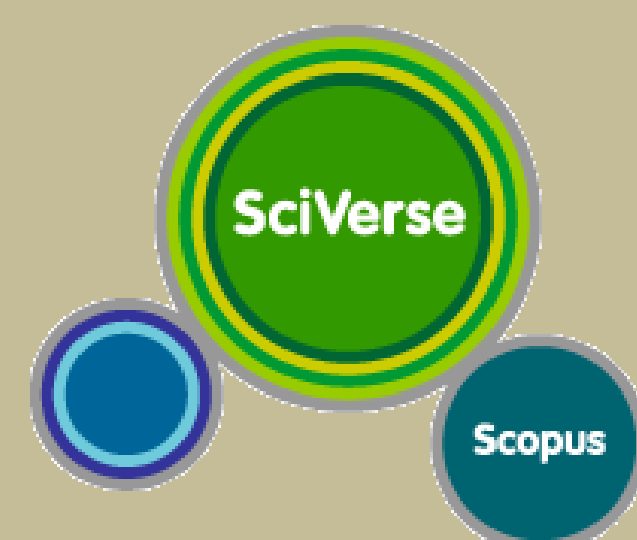


Research Impact - The Times They Are A Changin'

Citation Metrics and Altmetrics

3 Big Players in Traditional Metrics



SCImago Journal Ranking (SJR)
Source Normalized Impact per Paper (SNIP)
h-index



Impact Factor
Eigenfactor Score
h-index



h5-index
h5-median
h-index
i10-index

**Impact metrics are...
calculations/algorithms
that quantify the
impact of research or
scholarly activity**



3 Big Players in Altmetrics

Article-level metrics
Usage
Citations
Blogs & media
Social networks



Articles, datasets, blog posts, posters
Aggregates data from public &
scholarly services
Can trace impact over multiple peer
networks



\$\$ for almetric *Explorer*
Free Bookmarklet – *altmetric-it*
Social media
Scholarly networks



Changes in the publishing environment, including the impressive growth of the Open Access movement, are necessitating new ways at looking at, evaluating & disseminating information

Caveats & Cautions

Citations are not always for valid reasons, ie/ self-citations, discussion of flawed theory or methodology

Differences in database coverage alters metrics, ie/ h-index is different in Web of Knowledge, Scopus & Google Scholar

Education/Social Sciences/Humanities literature is not well-served by traditional impact metric tools

Impact metrics are *quantitative* values that evaluate the journal (or article, etc.), *not* the individual

What Do You Think?

**"Citations no longer
represent adequately
how an article is used."**

Beyond Publish or Perish: Alternative Metrics for Scholarship
www.niso.org/news/events/2012/nisowebinars/alternative_metrics

More Support

Library

Colleagues

RSO - Research Services Office
rso.ualberta.ca

