

e-Science Data Environments: A View from the Lab Floor

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Developing a Lifecycle for Data

- Antecedents
 - Data Management
 - Metadata
 - Formats
 - Repository Technologies
- Barriers
- Threats
 - Human based threats
 - Technology based threats



Multi-Method Study

- Case studies
 - Semi-structured Interviews with 11 directors of scientific centers or labs
- Broad-base web-based survey
 - 724 completed surveys of recent NSF funded researchers
 - 43 questions
 - 168 numeric and character variables
 - 34 full text elements.
- Grounded theory development

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