RISEing tides: Strategic directions for RDM @ UWA

CAUL Research Repository Days
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RISEing tides

RDM strategy flow on benefits for research integrity, FAIR principles, collaboration, etc.

Research Infrastructure Self Evaluation (RISE) framework
Overview

RISE as a process for evaluating and planning RDM

1. Research Data Strategy Project background
2. RISE framework overview
3. Using RISE at UWA
4. Lessons and value of RISE
UWA Vision 2030

- Open and accessible research
- Research excellence through collaboration
- Data-intensive discovery
- Indigenous knowledge and research focus
- Innovative, well-resourced research infrastructure

How does this translate into RDM infrastructure, policies and services?
Research Data Strategy Project

Identify the precise nature of **challenges**, **issues** and **gaps** faced by researchers in managing research data

Make **recommendations** for enhancing University-wide RDM services over the next three years
Research Infrastructure Self Evaluation (RISE) framework

- Capability model
- Assess level of RDM maturity
- Facilitate RDM service planning & development
- Developed by DCC in 2016; adapted by ARDC for Australian context


SPARC Europe. Evaluating RDM Tool: https://sparceurope.org/evaluate-your-rdm-offering/
RISE framework

21 capabilities across 10 research data support areas

1. Data management planning
2. Active data management
3. Appraisal & risk assessment
RISE framework

21 capabilities across 10 research data support areas

4. Preservation
5. Access & publishing
6. Discovery
RISE framework

21 capabilities across 10 research data support areas

7. Training

8. Advisory services

9. Policy & strategy

10. Business plans & sustainability
RISE framework

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9. Policy and strategy
10. Business plans & sustainability
RISE framework

Three levels of capability

Level 1: compliance

Level 2: locally tailored services

Level 3: sector leading activity
RISE current state workshop (2.5 hours)

- **Attendees:** Library, IT, Office of Research Enterprise, Information Governance, Records, CMCA (research centre) (nine total)

- **Aim:** Identify and discuss RDM pain points in each RISE area

- **Activities:** Capability rating exercise (individual v group ratings)
RISE current state workshop (2.5 hours)

✓ Assembling representatives from business units across the University
✓ Exchanging information about RDM relevant developments
✓ Identifying problem areas and areas for improvement
✓ Not realistic to be Level 3 capability in all areas – need to prioritise
Researcher engagement

- Semi-structured **interviews** (11 researchers) and **focus group** (10 researchers)

- **Aim:** Deeper understanding of research data lifecycle activities

- RISE as a means of coding qualitative data
  
  **Code:** specific idea e.g. ‘collaboration’

  **Category:** broader theme (RISE area) e.g. ‘active data management’

  **Theory:** e.g. cause and effect, dependencies, etc.

RISE future state workshop (3 hours)

- **Attendees:** Project team
- **Aim:**
  - Envision the future state of RDM services at UWA in three years’ time
  - Propose process and technology changes
- **Activities:**
  - Actions/services to enhance RDM
  - Prioritising services for improvement
  - Rating ease of implementation
RISE future state workshop (3 hours)

✓ Lots of ideas for ideal future state (but no obvious "easy wins")

✓ Valuable discussion informed by researcher feedback and other project activities

✓ Jumping off point for focussed strategy discussions and recommendations
Lessons learnt

- RISEing takes time! (time for discussion, organisation and analysis)
- Participants are key (facilitator, workshop attendees, scribe)
- Not every angle is neatly covered (be flexible)
- RISE can be used with other approaches
Why RISE?

- Valuable for structuring discussion and information gathering
- Framework to parse qualitative feedback from researchers and other stakeholders
- Highlighted areas that require coordination across the University
- Actionable insights for developing repository and research data services
Thank you