**Data**    **Management**    **Planning**    **Tool(s)**

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# DMPTool

## Build your Data Management Plan
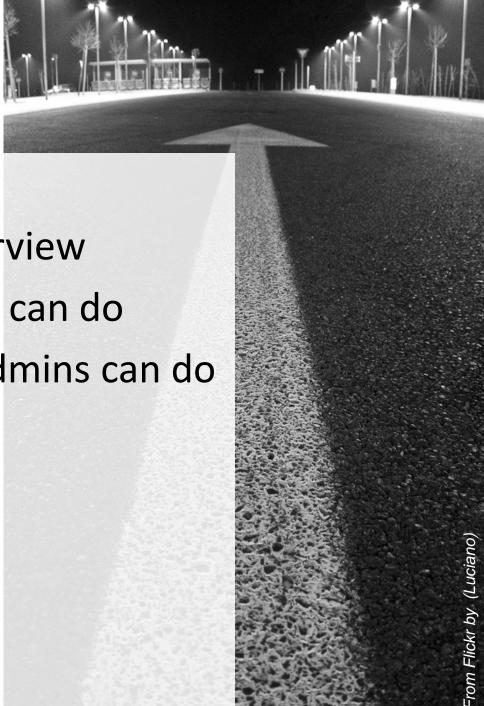
Trisha Cruse, Sherry Lake, Carly Strasser

California Digital Library, University of Virginia Library

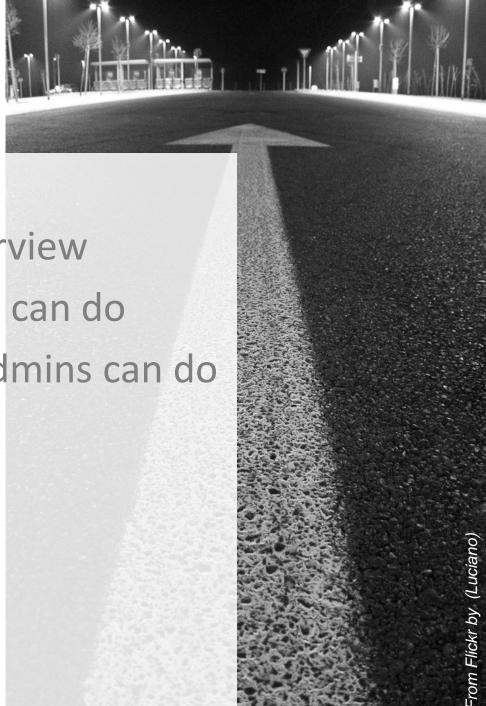DataONE Users Group
July 2014

# Road Map

1. Background
2. New website overview
3. What researchers can do
4. What DMPTool admins can do
5. take-homes
6. Q&A

*From Flickr by (Luciano)*

# Road Map

1. Background

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*From Flickr by  (Luciano)*

# DMPTool

Build your Data Management Plan

- Partners started working in January 2011
- Released in October 2011
- Developed requirements, divided work
- Self-funded / In-kind

# DMP Tool
## Build your Data Management Plan

- Connect researchers with resources to build quality DMPs

- Version 1:
  – Built for researchers
  – No functionality for editors or admins
  – URL redirect to CDL

http://dmptool.org

http://dmp.cdlib.org

DMPTool

Build your Data Management Plan

- Funded by
  - Alfred P. Sloan Foundation
  - Institute of Museum and Library Services
- Distributed project partners
- Improvements for researchers & institutional administrators
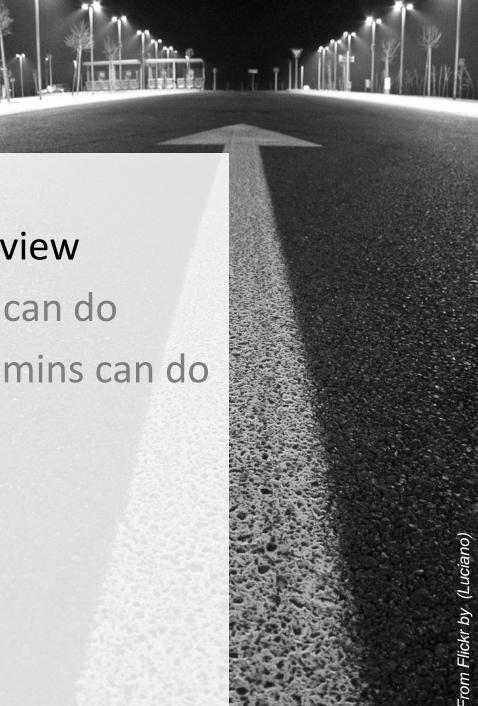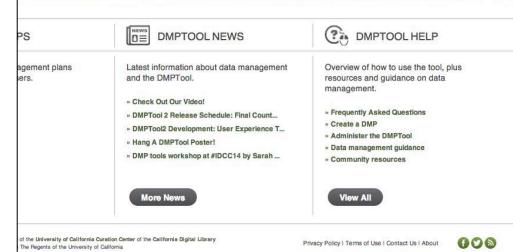- Expanding outreach

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*From Flickr by (Luciano)*

# New Stuff

- Admin tools
- Data management guidance
- Community resources
- Public DMPs
- Partners page
- External help
  - FAQ
  - Administrator help Wiki
  - Blog

# Live Demo – New Website

1. Overall layout
2. Navigation
3. Help
    a) FAQ
    b) Wiki
4. Promotional materials
5. News
6. Video

# Road Map

1. Background
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3. **What researchers can do**
4. What DMPTool admins can do
5. take-homes
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*From Flickr by (Luciano)*

# Two roles

**1. Researcher**

**-- the user**

**2. Administrator**

**-- the setup person**

# Researchers

- Create new plan
- Copy existing plans
- Work collaboratively
  - Owner & co-owner
- Request a review of their plans
- Share their plans within their institutions
- Provide public access to their plans

**DMP**Tool

Home | My Dashboard | DMP Requirements | Public DMPs | News | Help | Contact Us | About ▼ | 🖥 Log Out

**UC3**
UC Curation Center

University of California, Office of the President

🖳 UC3
💬 Contact UC3

My Dashboard | My DMPs | Create New DMP | Review DMPs | DMP Templates | Institution Profile | My Profile

👤 **MY PROFILE**

**Personal Information** | **Notification Preferences**

Please update your account information.

**Name**

| | |
|---|---|
| * Username | pcruse |
| * First name | Patricia |
| * Last name | Cruse |

**Contact Information**

| | |
|---|---|
| * Email | Patricia.Cruse@ucop.edu |
| Institution | University of California, Office of the President ▼ |

**DMP Options**

| | |
|---|---|
| My Roles | Institutional Reviewer \| Institutional Administrator ❓ |

**Other Information**

| | |
|---|---|
| ORCID | ⓘ orcid.org/0000-0002-9300-5278   Edit   Delete |

Set up your profile & notification preferences

ORCID Identifier

Fill out basic information about the plan

DMP Overview > DMP Details > DMP Preview

## DMP DETAILS

### NSF-AGS: Atmospheric and Geospace Sciences
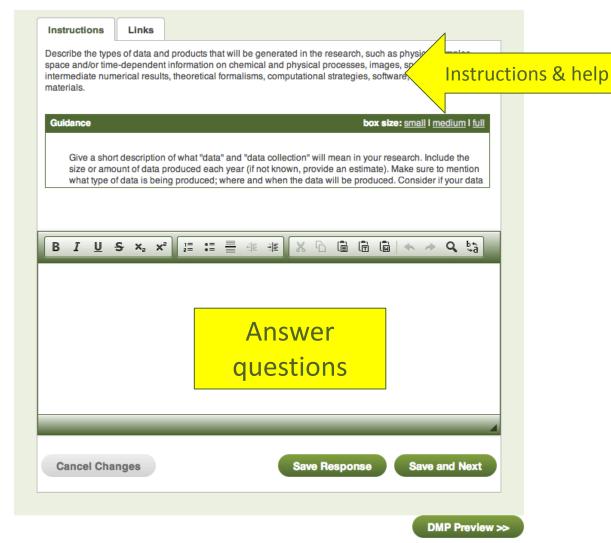
Click on a section below to edit it at any time.

✓ = Complete

\* = Mandatory

**Template Outline**

📄 **Products of research**

📄 Data format

📄 Access to data, and data sharing practices and policies

📄 Policies and provisions for re-use, re-distribution and production of derivatives

📄 Archiving of data

---

**Instructions** | **Links**

Describe the types of data and products that will be generated in the research, such as physical samples space and/or time-dependent information on chemical and physical processes, images, sp... intermediate numerical results, theoretical formalisms, computational strategies, software, materials.

| Guidance | box size: small | medium | full |
|---|---|

Give a short description of what "data" and "data collection" will mean in your research. Include the size or amount of data produced each year (if not known, provide an estimate). Make sure to mention what type of data is being produced; where and when the data will be produced. Consider if your data

**B** *I* U S x₂ x²  |  ⒈≡ ⋮≡ ≡ ⇥ ⇤  |  ✄ ▢ ▢ ▢ ▢ | ↶ ↷ 🔍 ᵇₐ

Instructions & help

Answer questions

**Cancel Changes**          **Save Response**    **Save and Next**

**<< Back**                                          **DMP Preview >>**

**Export as PDF**  **Export as RTF**

**Export plan
.txt, .rtf, .pdf**

**Submit**

| | | |
|---|---|---|
| **DMP Template:** | NSF-BIO: Biological Sciences | **Solicitation Number:** |
| **Institution:** | NonPartner Institution | **Submission Deadline:** [not specified] |
| **DMP Name:** | DMP for Salinity and Temperature Experiments on Eurytemora affinis | |

**Preview plan**

🖨 Print

### 1. Products of Research

The project will collect and analyze the following data: Conductivity and temperature from moorings and shipboard CTD ... izontal currents from Lowered ADCP and moorings, Horizontal currents from shipboard sonar, Fine and micro- ... y from the WHOI High Resolution, Fine and micro-scale temperature from fast-response thermistors.

### 2. Data Storage and Preservation

Data will be shared in matlab MAT format and/or as netCDF files. Data quality will be in accord with published uncertainty ranges for each instrument and within error bars for standard processing techniques. These PIs have experience with this mix of data types from previous collaborative reports. Data responsibilities include: PI Responsibility: A. Thurnherr. LADCP-CTD analysis: L. St. Laurent and E. Shroyer. HRP microstructure analysis: S. Jachec. Ongoing model output prediction: J. Moum, J. Nash.  Microstructure data: M. Alford, J. Nash, J. MacKinnon.

### 3. Data Formats and Metadata

All field data collected under this program will be made available as per NSF guidelines within 2 years of collection via published manuscripts, publicly available final reports to NSF, and data archiving with NODC. Recognizing that any individual PI server may become unavailable over time, data will be made available by PI website locations and also by specific request to any colleague.

### 4. Data Dissemination & Policies for Data Sharing and Public Access

   Aside from the LADCP-shipboard CTD there are currently no established standards for archiving or data from many of the fine- and micro-scale sensors used in the proposed work. This is a concern of the Climate Process Team on Ocean Mixing, of which many PIs are members. We propose to work with the CPT to evolve formats for data and metadata suitable for archiving both sensor and (critically) model output from the experiment. Field data will be provided to NODC upon project completion. Ultimate archival formats will be determined in consultation with NODC and with the CPT. Adequate archiving is anticipated to be an expensive, time-consuming task. All PIs have included funds for this in their budgets.
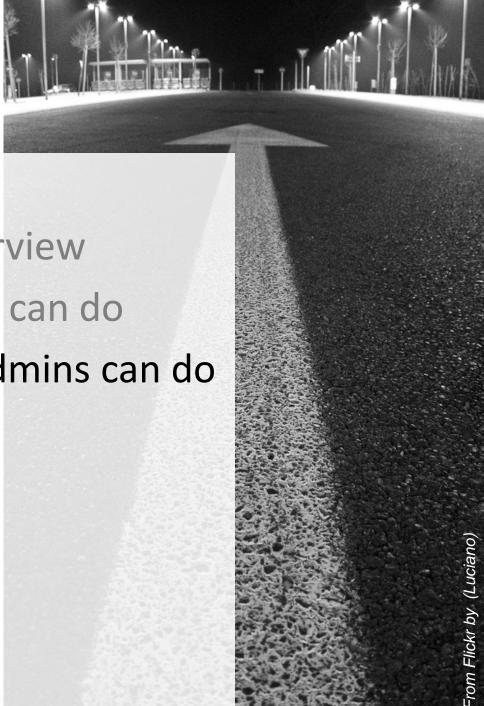
### 5. Roles and Responsibilities

Models codes to be employed are all public domain. Published peer-reviewed manuscripts will document the simulations and forcing sufficiently.

**This DMP is** private.   **Change Settings**

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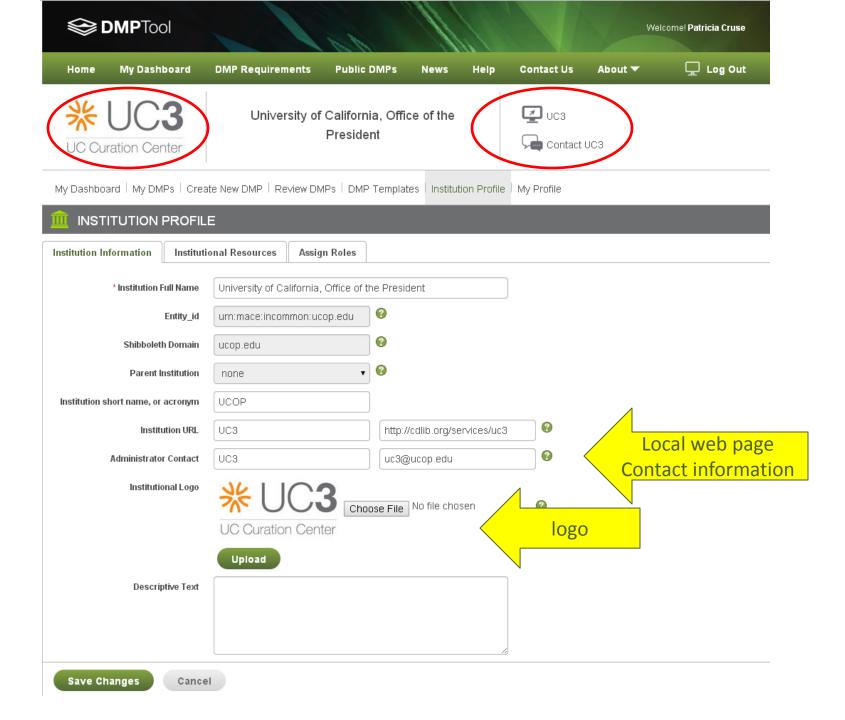5. take-homes
6. Q&A

*From Flickr by (Luciano)*

# Administrators

- Several new admin roles
  - DMP template editor
  - Resources editor
  - Institutional reviewer
  - Institutional administrator
- Review of plans can be mandatory or optional
- Implement institutional DMPs

# Expanded Administrative Roles
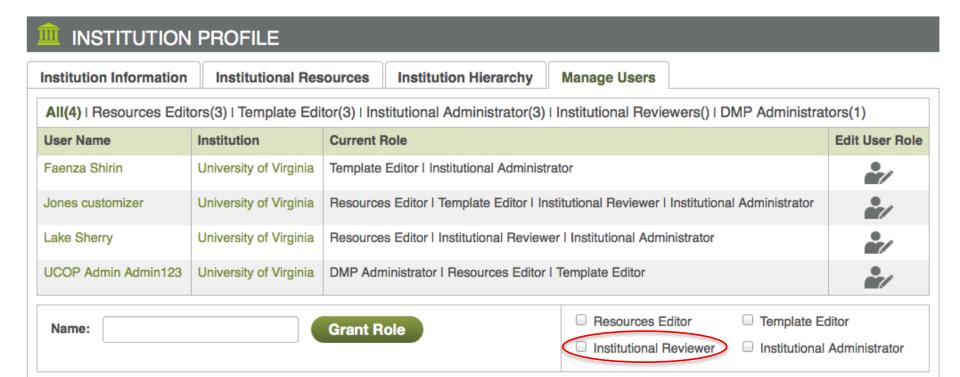
## Institutional Administrator

- Assigns institutional roles
- Performs all other editor roles

## Template Editor

- Creates & edits DMP institutional templates

## Resources Editor

- Local help text
- Links to resources
- Suggested answers
- Example answers

# DMPTool

## University of Virginia

UNIVERSITY *of* VIRGINIA

http://dmconsult.library.virginia.edu

Contact Data Management Consulting

My Dashboard | My DMPs | Create New DMP | Review DMPs | DMP Templates | Customizations | Institution Profile | My Profile

### OVERVIEW

| My DMPs | My DMPs under review |
|---|---|
| 2 plans I own | No DMPs are under review. |
| 0 plans i co-own | |

**Create New DMP**

### DMPS FOR MY REVIEW

| 0 DMPs pending review |
|---|
| 0 DMPs finished review |

### DMP TEMPLATES

| Within my Institution | Funder Requirements |
|---|---|
| 2 DMP Templates only visible to my institution | 0 Public DMP Templates from my institution |

**Create New DMP Template**
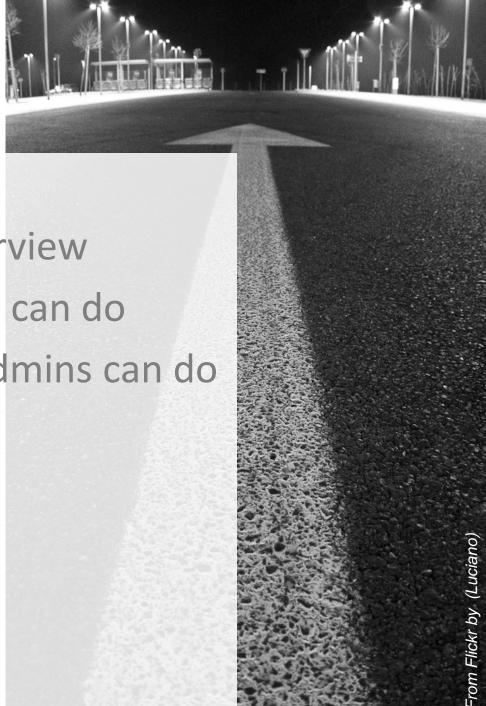
# Template Customizations

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*From Flickr by (Luciano)*

# Take-homes

- Free and open to all
- Application plus
- Data migrated to new DMPTool
- Collaborate across institutions
- Set the visibility of plans: private, X people, institution, public
- Become a partner
- Wanted: API testers

# Questions?



| | |
|---|---|
| Website | dmptool.org |
| Twitter | @TheDMPTool |
| Blog | blog.dmptool.org |
| Email | uc3@ucop.edu |