

## Data Sharing Seminar Series for Societies

Journal Data Policies: Getting started with a Framework and Examples from Society Journals

2 July Chat Discussion

10:03:35 From Shelley Stall to Everyone:

RDA Chemistry Research Data Interest Group: <https://www.rda-alliance.org/groups/chemistry-research-data-interest-group.html>

10:06:14 From Shelley Stall to Everyone:

IUPAC Committee on Publications and Cheminformatics Data Standards: [https://iupac.org/who-we-are/committees/committee-details/?body\\_code=024](https://iupac.org/who-we-are/committees/committee-details/?body_code=024)

10:12:36 From Shelley Stall to Everyone:

Science, Digital; Fane, Briony; Ayris, Paul; Hahnel, Mark; Hrynaszkiewicz, Iain; Baynes, Grace; et al. (2019): The State of Open Data Report 2019. Digital Science. Report. <https://doi.org/10.6084/m9.figshare.9980783.v2>

10:14:00 From Guy Jones to Everyone:

What people say vs What they do - The Mom Test, by Rob Fitzpatrick, is an excellent book on this (from the tech / user research perspective, but broadly relevant to any user-focused research)

10:14:53 From Shelley Stall to Everyone:

The citation advantage of linking publications to research data, Published: April 22, 2020  
<https://doi.org/10.1371/journal.pone.0230416>

10:15:37 From Shelley Stall to Everyone:

@Guy, that is so true. Thanks for the reference.

10:16:28 From Shelley Stall to Everyone:

RDA Data policy standardisation and implementation IG: <https://www.rda-alliance.org/groups/data-policy-standardisation-and-implementation-ig>

10:17:19 From Shelley Stall to Everyone:

Health warning...HAH!!

10:17:21 From Shelley Stall to Everyone:

Hrynaszkiewicz, I., Simons, N., Hussain, A., Grant, R., & Goudie, S. (2020). Developing a Research Data Policy Framework for All Journals and Publishers. Data Science Journal, 19(1), 5. DOI: <http://doi.org/10.5334/dsj-2020-005>

10:18:09 From Shelley Stall to Everyone:

PLUG: If you are not an RDA member yet, please consider participating!!

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10:19:09 From Shelley Stall to Everyone:

BIGGER PLUG: If you are an organization, consider becoming an RDA organization member: <https://www.rd-alliance.org/oa-members>

10:20:56 From Shelley Stall to Everyone:

Hübner, A. (2020). Earth Science and Biodiversity Journals can Improve Support for Data Sharing. *Data Science Journal*, 19(1), 37. DOI: <http://doi.org/10.5334/dsj-2020-037>

10:21:30 From Shelley Stall to Everyone:

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

10:22:54 From Jake Yeston (he/him) to Everyone:

TOP Guidelines: <https://science.sciencemag.org/content/348/6242/1422>

10:22:57 From Jake Yeston (he/him) to Everyone:

<https://www.sciencemag.org/authors/science-journals-editorial-policies>

10:23:20 From Rebecca Koskela, RDA-US to Everyone:

To become a member of RDA: <https://www.rd-alliance.org/get-involved/individual-membership.html>

10:25:04 From Shelley Stall to Everyone:

Thanks Jake! Here's info on COPDESS: <https://copdess.org>

10:26:30 From Shelley Stall to Everyone:

reposting...Nosek, B. A., Alter, G., Banks, G. C., Borsboom, D., Bowman, S. D., Breckler, S. J., Buck, S., Chambers, C. D., Chin, G., Christensen, G., Contestabile, M., Dafoe, A., Eich, E., Freese, J., Glennerster, R., Goroff, D., Green, D. P., Hesse, B., Humphreys, M., ... Yarkoni, T. (2015). Promoting an open research culture. *Science*, 348(6242), 1422–1425. <https://doi.org/10.1126/science.aab2374>

10:27:46 From Shelley Stall to Everyone:

Does anyone represent a journal working at “Level 3”?

10:28:34 From Lars Vilhuber to Everyone:

Journals approximately at level 3: AJPS, AEA journals, *Economic Journal*, review of economic studies

10:28:50 From Lars Vilhuber to Everyone:

I'm Data Editor for AEA journals.

10:29:16 From Shelley Stall to Everyone:

@Lars Awesome! Of course AEA!

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10:29:20 From Shelley Stall to Everyone:

McNutt, M. (2016). Taking up TOP. *Science*, 352(6290), 1147–1147.  
<https://doi.org/10.1126/science.aag2359>

10:32:23 From Shelley Stall to Everyone:

Science Journals: editorial policies, <https://www.sciencemag.org/authors/science-journals-editorial-policies>

10:34:03 From August (Gus) Muench [he/his/him] to Everyone:

This is cool, @Lars: <https://aeadataeditor.github.io/> (I'm a Data Editor for the AAS Journals)

10:36:57 From Shelley Stall to Everyone:

This graphic is fantastic. Good to see the challenges and where we can put more effort!

10:37:26 From Elisha Wood-Charlson (she/her) to Everyone:

Definitely - including a way to automate getting this numbers! This is a lot of work in 1 pie chart :)

10:37:27 From Lars Vilhuber to Everyone:

Also see <https://social-science-data-editors.github.io/guidance/> (work in progress, currently working on improvements)

10:37:53 From Lars Vilhuber to Everyone:

Big favorite: how to cite various things. See <https://social-science-data-editors.github.io/guidance/addtl-data-citation-guidance.html>

10:38:20 From Chris Erdmann (AGU) to Everyone:

Lars, the resources you are pointing to were helpful as we were updating our data and software guidance for authors at AGU :)

10:38:33 From Nancy Ritchey to Everyone:

the timeliness of archiving data at an institutional repository is a turn off for authors

10:38:51 From Lars Vilhuber to Everyone:

@chris great to know! Please to contribute back/ file "github issues"!

10:39:22 From Bruce Wilson (ORNL; he/him) to Everyone:

Jake's comment about "missions setting up their own archives in the Earth and space sciences" is interesting. For NASA, at least, that data would go to one of the DAACs that do set up DOIs. That's pretty solid for the space-borne missions and the field campaigns. It's evolving in the right direction for the airborne missions.

10:39:22 From Chris Erdmann (AGU) to Everyone:

+1 for using GitHub :)

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10:39:33 From Sherry Lake (she/her) to Everyone:

What do you mean by “timeliness” of archiving data at an IR?

10:40:30 From Lars Vilhuber to Everyone:

Data licensing (and compliance by authors with secondary data use/licenses) is a key problem for many authors.

10:41:36 From Shelley Stall to Everyone:

Foot stomp! Funder on DMP: We check in every 5 years, you (publisher) check in every month.

10:42:11 From Chris Erdmann (AGU) to Everyone:

Same Lars, see this via the AGU data help desk too. We’ve got a bank of Q&A that I have to sort through to help with our guidance.

10:44:01 From Guy Jones to Everyone:

It's a confusion for us as well Lars, although the ideas of licenses, copyright, re-use etc are often conflated. Unravelling which concerns are genuine "how does this work?" vs which are "I don't want to do this" is tricky.

10:44:58 From Nancy Ritchey (NOAA) to Everyone:

@Sherry my NOAA mission is to first archive NOAA data and then archive non-NOAA data as it meets our scope. Most authors contact us and want the DOI immediately. It takes time to determine if the data meet our mission, if we're willing to accept the cost to archive that data and then to work with the provider to prepare their data and metadata for the archive. Once data are archived we mint the DOIs. This takes time and the authors are not prepared to fund their project, prepare their data and wait for the process to work through

10:45:52 From Lars Vilhuber to Everyone:

In social sciences (Econ), "big data" starts at 30GB...

10:46:05 From Bruce Wilson (ORNL; he/him) to Everyone:

@Nancy — Same. I'm the manager for the NASA ORNL DAAC.

10:46:48 From Elisha Wood-Charlson (she/her) to Everyone:

This is great, Randy - I hear this all the time as well. I love the different audiences you worked with.

10:46:49 From Sherry Lake (she/her) to Everyone:

Thanks for the clarification.

10:47:19 From Bruce Wilson (ORNL; he/him) to Everyone:

We're moving forward with a “data preprint” concept that says “we’re publishing the data as received, while we work through our QA and documentation process so that the authors can at least have a resolvable DOI”

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10:48:55 From Nancy Ritchey (NOAA) to Everyone:

We're also rethinking our internal data processes (i.e. data product approval and DOI minting policies) to align with journal DOI requirements - unintended consequences that need awareness

10:48:58 From Sylvia Spengler NSF/CISE to Everyone:

the credit for citation is a big issue

10:49:47 From Sylvia Spengler NSF/CISE to Everyone:

+1 on data citation standard

10:50:17 From Elisha Wood-Charlson (she/her) to Everyone:

+10 ^

10:50:49 From Nancy Ritchey (NOAA) to Everyone:

@Bruce we should discuss how we're responding to these requirements. Share thoughts, lessons learned

10:50:55 From Shelley Stall to Everyone:

@Sylvia The pilot work (grant from NSF) AGU is doing around credit for data is uncovering a number of technical issues with automating those links. We are working through them with the broad publishing community, but it's been really eye-opening.

10:51:13 From Sylvia Spengler NSF/CISE to Everyone:

+! on clap for AGU leadership

10:51:21 From Elisha Wood-Charlson (she/her) to Everyone:

We are adopting ESIP format, but still trying to work w/ and understand how things get populated throughout the back-end schemas

10:51:23 From Bruce Wilson (ORNL; he/him) to Everyone:

@Nancy — happy to collaborate. [wilsonbe@ornl.gov](mailto:wilsonbe@ornl.gov)

10:52:07 From Shelley Stall to Everyone:

@Randy!!! WOOOO!!!! FAIR!!!!

10:52:09 From Sylvia Spengler NSF/CISE to Everyone:

metadata,metadata,metadata

10:52:53 From Chris Erdmann (AGU) to Everyone:

@Bruce @Nancy if you want to include us to [datahelp@agu.org](mailto:datahelp@agu.org) (Shelley and I) :)

## Data Sharing Seminar Series for Societies

10:53:49 From Plato Smith to Everyone:

Trust is key. Lin, D., Crabtree, J., Dillo, I. et al. The TRUST Principles for digital repositories. Sci Data 7, 144 (2020). <https://doi.org/10.1038/s41597-020-0486-7>

10:54:05 From Nancy Ritchey (NOAA) to Everyone:

@Melissa yes I'd be interested in discussing the challenges with you.  
[Nancy.Ritchey@noaa.gov](mailto:Nancy.Ritchey@noaa.gov)

10:54:25 From Leah McEwen to Everyone:

There will be a couple minutes for questions, please feel free to post in chat.

10:55:02 From Plato Smith to Everyone:

A Primer on the Certifications of a Trusted Digital Repository (TDR)  
[https://datascience.nih.gov/trusted\\_digital\\_repository](https://datascience.nih.gov/trusted_digital_repository)

10:55:31 From Shelley Stall to Everyone:

@Plato The TRUST principles are really important. Thank you for sharing the resources.

10:55:47 From Lars Vilhuber to Everyone:

@bruce (and maybe @sylvia) what are requirements for user-contributed data enhancements? We regularly have (economists) create format-transformations of NASA or NOAA data (MODIS is a particular favorite) - to work with the GIS software they use.

10:55:56 From Elisha Wood-Charlson (she/her) to Everyone:

+100 Randy on community :)

10:55:56 From Lars Vilhuber to Everyone:

What is NOAA or NASA policy on accepting such data?

10:55:59 From Shelley Stall to Everyone:

Also the CARE Principles for Indigenous Data Sovereignty and Governance.

10:56:25 From pat moore to Everyone:

+1 CARE principles

10:56:58 From Sylvia Spengler NSF/CISE to Everyone:

+100 CARE

10:57:19 From Bruce Wilson (ORNL; he/him) to Everyone:

@Lars — for the DAACs (Distributed Active Archive Centers) the general rule is that if the derived work was funded by NASA, we can archive it. If the derived work was not funded by NASA, there is an approval process that goes through HQ to let cognizant civil servants decide if NASA can/should take on the archival and curation costs.

## Data Sharing Seminar Series for Societies

10:58:31 From Christina Chan-Park to Everyone:

have you seen the new dmptool?

10:58:47 From Christina Chan-Park to Everyone:

you have to list expected products and where they will be deposited

10:58:48 From Nancy Ritchey (NOAA) to Everyone:

@Lars for NOAA we focus on NOAA mission data and non-NOAA data that meet our mission. Here is our scope policy, <https://www.ncei.noaa.gov/sites/default/files/2019-10/NCEI%20Archive%20Collecting%20Policy.pdf>

10:58:48 From Elisha Wood-Charlson (she/her) to Everyone:

+1 DMP - we are just starting to build out resources for our community, but not sure how to connect it to publication yet

10:58:50 From Jake Yeston (he/him) to Everyone:

I hadn't yet

10:58:57 From Christina Chan-Park to Everyone:

and they now have PIDs for DMPs

10:59:04 From Philip Tarrant to Everyone:

Closing the loop with the DMP is very important, especially for funders

10:59:30 From Bonnie Crotty Nelson to Everyone:

? "new dmptool"

10:59:53 From Christina Chan-Park to Everyone:

DMPtool.org just had a new released late this spring

10:59:57 From Shelley Stall to Everyone:

+100 Rolf on Data Citations in Reference Sections!! This is how to help make sure credit happens!

11:00:09 From pat moore to Everyone:

challenge funders to actual look at previous open and data compliance as part of new grant applications

11:00:57 From Bruce Wilson (ORNL; he/him) to Everyone:

Agreed on data citation. C.f. Vannan et al <https://doi.org/10.1029/2020EO151665>

11:01:01 From Shelley Stall to Everyone:

<https://wesharedata.org>