When will librarians start research support with altmetrics to their researchers?

15th Library Fair & Forum, 29-31rd October 2013, Pacifico Yokohama, Japan

Importance of Mendeley Readership on altmetrics based on the Altmetric score

@KeitaBando
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What's altmetrics?

When will librarians start research support with altmetrics to their researchers?
altmetrics is the creation and study of new metrics based on the Social Web for analyzing, and informing scholarship.

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In growing numbers, scholars are moving their daily work to the Internet.
1 in 40 scholars active on Twitter


doi: 10.6084/m9.figshare.104629
Can Tweets Predict Citations?

We encourage the development of alternative metrics for impact and quality.
Make available a range of article-level metrics
NISO to Develop Standards and Recommended Practices for Altmetrics
Many events on the theme of altmetrics was held in October 2013
次世代学術コンテンツ基盤共同構築事業

2013年10月25日（金）第3回 SPARC Japan セミナー2013の講師紹介および講演要旨を公開しました。「オープンアクセス時代の研究成果のインパクトを再定義する：再利用とAltmetricsの現在」

nii.ac.jp/content/2013/1...
altmetrics apps
altmetrics data is aggregated from many sources
Mendeley is an important element which is indispensable to altmetrics.
Global Research Report

Launched in 2009, Mendeley's research collaboration platform now connects the scholarly workflows of two million researchers in the sciences and humanities worldwide. This global report is the first-ever analysis of their scholarly reading and studying activity in relation to economic indicators and research productivity.

Mendeley's 2 Million Users by Academic Discipline

- Biological Sciences and Medicine: 31%
- Physical Sciences (Including Astrophysics, Chemistry, Earth Sciences, Environmental Sciences, Physics) and Maths: 16%
- Engineering (Including Electrical & Electronic) and Materials Science: 13%
- Computer and Information Science: 10%
- Psychology, Linguistics, and Education: 10%
- Law and other Social Sciences: 7%
- Philosophy, Arts & Literature, and other Humanities: 5%
- Business Administration, Economics, and Operations Research: 8%
Mendeley API Calls per Month

100m API calls from apps every month
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Inspired from PaperShip
Altmetric is an analytical tool which allows users to track and analyse online activity around scholarly literature.
Mendeley Institutional Edition (MIE) is an analytics tool built on top of Mendeley that helps librarians to understand the research activity.
focus on the **IMPACT STATISTICS**
Highly read publications top 100
Last 12 months (Oct 2012 to Oct 2013)
Analytics Impact 1/2

- Active
- URL broken

- 49%
- 51%

Year:
- 1986
- 2003
- 2004
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
Analytics Impact 2/2

- Biological Sciences
- Business Administration
- Chemistry
- Physics
- Computer and Information Science
- Medicine
- Psychology

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0 10 20 30 40

Discipline

DOI (61%)
PMID (39%)
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“Mendeley reader counts don’t influence Altmetric scores.”
Result: Mendeley reader counts influence altmetrics.
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As faculty at universities around the world struggle to find new ways of providing evidence of their changing scholarly value, many librarians have stepped forward to help negotiate the landscape of both traditional impact metrics, such as h-index and journal impact factor, and emerging Web-based alternatives, sometimes called altmetrics, cybermetrics, or webometrics.

From bibliometrics to altmetrics

November 2012 College & Research Libraries News vol. 73 no. 10 596-600
With interest in online venues for scholarly communication on the rise, and the number of tools available for tracking online influence growing steadily, librarians are in a key position to take the lead in bolstering researchers’ knowledge of current trends—and concerns—in the new art and science impact measurement.

From bibliometrics to altmetrics

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Librarians can provide this support in three main ways: informing emerging conversations with the latest research, supporting experimentation with emerging altmetrics tools, and engaging in early altmetrics education and outreach.

Riding the crest of the altmetrics wave

June 2013 College & Research Libraries News vol. 74 no. 6 292-300
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