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Using bibliometrics for mapping research collaboration

Abstract

This presentation addresses the use of bibliometric analyses of author addresses retrieved from journal articles for the purpose of studying research collaboration between universities and/or countries. One issue to approach is why are these analyses commissioned and performed, that is: who are commissioning these analyses and what are they using them for? Another issue is the methodological issues, that is, how are they done? In relation to best practice for bibliometrics, one important aspect to discuss is how to deal with 'mega-authored' articles. Therefore, the focus of the presentation will be on how different methodological choices will give different results, and to discuss to what extent different results can be interpreted as actual collaboration between e.g. two specific universities. In relation to this, there presentation will also discuss to what extent we have the same opportunity to make these methodological choices if we download the data and make the analyses ourselves or if we use commercial products for bibliometric analyses such as InCites or SciVal.

Zur Person



Fredrik Åström has a PhD in Library and Information Science from Umeå University and is a Docent (equivalent of Reader/Associate Professor) in Information Studies at Lund University; and works as an expert on scholarly communication, bibliometrics, and research evaluation at Lund University Library. Åström has been an active scholar in the in the field of bibliometrics research for some 15 years; and is currently working on a research project investigating the use, and effects on science and scientists of the use, of performance indicators developed in bibliometrics for research evaluation and research fund allocation.