

Data Sharing Seminar Series for Societies

Culture Change: How Studying Monarchs Inspires Transparent and Reproducible Science

3 September Chat Discussion

10:08:51 From Michael Evans to Everyone:

I am madly trying to copy/paste and bookmark these...

10:09:01 From Michael Evans to Everyone:

<https://rd-alliance.org/>

10:09:20 From Michael Evans to Everyone:

<https://copdess.org/>

10:09:40 From Michael Evans to Everyone:

<https://data.agu.org/resources/>

10:09:46 From Michael Evans to Everyone:

for others to copy/paste...

10:11:11 From Shelley Stall to Everyone:

<https://www.rd-alliance.org/oa-members>

10:11:24 From Shelley Stall to Everyone:

<https://copdess.org>

10:11:43 From Shelley Stall to Everyone:

<https://www.esipfed.org>

10:12:28 From Shelley Stall to Everyone:

<https://www.agu.org/Learn-About-AGU/About-AGU/Data-Leadership>

10:12:36 From Shelley Stall to Everyone:

Thank you Michael!!!

10:13:40 From Shelley Stall to Everyone:

<https://ezipkin.github.io/index.html>

10:16:18 From April Ulery, SSSA to Everyone:

we've all had these embarrassing moments of not being able to find old data!!!

10:17:39 From Michael Evans to Everyone:

+1... I sometimes get questions about data and analyses that refer to papers that are now more than 20y old.

Data Sharing Seminar Series for Societies

10:25:59 From Chris Erdmann (AGU) to Everyone:

Hi @Kayla would you mind sharing the checklist your lab developed?

10:27:09 From Elise Zipkin to Everyone:

Here are our lab policies including project completion guidelines:

<https://github.com/zipkinlab/Policies>

10:27:44 From Chris Erdmann (AGU) to Everyone:

Thanks @Elise!

10:28:28 From Sarah Nusser (she/her) to Everyone:

Totally agree with the parsing of parts of process - each has a different purpose for the reuser.

10:30:22 From Jonathan Petters to Everyone:

I tend to suggest researchers to document their data/code in a way that a colleague in the same sub-discipline could use it (not for every potential re-user)...can be good for new lab members too, as Elise just said!

10:34:35 From Gilles Cuny to Everyone:

The only ones who never do mistakes are the ones who do Nothing...

10:34:51 From Michael Evans to Everyone:

+1 Gilles!

10:35:36 From Anne Cambon-Thomsen to Everyone:

In biomedical and clinical research it is very important to share our protocol (you can do that before you get results), your methods of sampling (cohort, patient population etc.). My question is : how much is it useful to make open and share information related to the research before getting results from it in different domains? Basically I Wonder whether there is an optimal calendar to share the metadata and data related to the various kinds of research.

10:37:45 From Elise Zipkin to Everyone:

https://github.com/zipkinlab/Zipkin_etal_2017_Ecol

10:37:56 From Elise Zipkin to Everyone:

That is the repo with the mistake we found

10:38:22 From Elise Zipkin to Everyone:

REally good question Anne. I can talk about that

10:42:23 From Elise Zipkin to Everyone:

https://github.com/zipkinlab/Zipkin_etal_2017_Ecol/blob/master/BDOW_combo_wrapper.R

Data Sharing Seminar Series for Societies

10:43:26 From Stuart Chalk to Everyone:

Also, code that is written does not have to be perfect or up to 'professional coder' standard. As we are all self-trained in the coding it is not going to be professional.

10:44:15 From Stuart Chalk to Everyone:

How do you recruit graduate students that have no coding experience?

10:46:53 From Jeff Volenec to Everyone:

As your code evolves, are version numbers and DOIs assigned so things can be explicitly identified by downstream users in their publications?

10:48:56 From Christina Chan-Park to Everyone:

do you take advantage of any of the carpentries programs? <https://carpentries.org/>

10:52:28 From Stuart Chalk to Everyone:

It is REALLY hard to keep up with everything...

10:53:33 From Doug Schuster to Everyone:

The great thing is that you are modeling good practices for code development, documentation, management, and sharing in your lab for those who come in with no coding experience. Not all research groups emphasize the importance of this for incoming graduate students... Thx!

10:54:41 From Stuart Chalk to Everyone:

There is a need in this whole space for a service/project/tool to keep track of the data ecosystem around what/how/when you publish each of your datasets...

10:55:25 From Plato Smith to Everyone:

GitHub Guides Making Your Code Citable - <https://guides.github.com/activities/citable-code/>

10:55:56 From Chris Erdmann (AGU) to Everyone:

@Christina one really good take on The Carpentries is OpenScapes <https://www.openscapes.org/> which takes a lab/team approach. Based on <https://www.nature.com/articles/s41559-017-0160> OpenScapes is currently doing training with the NASA DAACs

10:55:58 From Jonathan Petters to Everyone:

Hear hear Doug! This is so awesome...if all researchers did this with their groups, my data management consulting services would either be out of business or forced to elevate to a higher level of support

10:57:05 From Chris Erdmann (AGU) to Everyone:

OpenScapes will be on this series in a few months I believe.

Data Sharing Seminar Series for Societies

10:58:39 From Sarah Nusser (she/her) to Everyone:

Yes, this is a huge contribution to the field that should be recognized in promotion and tenure - we need ways to document contribution, quality and impact to insert into the P&T package!