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# DMPTool Editorial Board Kickoff

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April 10, 2020

# Agenda

- Welcome!
- Introductions
- Editorial Board
- DMPTool Facts
- DMPTool Current Development Activities
- Next steps

# DMPTool Editorial Board

- One year term of service (with the opportunity to extend if desired)
- Short bi-monthly (or as needed) meetings
- Individual ownership of specific funder templates, linked to your area of focus
- Creation of new templates as needed
- Provide suggestions for default guidance and best practices
- Identification and publication of example DMPs to include in the tool

# Origin of DMPTool

- Platform work began in January 2011 and launched that October
- Direct response to demands from funding agencies, such as NSF and NIH, that researchers plan for managing their research data
- Consolidate expertise and reduce costs in addressing data management needs

## Original Contributing Institutions:

- ★ University of California Curation Center (UC3) at California Digital Library
- ★ DataONE
- ★ Digital Curation Centre (UK)
- ★ Smithsonian Institution
- ★ University of California, Los Angeles Library
- ★ University of California, San Diego Libraries
- ★ University of Illinois, Urbana-Champaign Library
- ★ University of Virginia Library



# DMPTool Today

- 43 templates for 17 US funders (NSF, DOE, DOT, etc.) and international funders
- Goal to create a bridge for researchers to discuss research data with librarians
- 46K users with 43K+ data management plans at 268 participating institutions
- 2019 facts: 9,262 plans created and 25 new organizations joined the tool

# roadmap

DMPonline (DCC-UK) and the DMPTool (CDL-US) are now established in our national contexts as the resource for researchers seeking guidance in creating data management plans (DMPs)

In March of 2018 we launched the shared codebase, [DMPRoadmap](#) which allows us to co-develop and maintain a single open-source platform for DMPs. By working together we can extend our reach, keep costs down, and move best practices forward, allowing us to participate in a truly global open science ecosystem.



# Questions?



# Machine-actionable DMP Work



The screenshot shows the NSF website with the 'Awards' section highlighted. The main content area displays 'Award Abstract #1745675' for the 'EAGER: DMP Roadmap: Making Data Management Plans Actionable' project. The project is funded by the NSF Org: ICER. The initial and latest amendment dates are both August 29, 2017. The award number is 1745675, and the award instrument is a Standard Grant. The program manager is Michael Sieracki, ICER ICER, GEO Directorate For Geosciences.

Field	Value
NSF Org:	ICER
Initial Amendment Date:	August 29, 2017
Latest Amendment Date:	August 29, 2017
Award Number:	1745675
Award Instrument:	Standard Grant
Program Manager:	Michael Sieracki ICER ICER GEO Directorate For Geosciences



RESEARCH DATA ALLIANCE





# Current state of a DMP

- Created as part of a grant application BEFORE the project starts
- Exchanged between P.I. and program officer
- Often forgotten and buried in the paperwork once the project begins
- Numerous groups involved in the research process are left out (e.g., data and software repository, field stations collecting data, curators cleaning the data, etc.)

# DMP of the not so distant future

- A living document, inventory of key project info: people, grants, methods/protocols, outputs, etc.
- Expose up-to-date information as a project progresses over time
- Be updateable over time by multiple parties in a decentralized fashion
- Contain information that is structured in a consistent, machine readable way.

# Stakeholders



Researcher



Funder



Ethics review



Legal expert



Publisher



Infrastructure  
provider



Repository  
operator



Research  
support staff



Institutional  
administrator

# The Vision

Machine-actionable DMPs will **make it easier** to manage your data

Parts of the DMP will be automatically generated and shared, thereby **alleviating administrative burdens** and **improving the quality** of information

Will **support the open science ecosystem** by exposing DMPs and making the process transparent

# The FAIR Island Project

Develop the **optimal data policies** and **technical infrastructure necessary** to create an environment where all data and knowledge collected on the Tetiaroa field station is curated and made **openly available as quickly as possible**.



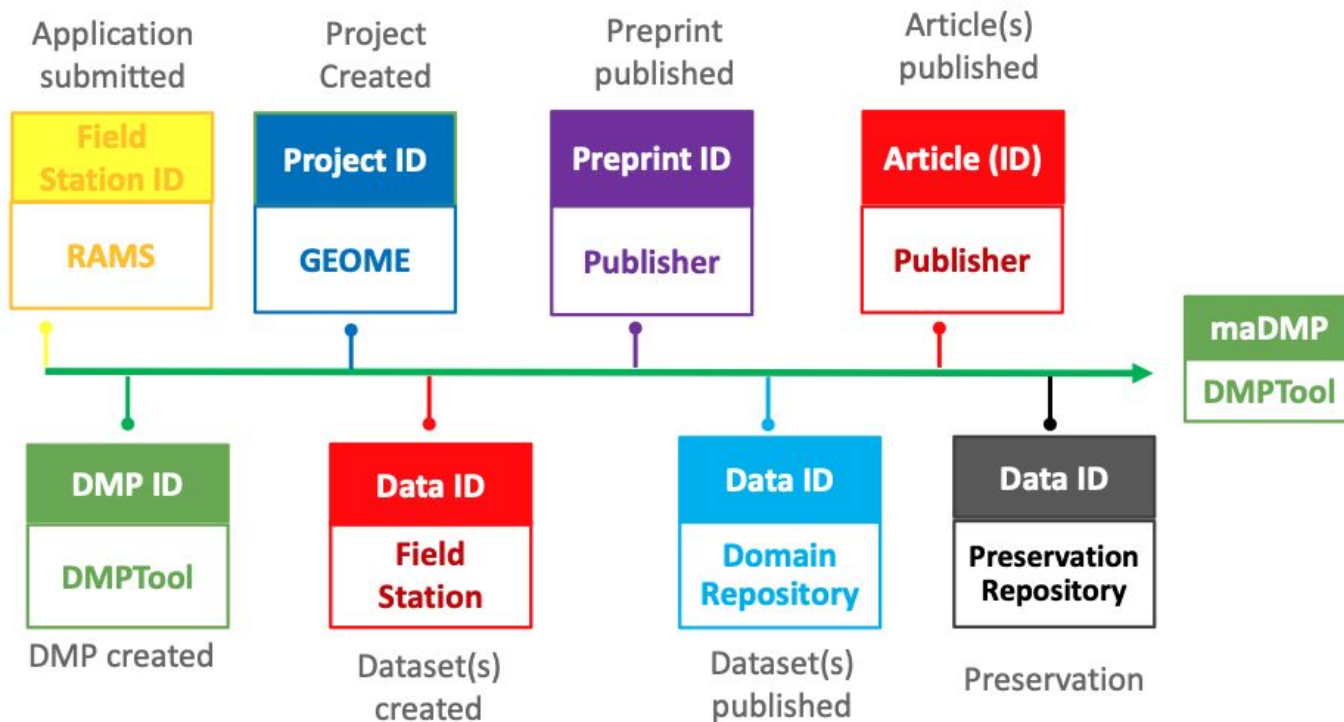
# Project Goals

- Testing the effectiveness of optimized RDM/Open Science Policies.
- Demonstrate the capabilities of machine-actionable data management plans (maDMPs) in a bounded, incubated, monitored working research environment;
- and analyse the downstream effects of these policies in the resulting release of data.



## Key areas of work

- Establishing FAIR-compliant Data Policies
- Developing Machine-Actionable DMPs
- Integrating with External Systems
- Expanding the FAIR Island Model





## Join Us!

- We're hiring: [Research Data Management Advisor](#)
- [Share your thoughts with us about optimal data policies](#) (open google doc)

[www.fairisland.org](http://www.fairisland.org)



# What's coming for DMPRoadmap/DMPTool?

- May
  - Common Standard compliant API
  - Ability to export DMPs as Common Standard compliant JSON
  - Ability to define project level contributors on your DMP
  - Ability to specify project start and end dates on your DMP
  - ROR, Fundref, ORCID integration
- June
  - Funder review workflow
  - New template question types for Re3Data, Ethics and more
  - Minting an identifier for your DMP once it is approved and complete
- August
  - Ability to define multiple datasets for your DMP

# Questions?



# What to expect from the Editorial Board

- Estimated 1-4 hours of work a month to check for requirement updates from funders, reporting to the Board, and updating templates and guidance in the DMPTool
- If you need a letter of recognition or messaging for your manager, let us know
- Flexible, iterative, social, and productive workstyle

# Next Steps

We need your support in these main areas:

First up:

1. Getting credit for participation
2. Gathering good sample DMPs to make public

Next up:

1. Support for updating templates
2. Help with updating guidance
3. Brainstorm ways to make the tool better

# Get Credit!

1. Please send us a photo and your title for our Editorial Board Members web page
2. Add participation as under “Invited positions and distinctions” on your [ORCID](#).
3. Add to your [linkedin profile](#) as Volunteer Experience and connect it to the org: DMPTool.

## Volunteer Experience



### Editorial Board

DMP Tool  
Apr 2020 – Present • 1 mo  
Science and Technology

More information on DMP Tool is available at [dmptool.org](https://dmptool.org)

### ADD INVITED POSITION

×

Organization*	Department
<input type="text" value="DMP Tool"/>	<input type="text" value="Add department"/>
City*	Role/title
<input type="text" value="Oakland"/>	<input type="text" value="Editorial Board Member"/>
State/region	URL
<input type="text" value="CA"/>	<input type="text" value="https://dmptool.org"/>
Country*	Start date
<input type="text" value="United States"/>	<input type="text" value="2020 04 01"/>
	End date (leave blank if current)
	<input type="text" value="2021 04 01"/>
	Set visibility:
	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>
	<input type="button" value="Add to list"/> <input type="button" value="Cancel"/>

# Sample DMPs

- Good quality public DMPs are one of the most commonly requested component of the tool. The current list of public plans is at [http://dmptool.org/public\\_plans](http://dmptool.org/public_plans)
- Most plans in the tool are set to private so it's generally up to us to seek these out
- Looking to diversify the public plans and add more recent exemplars to point to.

# Comments, questions, feedback?

- Open to suggestions on format, process, participation, etc!
- In the next month, please send along photo/title and sample DMPs
- Next meeting in May will get into the mechanics of our work updating templates





# Thank you!

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