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Agile data curation as a strategy for maximizing the value of research data while minimizing the cost of research data management

Session ID#: 8400

Session Title: Agile data curation as a strategy for maximizing the value of research data while minimizing the cost of research data management

Session Description: Software engineering has seen the adoption of agile development practices that are based on the values and principles embodied in the [Manifesto for Agile Software Development](#). Agile methods in software development have yielded responsive and user-engaged processes that have produced improved products in less time compared to other development models. These values and principles may be mapped into research data management and curation, with the outcome of yielding more efficient data management during research and lowering the effort (and cost) of maximizing the value of research data products for unanticipated uses and users. This session will bring together papers related to two aspects of agile data curation: 1) conceptual models that embody agile development values and principles in the context of research data management, and 2) examples of intentional or unintentional agile data curation that illustrate strategies that may be employed in maximizing the current and future value of research.

Primary Section/Focus Group: Earth and Space Science Informatics

Cross-Listings:

- ED - Education
- SI - Societal Impacts and Policy Sciences

Co-Organized Sessions: No

Virtual Session: Yes

Index Terms:

1904 Community standards [INFORMATICS]
1910 Data assimilation, integration and fusion [INFORMATICS]
1912 Data management, preservation, rescue [INFORMATICS]
1936 Interoperability [INFORMATICS]

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- To access your submission in the future, point your browser to the [User Portal](#).
 - Your Session ID# is: 8400.
 - Any changes that you make will be reflected instantly in what is seen by the reviewers.
 - After the session proposal is submitted, you are not required to go through all submission steps to make edits. For example, click the "Conveners" step in the Session Proposal Control Panel to edit the Conveners and then click save or submit.
 - When you have completed your submission, you may close this browser window or submit another session <http://fallmeeting.agu.org/2015/submissionsite>.

[Tell us what you think of the session submittal process.](#)