

East Tennessee State University

From the Selected Works of Ashley D. Lowery

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Current Trends in Altmetrics

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Available at: https://works.bepress.com/ashley_lowery/35/



Current Trends in Altmetrics
ACRL/ULS Evidence-Based Practices Discussion Group
ALA Atlanta Midwinter Meeting and Exhibits
January 22, 2017 (8:30am-10:00am)

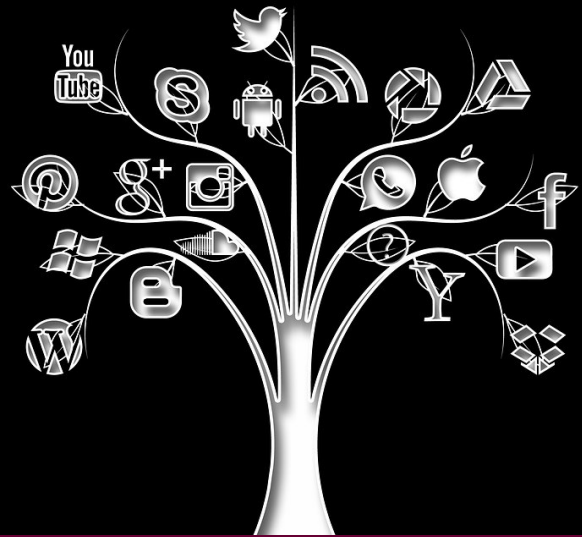
Overview

Definition: alternative metrics to the traditional metrics (citations, impact factors) that are based in the social web and used to measure scholarly output

Characteristics: Immediate; Large-Scale Audience; Diverse Sources

Online Sources: Social Media; Reference Managers; Public Peer Review Platforms; Multimedia Platforms; Non-Peer-Reviewed Publications

Examples: Number of Tweets, Likes on YouTube, Readers on Mendeley, Mentions in Wikipedia



Profiles, Tools, & Products



Impactstory provides free, individual profiles geared towards those unfamiliar with altmetrics including timelines and achievements.



Altmeter has free tools such as the Altmeter bookmarklet/badge and API for research as well as products including Explorer (browse metrics, create reports, view benchmark graphs).



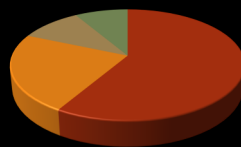
Plum Analytics has products including PlumX Dashboards with PlumX Metrics (browse metrics, create reports), PlumX +Grants, and PlumX Benchmarks.

Suggested Reading

Erdt, M., Nagarajan, A. Sin, S-C. J., Theng, Y-L. (2016). Altmetrics: an analysis of the state-of-the-art in measuring research impact on social media. *Scientometrics*, 109(2), 1117-1166.

Potential Applications

Showcase Achievements
Research Evaluation
Discovery



As mentioned in the National Information Standards Organization's *Outputs of the NISO Alternative Assessment Metrics Project (2016)*.

Discussion Topics

- ⇒ Biases in Disciplines & Demographics
- ⇒ Current Applications of Altmetrics
- ⇒ Relationship to Traditional Metrics
 - ⇒ Gaming and Spamming
- ⇒ Standardization of Terminology & Metrics

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