

Data Policy

RDA VP17 Virtual Regional Event, May 2021

Natasha Simons, Australian Research Data Commons

Co-chair, RDA Research Data Policy Standardisation & Implementation Interest Group

**We acknowledge and celebrate the
First Australians on whose traditional lands
we meet, and we pay our respect to the
elders past and present.**



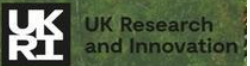
RDA Virtual Plenary 17

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20 - 23 April 2021



Organised by



Jisc





RDA VP17 Virtual Regional Event

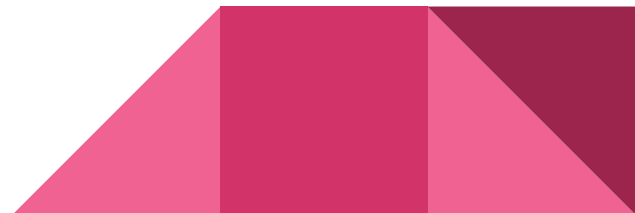
- Tuesday, 11 May: A National Approach to Research Software (in conjunction with Data Science Week)
- Tuesday, 18 May: Infrastructure and Data Management Plans (DMPs) (in conjunction with the Australasian DMPs IG)
- Wednesday, 19 May: RDA Q&A and catch-up session
- **Thursday, 20 May: Data Policies**



RDA 17 Joint Session outcomes

- Research Funders and Stakeholders on Open Research and Data Management & Practices IG
- Data Policy Standardisation & Implementation IG
- FAIRsharing WG

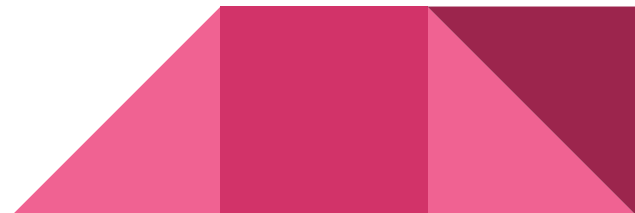
Key focus: funder-publisher policy alignment (joint project)



Brief introduction to the Data Policy Standardisation IG



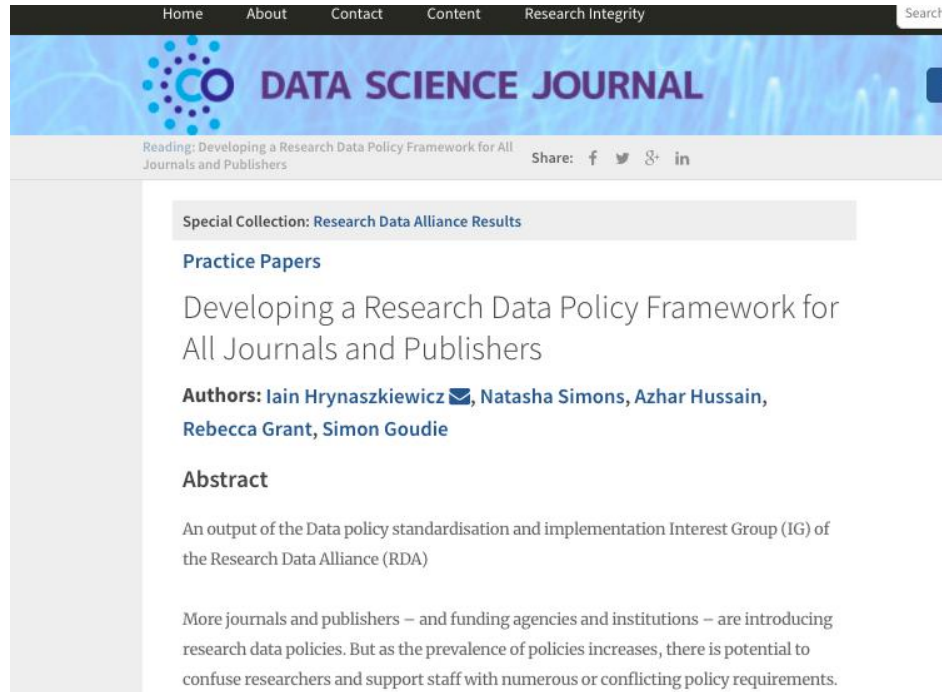
It all started with a rogue BoF at
RDA P8 in Denver...



Data Policy Standardisation IG co-chairs

- Iain Hrynaszkiewicz (PLOS)
 - Rebecca Grant (Springer Nature)
 - Natasha Simons (Australian Research Data Commons)
 - Simon Goudie (Wiley)
 - Azhar Hussain (JISC)
- 

IG's major output



The screenshot shows the homepage of the Data Science Journal. At the top, there is a navigation bar with links for Home, About, Contact, Content, and Research Integrity, along with a search box. Below the navigation bar is a blue banner with the journal's logo and title. The main content area features a grey sidebar on the left and a central article preview. The article is titled "Developing a Research Data Policy Framework for All Journals and Publishers" and is part of a "Special Collection: Research Data Alliance Results". The authors listed are Iain Hrynaszkiewicz, Natasha Simons, Azhar Hussain, Rebecca Grant, and Simon Goudie. The abstract begins with "An output of the Data policy standardisation and implementation Interest Group (IG) of the Research Data Alliance (RDA)" and continues with "More journals and publishers – and funding agencies and institutions – are introducing research data policies. But as the prevalence of policies increases, there is potential to confuse researchers and support staff with numerous or conflicting policy requirements."

Home About Contact Content Research Integrity Search

DATA SCIENCE JOURNAL

Reading: Developing a Research Data Policy Framework for All Journals and Publishers Share: f t g+ in

Special Collection: Research Data Alliance Results

Practice Papers

Developing a Research Data Policy Framework for All Journals and Publishers

Authors: Iain Hrynaszkiewicz ✉, Natasha Simons, Azhar Hussain, Rebecca Grant, Simon Goudie

Abstract

An output of the Data policy standardisation and implementation Interest Group (IG) of the Research Data Alliance (RDA)

More journals and publishers – and funding agencies and institutions – are introducing research data policies. But as the prevalence of policies increases, there is potential to confuse researchers and support staff with numerous or conflicting policy requirements.

<http://doi.org/10.5334/dsj-2020-017>

Journal data policy framework

Results and Discussion

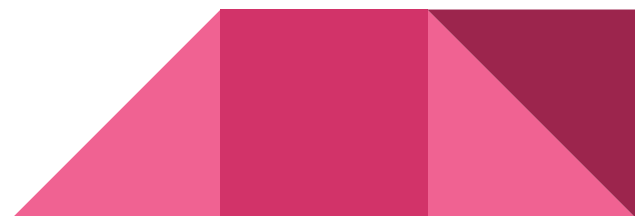
Table 1 defines what each of the 14 research data policy features are and the reason for their inclusion as part of the policy framework. Figure 1 summarises which features are included in which policy type and provides a visual representation of how the feature is implemented.

Feature	What	Why
Definition of research data	Define which research data the policy applies to, and the types of research data covered by the policy.	This enables the policy to define its scope and, where appropriate, provide general or discipline specific information on research data and file and format types (Hodson & Molloy, 2015). Specifying non-numeric data types (images, video, text etc) helps ensure relevance and applicability across research disciplines.
Definition of exceptions	Define what data do not need to be, or	Ensures data policy is applicable to all research publications, but acknowledges legitimate exceptions

Journal Data Policy framework

14 journal research data policy features arranged as 6 policy types (tiers)

	Policy 01	Policy 02	Policy 03	Policy 04	Policy 05	Policy 06
Definition of the research data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exceptions to policy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Embargoes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Supplementary materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Data repositories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Data citation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Data licensing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Researcher/ author support	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Data availability statements	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Data formats and standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Mandatory data sharing (specific data types)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Mandatory data sharing (all papers)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Peer review of data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Data Management Plans (DMPs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



RDA supported output



25

Jun
2020

Developing a Research Data Policy Framework for All Journals and Publishers

By Daniel Bangert

Data policy standardisation and implementation IG

Group co-chairs: Iain Hrynaszkiewicz, Natasha Simons, Simon Goudie, Azhar Hussain, Rebecca Grant

Supporting Output title: Research Data Policy Framework for All Journals and Publishers

Authors: Iain Hrynaszkiewicz, Natasha Simons, Azhar Hussain, Rebecca Grant, Simon Goudie

Impact: Defines and describes 14 features of journal research data policies and arranges these into a set of six standard policy types or tiers, which can be adopted by journals and publishers to promote data sharing in a way that encourages good practice and is appropriate for their audience's perceived needs.

Data policy standardisation and implementation IG

Status: Recognised & Endorsed

Chair(s): Iain Hrynaszkiewicz, Natasha Simons, Simon Goudie, Azhar Hussain, Rebecca Grant

Secretariat Liaison: enquiries@rd-alliance.org

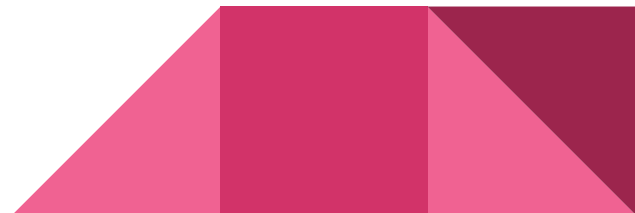
TAB Liaison: Devika Madalli

Journal framework adoption examples

Springer Nature journal data policies

STM Research Data Program - collaboration to promote adoption of the data policy framework. See <https://www.stm-researchdata.org/>

Štebe, J., Dolinar, M., Bezjak, S. and Inkret, A., 2020. **Implementing the RDA Research Data Policy Framework in Slovenian Scientific Journals.** *Data Science Journal*, 19(1), p.49. DOI: <http://doi.org/10.5334/dsj-2020-049>



Journal data policy example

PLOS journals require authors to make all data necessary to replicate their study's findings publicly available without restriction at the time of publication. When specific legal or ethical restrictions prohibit public sharing of a data set, authors must indicate how others may obtain access to the data.

<https://journals.plos.org/plosone/s/data-availability>

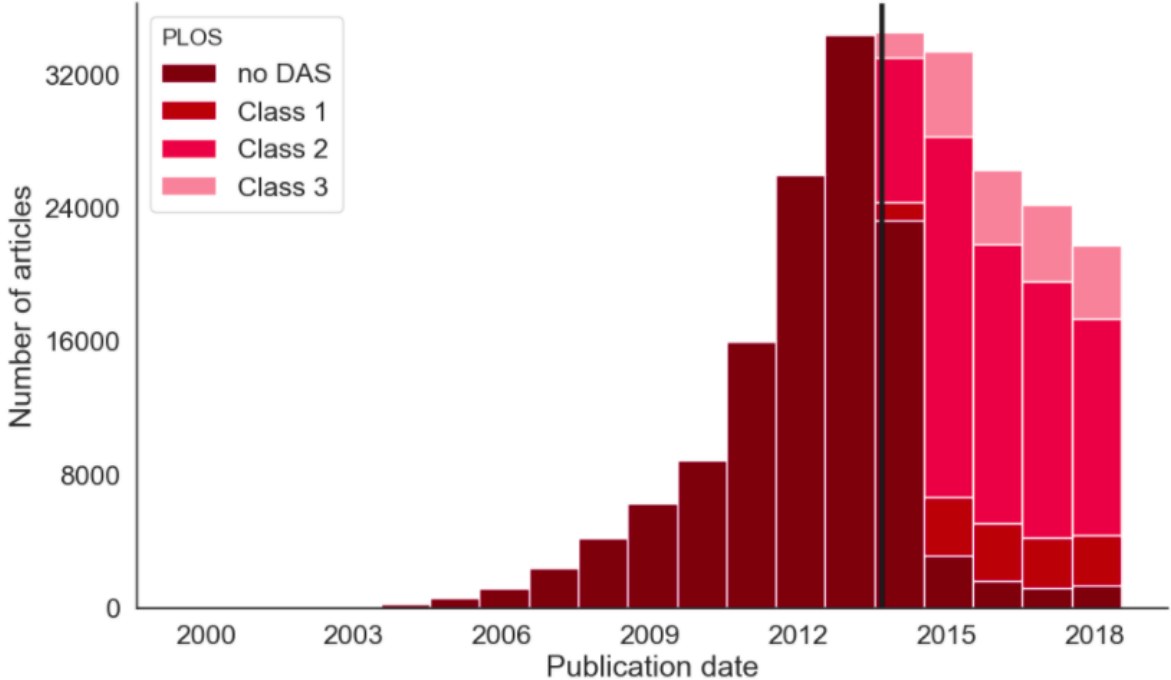
Data Availability Statements

Category	Definition	Example
0	Not available	<i>No additional data available (common).</i>
1	Data available on request or similar	<i>Supporting information is available in the additional files and further supporting data is available from the authors on request (DOI: 10.1186/1471-2164-14-876).</i>
2	Data available with the paper and its supplementary files	<i>The authors confirm that all data underlying the findings are fully available without restriction. All data are included within the manuscript (DOI: 10.1371/journal.pone.0098191).</i>
3	Data available in a repository	<i>The authors confirm that all data underlying the findings are fully available without restriction. The transcriptome data is deposited at NCBI/Gene Bank as the TSA accession SRR1151079 and SRR1151080 (DOI: 10.1371/journal.pone.0106370).</i>

<https://doi.org/10.1371/journal.pone.0230416.t001>

PLOS Blog: [A Selfish Reason to Share Research Data](#)

Data policy is changing data availability



New: Collaboration with the Funders IG & Fairsharing

Overview: The Funder-Publisher Policy Alignment Project

The RDA *Research Funders and Stakeholders on Open Research and Data Management Policies IG*, the *Policy Standardization and Implementation IG*, and the *FAIRsharing Registry WG* are collaborating on a project to examine funder-publisher policy alignment and provide recommendations on how to improve alignment.

Primer: <https://tinyurl.com/2vrun3nj>



<https://fairsharing.org/>

The FAIRsharing Registry and Recommendations: Interlinking Standards, Databases and Data Policies

[Home](#) » [Data Management](#) » The FAIRsharing Registry And Recommendations: Interlinking Standards, Databases And Data Policies



11
Oct
2018

The FAIRsharing Registry and Recommendations: Interlinking Standards, Databases and Data Policies

By Hilary Hanahoe

[Link to Working Group](#)

Executive Summary - May 2020

FAIRsharing
Standards, Repositories and Policies:
facilitating discovery, adoption and use

Executive Summary of the Adopted Recommendation
of the joint RDA-Force11 FAIRsharing Working Group

[Download here](#)

FAIRsharing Registry: Connecting data policies, standards and databases RDA WG

Status: Completed

Chair(s): Susanna-Assunta Sansone, Rebecca
Lawrence, Peter McQuilton, Simon Hodson,
Holly Murray, Varsha Khodiyar

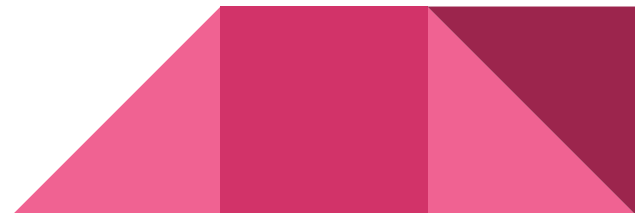
Secretariat Liaison: enquiries[at]rd-
alliance.org

TAB Liaison: Isabelle Perseil

Research Funders & Stakeholders Interest Group

Co-Chairs

- David Carr (Wellcome Trust)
- Jeremy Geelen (Canadian Institutes of Health Research)
- Yasushi Ogasaka (Japan Science and Technology Agency)
- Dina Paltoo (National Institutes of Health)



Funders IG objectives

Provide a venue for funders to bring forward issues for discussion with the broader RDA community

Develop deliverables useful to funders and, ideally, other members of the RDA community and research data ecosystem

Deliverables to date:

- Survey of current funder practices, benefits and challenges in developing and implementing open research and RDM policy requirements
- Survey findings discussed at RDA Helsinki

Funder-publisher policy alignment

- Rationale

- Funder and publisher policies influence and motivate data sharing by researchers
- Need for policy alignment in order for research data policies to be maximally effective – alignment between funders, between publishers, and between funders and publishers
- Comparatively little work has been done to examine funder-publisher policy alignment

- Objective

- Examine funder-publisher policy alignment and provide recommendations on how to improve alignment
- Possible (initial) areas of focus: data management plans, data repositories, data availability statements

Joint session RDA P17 objectives

1. Engage stakeholders for input into information sources for policy research (phase 1 of our project) and for suggestions on approaches and tools for engagement (for phase 2).
2. Welcome expressions of interest to take part in the project.

Following the session, we are drafting an engagement plan for developing policy alignment so that recommendations are done in consultation with stakeholders, including researchers



Proposed project plan

Project validation

- Project plan, initial policy elements to investigate, expressions of interest to participate

Phase 1 – Research and Analysis

- Research on policy environment
 - Investigation through literature review (and possibly surveys and interviews) into funder and publisher policies
- Analysis of alignment
 - Analyze funder and publisher policies (along researcher workflow)
 - Develop report on findings

Proposed project plan

Phase 2 – Recommendations to Improve Policy Alignment

- Stakeholder Engagement
 - Discuss Phase 1 findings, development of recommendations
- Develop recommendations
 - Develop draft recommendations on policy alignment for community review
 - Iterative development/revision of recommendations; finalize recommendations

Proposed project plan

Phase 3 – Application of Recommendations

- Disseminate recommendations
- Explore use of recommendations as basis for continued policy alignment
 - E.g., if feasible, pilot adoption/implementation of recommendations

Questions and discussion

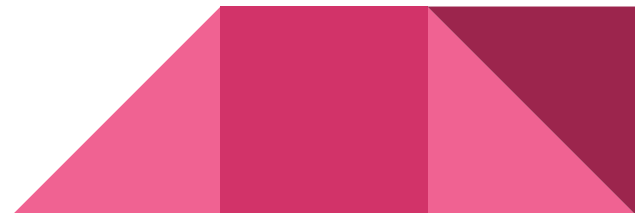
- Questions/comments on project or elements of proposed plan?
- Suggestions on stakeholders to engage?
- Expressions of interest to participate?



Next steps for you?

Join the Data Policy Standardisation & Implementation IG to stay in the loop on developments and to be included in the consultation:

<https://www.rd-alliance.org/groups/data-policy-standardisation-and-implementation-ig>





THANK YOU VERY MUCH!

Upcoming Webinars after the Virtual Regional Event

Info Share/Q&A Meetings On Sustaining RDA

- Thursday, 20 May at 15:00 UTC
- Tuesday, 25 May at 06:00 UTC

More information and registration:
<https://tinyurl.com/rdasustain>

RDA

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

Twitter - [@resdatall](https://twitter.com/resdatall)

LinkedIn -
www.linkedin.com/in/ResearchDataAlliance

Slideshare -
<http://www.slideshare.net/ResearchDataAlliance>

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