OPPORTUNITIES OF THE NEW WORLD