



# **GRL**2020

A Vision for a Global Research Library

**GRL**2020 Asia

Academia Sinica, Taipei, Taiwan

24 - 25 February 2009

## Regional Requirements and Challenges

### Australia



# National Collaborative Research Infrastructure Strategy (NCRIS)

## Platforms for Collaboration

- National Computational Infrastructure (NCI)
- Interoperation and Collaborative Infrastructure  
(Australian Research Collaboration Service (ARCS))
- National Data Management Infrastructure  
(Australian National Data Service (ANDS))



Earlier ....

## Backing Australia's Ability Systemic Infrastructure Initiative (SII)

- Australian Partnership for Sustainable Repositories (APSR)
- Australian Research Repositories Online to the World (ARROW)
- Australian ResearCH Enabling enviRonment (ARCHER)
- Dataset Acquisition, Accessibility & Annotation e-Research Technologies (DART)
- Meta Access Management System (MAMS)



## ANDS

From Data to Wisdom: Pathways to Successful Data  
Management for Australian Science (PMSEIC Working Group  
on Data for Science) December 2006

Towards the Australian Data Commons: A Proposal for an  
Australian National Data Service (ANDS Technical Working  
Group) October 2007



## ANDS

### The Challenge

We are in a data deluge. It can only continue and grow in intensity as the number, frequency and resolution of data sources rises; as information becomes universally ‘born digital’; as the capacity to process, transform and transfer information expands; and as the dependence on data increases.

(Towards the Australian Data Commons)





## ANDS High-level Vision

### ANDS

to start building the Australian Research Data  
level Vision

High-

to start building the Australian Research Data  
Commons by

- addressing issues of research data ownership and the roles and responsibilities associated with ownership
- addressing issues and research data ownership and
  - providing access to research data collected and maintained with public funding
  - co-ordinating and sharing best practice for the curation of experimental, research and published





ANDS

ANDS

## Programs

- Developing Frameworks
- addressing issues and research data ownership and
  - Providing Utilities
  - Seeding the Commons
  - Building Capabilities

co-ordinating and sharing best practice for the

National eResearch Architecture Taskforce (NeAT)

NeAT projectsco-ordinating and sharing best practice for the  
NeAT projects



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## The case for research data management within research communities

- 
- benefits
- compliance

- 

NeAT





ANDSThan

Thank you  
NeATANDS

Thank you

co-ordinating and sharing best practice for the

Vic Elliott

25 February 2009

