

CHORUS and SHARE Session: The good, the open and the efficient: changing research workflows and the need to move from Open Access to Open Science

Thursday, June 18, 2015 10:20 AM (40 minutes)

Science is in transition. If all goes well, the transition is towards more open, efficient and honest/reproducible practices. Libraries should move with this change by supporting open science instead of just open access. Building on their successful project “101 innovations in scholarly communication” Jeroen Bosman and Bianca Kramer present their interpretations of what is going on and can be expected in the six phases of the research cycle. They have tested their hypothetical workflows and show how real, day-to-day research workflows are changing from traditional to modern, innovative and experimental. These changes are reflected in tools and sites people use in various phases of that workflow. They might for example change from Web of Science → SPSS → Word+Endnote → Nature → ResearcherID → Impact Factors to Sparrho → ROpen-Science+IPythonNotebooks → WriteLateX+Docear → The Winnower → Kudos → Publons+PubPeer. The way new generations of researchers work affects how information will be discovered, re-used, created, shared, communicated and assessed. There are huge opportunities for libraries to contribute and work with the research community, but only if they are well prepared!

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