Challenges in Research Data Management

Kate Kryszczuk
Customer Consultant in Research Intelligence for Central & Eastern Europe

k.kryszczuk@elsevier.com

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"Research data management concerns the organization of data, from its entry to the research cycle through to the dissemination and archiving of valuable results. It aims to ensure reliable verification of results, and permits new and innovative research built on existing information." [1]

Challenges

• “How can I help all researchers with no new funds for staff?”
• “Promoting the advantages of RDM is time consuming and often thankless”
• “I don’t have the time to re-skill myself and others to take on the RDM role”
• “Researchers are reluctant to share their data, so keeping track of it is very time consuming and I’m concerned about quality control”
• “Research data cannot be interpreted by humans or machines”
• “I don't have budget to archive research data so it's available long term”
• “I need to make sure published datasets are easily accessible in perpetuity”
• “I do not have enough budget to pay for this long-term solution”
• “I can't easily assess quality of curation”
• Fully certified
• It helps you better administer and support institutional information objectives and the researchers needs
• It helps you keep track of data inside and outside your institution and showcase institutional research outputs
• Data can be automatically linked to journal articles
• It has powerful data search engine.
• It performs QA on published datasets and discard bad datasets in advance; institutions will have the possibility of further curating and approving datasets usingg.
• Fully interoperability with home grown and other vendor solutions
“Doing Research”

- Find Research Data
- Capture and annotate data and experiments
- Research Manager: manage data across projects

“Sharing Research”

- Librarian: Help researchers curate their research data
- Librarian: Preserve & Share Data
- Research office: report & showcase

Link: https://www.elsevier.com/solutions/mendeley-data-platform

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For what?

Scopus is the largest abstract and citation database of peer-reviewed literature, and features smart tools that allow you to track, analyze and visualize scholarly research.

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- 23,500+ Serial titles
- 150,000+ Books
- 70 million Items
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- ~70,000 Affiliation Profiles
- 16 million Author profiles

Identify and analyze which journals to read/submit to
Help researchers manage career-citation counts and h-index
Decide what, where and with whom to collaborate
Track impact of research; monitor global research trends
Find out what already exists in the global world of research
Determine how to differentiate research topics, find ideas
For what?
“Details matter, it is worth waiting to get it right”
Steve Jobs

Thank you