

Thinking Aloud About Open Data Repositories

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Enabling the Creation and Public-Good Use of Data Repositories

Enabling data repositories for the public good, open data and appropriately gated data, NRC as a data broker for SMEs – using NRC's position as a (mostly) neutral arbiter to enable data pooling and appropriate sharing

Why



Supporting and advancing NRC's digital

Identifying necessary elements for a coordinated approach to open data and its benefits

Potential for open data to open up or enhance commercial opportunities for SMEs

- NRC needs to understand and improve its own open data policies
- Identifying our own needs gives us the insight we need to talk with others
- But we also need to learn what other open data initiatives are happening out there

What

Access, openness, and transparency

Breaking down barriers to data access and data silos

Jurisdictional issues in data sharing (e.g. differences in levels of access, privacy requirements)

Who



Enabling shared data repositories where individuals have control over when, if, and with whom their data is shared

Systems and methods to allow individuals to manage their own data and analytics

- Individual data rights matter, and can be owned outright or de-identified
- Collective and cultural data rights are not individually owned, but don't properly fit into the public domain either

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How

Data literacy

Data quality factors and the need for a collectors/recorders

Data ethics

Aspects of Data Literacy

- Data Literacy Models
- Mapping Data Literacy to Requirements
- Measuring Data Literacy
- Enhancing Data Literacy

Data Literacy Models

- Data stewardship
- Analytics and decision-making
- Information literacy
- Science and research
- Socially defined data

