Brief Bio and (PR)^2: Problems & Pitches – Rants & Raves by Grégoire Côté

Mr. Grégoire Côté is a partner and Vice-President, Bibliometrics at Science-Metrix. He is in charge of the production of quantitative and qualitative statistics, as well as the development of indicators for evaluation and performance measurement studies. He is also responsible for developing, managing, updating and processing several complex and large-scale databases on research inputs, outputs and impacts. Mr. Côté has managed and contributed to the majority of the bibliometric assessments performed by Science-Metrix. Moreover, in collaboration with database and quality managers, Mr. Côté ensures the integrity and compatibility of the data collected through various methods in many of Science-Metrix’ projects.

Mr. Côté has applied his expertise to the development of unique tools for the delimitation and mapping of non-traditional emerging scientific domains. Additionally, through his involvement in in-depth evaluations of natural sciences and engineering research grant programs, Mr. Côté has developed methods to compare the scientific output and impact of groups of researchers that have received research grants with the output and impact of groups that have not. His skills in using control groups and performance measurement tools for evaluation purposes have been of great use in assessing several science- and technology-based initiatives and programs of federal and non-governmental organizations.

Selected publications/presentations:


Website: www.science-metrix.com

General Questions

1) What is (are) your main interest(s) in attending the workshop?

To exchange with colleagues on the development of standards. I am particularly interested in the relationships and tensions between standardized indicators and methods and tailored/flexible indicators and approaches.
2) **Please list standards that are missing in your work.**

There are not enough standards in the way bibliographic information is gathered and indexed in the databases. Many limitations of bibliometric today are linked to issues in the quality of the raw data. For example, we have the knowledge, tools and computing power to conduct network analyses on all researchers on the planet, but because the names are not disambiguated, this is far from possible.

Also, many indicators are computed identically by different teams but named differently.

3) **Please list standards that are most useful in your work.**

There are few shared standards in the community. Standards that are useful to my work are mostly internal standards.

4) **What would you like to learn / achieve at the workshop?**

I would like to learn about the processes used by colleagues to set standards, particularly in some areas where there are many parameters that we can play with and thus where subjectivity appears to be indomitable (i.e., network measures, topic modeling).

It could also be interesting to start common projects such as a “wikimetrics” on science metrics/indicators and related topics.