Scholarly Communication at the Creative Industry Era

Changing rules and values for libraries and publishers

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3C : Convergence, Collaboration, Creation

« Paradigms are theoretical constructions which report logical correspondences between discourses held by experts, managers, officials, economic stakeholders, industrial strategies, policies and public regulations »

(Bouquillion, Miège & Moeglin, 2013)
At the heart of the transition

- "Virtual", "Global", "Digital" Scholar
- Innovation & Economic Development

- Big Science
  (Price, 1962)

- Science Mode2
  (Gibbons, 1997)

- Science 2.0

- eScience
  4th Paradigm

- Open Science

Timeline:
- 1960
- 1990
- 2000
- 2017
Harbinger Research Project (PRC)

*A Three Year “Observatory”: 2015 - 2018*

<table>
<thead>
<tr>
<th>Countries</th>
<th>Interviews</th>
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<tbody>
<tr>
<td>China</td>
<td>13</td>
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<td>France</td>
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<td>Malaysia</td>
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<td>Poland</td>
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<td>Spain</td>
<td>18</td>
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<td>UK</td>
<td>21</td>
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<td>US</td>
<td>28</td>
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<td><strong>Total</strong></td>
<td><strong>116</strong></td>
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- Discovery (Nicholas et al., 2016)
- Scholarly Behaviour (Nicholas et al., 2017a)
- Publishing Practices (Nicholas et al., 2017b)
Changing and Delegating Authority

*(Whitley, 2008, 2010)*

- Researchers are more dependent on peer-reviewed project based funding of proposals
- Public policy goals and funding agencies are influential in setting research priorities
- Intensity of competition for disciplinary prestige
- Shortening of the period within which research is expected to produce results
Government policy through publishing practices: « Publish or Perish »

- New Public Management and « Duracell Generation »
  - Productivity
  - Competition
  - Immediacy
  - Excellence & Celebrity

- 116 ECRs, 1200 papers
- Practices locked to the reward and assessment system
- (Nicholas et al., 2017b)
Extending creative territories

Globalisation (Low & Barnett, 1996, 2000) (Nicholas et al., 2017b)
“Fundability” of research
Dealing with risks and uncertainties (Boukacem-Zeghmouri, 2018)

Topical fashions, mainstream research, self-adaptation (Whitley, 2010)

Academic capitalism (Gibson & Clocker, 2004)
Value & Frustration Gap

SD JR1

(Boukacem-Zeghmouri et al., 2016)
The “invisible” library

*(Nicholas et al., 2016)*

*(Michel, 2015)*

*(Okerson, 2015)*
“The search/discovery experience” (Nicholas, 2016)
Altmetrics
« Publicize or Perish »

The Nautilus,
(Esposito, 2007)

(Nicholas et al., 2017a)
The Harbinger team

- David Nicholas (Lead), Ciber Research
- Anthony Watkinson (UK/US), Ciber Research
- Abrizah Abdullah (Malaysia), University of Malaya
- Chérifa Boukacem – Zeghmouri (France), University of Lyon
- Blanca Rodríguez Bravo (Spain), University of Leon
- Eti Herman (Israel), University of Haifa
- Marzena Świgoń (Poland), University of Warmia
- Jie Xu (China), University of Wuhan