How reframed/tailored RDM Plans can improve research productivity and research impact

An Intersect approach to tackle this problem

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Who we are?

- Non-profit eResearch technology company
- Formed in 2008 with state and federal grants
- Co-investment by NSW Universities
- Jointly owned and directed by a consortium of 12 Australian Universities (our Members)
- With 4 affiliate members
- Operating across 4 states and territories
For researchers, by researchers, not for profit
Accelerate your research

Productivity  Diversity  Longevity
Why RDM is so important?

Compliance
- Ethics/Grants
- Policy requirements

Productivity
- Enhanced usability of data
- Accessibility, collaboration and discovery

Longevity
- Data retention
- Reusability
Intersect eResearch Analyst role in RDM

- Tailored approach to address individual institute requirements
- eResearch Analyst role:
  - Holistic focus on research
  - By researchers for researchers
  - Network of highly educated and skilled eResearch Analysts from diverse backgrounds
Institute level

**Issue:** Lack of clear RDM policies

**Opportunities:**
- Business as usual and support research as required
- Create RDM policies and procedures
- Provide necessary tools and techniques to follow the guidelines in the policy and implement procedures

**Solution**
- RDM Policy development in a collaborative effort by ICT, Research Office and Library
- RDM Planning tool development
- Effective RDM communication and awareness

**Impact**
- Clearly outlined policies and procedures with outlined roles and responsibilities of different stakeholders
Institutional/Strategic level

Adapting to new technologies as they become available:

- Rolled out by the corresponding department
- Communication with cohort
- Awareness of enhanced capabilities
- Training in use
- Reflection in RDM Plans
Intersect’s approach

Changes in technology and impact on research

Productivity
- Need for constant updates/awareness due to new technologies and skills
- RDM policies

Diversity
- Communication
- Facilitate collaboration between RDM owners
- eResearch Analysts network

Longevity
- A consistent whole of Institute approach to RDM
Current challenges for Researchers

Problems at the researcher level:

● Awareness
  ○ Grant and ethics requirements
  ○ Institute requirements
  ○ Institute solutions
  ○ Ramifications of non compliance

● Understanding the importance of an effective RDM Plan
  ○ Improve research productivity
  ○ Accessibility
  ○ Collaboration
  ○ Sharing
  ○ Discovery
Resolving Researchers Challenges

Raise awareness
- Intersect RDM course tailored for each institute, normally run in conjunction with the library
- 1000+ researchers trained

Understanding the importance
- One on one consultations between the researchers and the eResearch Analyst
What to ask and how to ask it

- Who will own the data?
- How will the data generated/gathered?
- What kind of data will be collected?
- What format will the data take?
- How much and what type of storage will be required?
- Where will the data be stored?
- How will the data be organised?
- What options are available for storage?
- Is there a connection between storage and data processing?
- What tools are required to process the data?
- Will you need to collaborate (internally/externally)?
- Can some or all of the data be shared?
Wrapping it up

- Raise awareness about the importance of RDM Plans within the research community
- Communication between ICT, Research Office and library
- Adapt RDM Plans to reflect changes in the environment (technology, policies, etc)
- Provide tools and training to researchers to enable them to develop fit-for-purpose RDM Plans