

# CoreTrustSeal

From an Institutional Data Repository Perspective



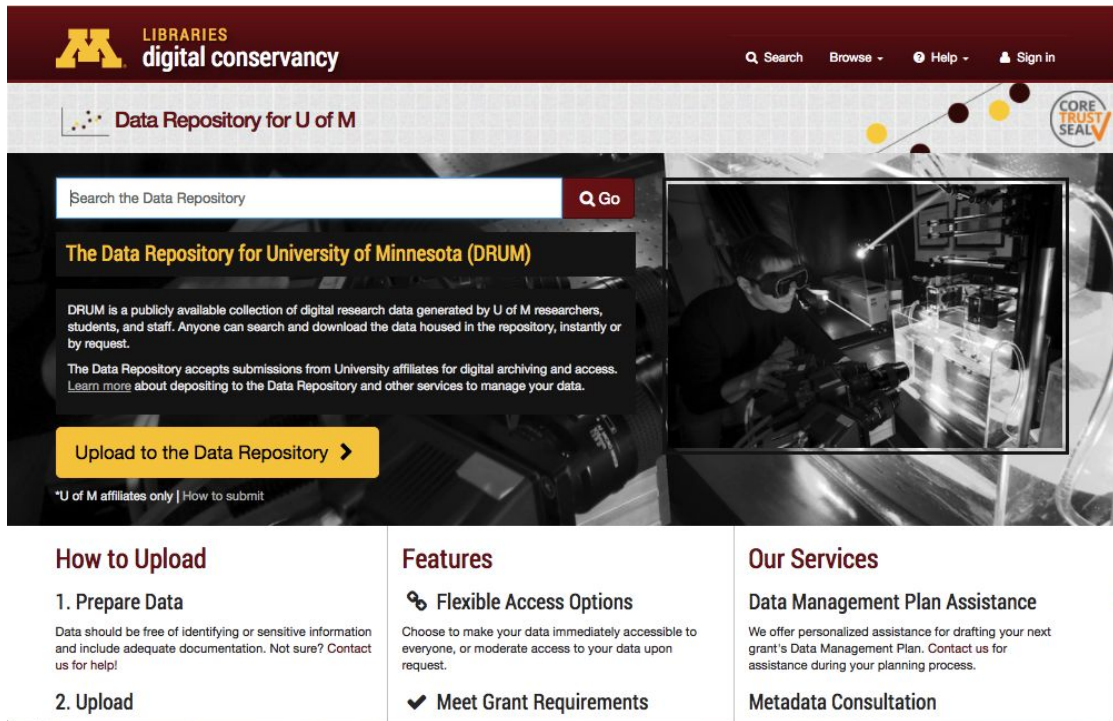
UNIVERSITY OF MINNESOTA  
Driven to Discover<sup>SM</sup>

# Background

DRUM launched in 2015 as the institutional data repository for the University of Minnesota

Managed by the University Libraries. Data storage hosted by Office of IT. Developed under leadership from Vice President for Research.

Underpinning DRUM is a campus-wide Research Data Management Policy (2015)



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**The Data Repository for University of Minnesota (DRUM)**

DRUM is a publicly available collection of digital research data generated by U of M researchers, students, and staff. Anyone can search and download the data housed in the repository, instantly or by request.

The Data Repository accepts submissions from University affiliates for digital archiving and access. [Learn more](#) about depositing to the Data Repository and other services to manage your data.

**Upload to the Data Repository**

\*U of M affiliates only | [How to submit](#)

**How to Upload**

- 1. Prepare Data**  
Data should be free of identifying or sensitive information and include adequate documentation. Not sure? Contact us for help!
- 2. Upload**

**Features**

- Flexible Access Options**  
Choose to make your data immediately accessible to everyone, or moderate access to your data upon request.
- Meet Grant Requirements**

**Our Services**

- Data Management Plan Assistance**  
We offer personalized assistance for drafting your next grant's Data Management Plan. Contact us for assistance during your planning process.
- Metadata Consultation**

<http://z.umn.edu/DRUM>

# Certification

DRUM acquired the CoreTrustSeal on  
May 25, 2017

Originally applied under the Data Seal of  
Approval guidelines but got caught in the  
transition.

Lengthy internal process. Started work on  
self-assessment in March 2016.

Goals: Use the tool as benchmarking local  
practice against recognized standards.  
The certification was an added bonus!

Unclear response from users. I.e. no one  
has heard of it.



## Implementation of the CoreTrustSeal

The CoreTrustSeal board hereby confirms that the Trusted Digital repository DRUM (The Data Repository for University of Minnesota) complies with the guidelines version 2017-2019 set by the CoreTrustSeal Board. The afore-mentioned repository has therefore acquired the CoreTrustSeal on May 25, 2017.

The Trusted Digital repository is allowed to place an image of the CoreTrustSeal logo corresponding to the guidelines version date on their website. This image must link to this file which is hosted on the CoreTrustSeal website.

## R2: Licenses

**R2. The repository maintains all applicable licenses covering data access and use and monitors compliance.**

Guidance: Repositories must maintain all applicable licenses covering data access and use, communicate about them with users, and monitor compliance. This Requirement relates to the access regulations and applicable licenses set by the data repository itself, as well as any codes of conduct that are generally accepted in the relevant sector for the exchange and proper use of knowledge and information. Reviewers will be seeking evidence that the repository has sufficient controls in place according to the access criteria of their data holdings, as well as evidence that any relevant licences or processes are well managed. For this Requirement, please describe:

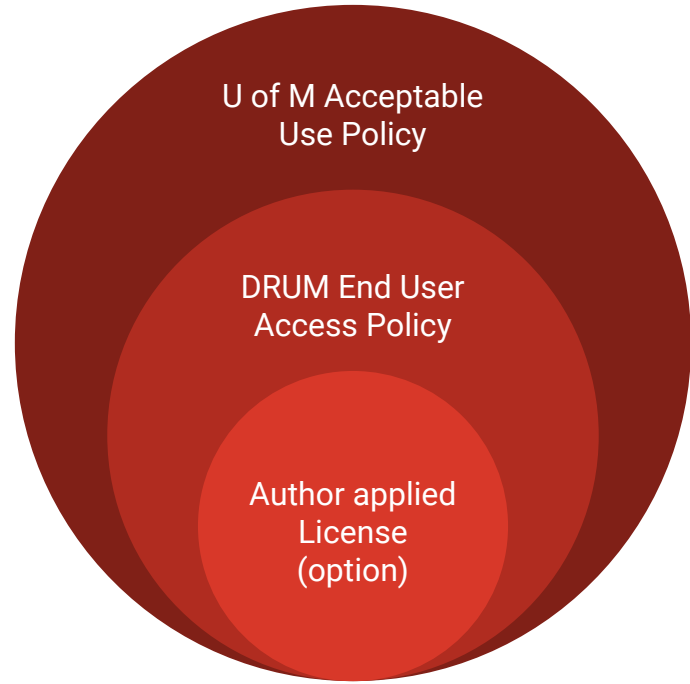
- License agreements in use.
- Conditions of use (distribution, intended use, protection of sensitive data, etc.).
- Documentation on measures in the case of noncompliance with conditions of access and use.
- Note: Used in conjunction with R4 (Confidentiality/Ethics) and R10 (Preservation Plan).

## R2: Licenses - Minnesota's Response

Creative Commons Licenses and other well defined licenses such as GNU.

DRUM End User Access Policy and Terms of Use (also addressing R4)

U of M Acceptable Use Policy



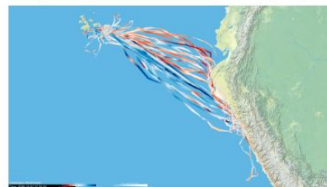
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## DynamoVis - Dynamic Visualization of Animal Movement Data

Somayeh Dodge; Glenn Xavier; Wing Yi Wong (2018)



**Persistent link to this item**  
<https://doi.org/10.13020/D6PH49>  
<http://hdl.handle.net/11299/197620>

**Services**  
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**Published Date**  
2018-06-01

**Author Contact**  
Dodge, Somayeh ([sdodge@umn.edu](mailto:sdodge@umn.edu))

**Type**  
Dataset  
Programming Software Code

**Abstract**  
Exploring movement, as an important aspect of spatiotemporal processes, has gained new momentum from the availability of large spatiotemporal datasets. This has given rise to the development of new exploratory and analytical techniques to generate new insight into dynamic processes and the spatiotemporal context in which they operate. This study develops a new dynamic visualization tool, called "DYNAMOVIS: Dynamic Visualization of Movement", developed for the exploratory analysis of movement in relation to the environment and geographic context. DYNAMOVIS applies visual variables such as point and line width, color, and directional vector to visualize movement tracks in their attribute space (e.g. movement parameters and contextual attributes) using real case studies from Movement Ecology, we show how hybrid and dynamic visualizations can strengthen spatiotemporal research by facilitating data exploration, generating new hypotheses, discovery of patterns and dependencies, as well as promoting interdisciplinary research collaborations.

**Referenced by**  
Xavier, G. and Dodge, S., (2014). An Exploratory Visualization Tool for Mapping the Relationships between Animal Movement and the Environment. In Proceedings of the 2nd ACM SIGSPATIAL International Workshop on Interacting with Maps, pp. 36-42, doi:10.1145/2677068.2677071  
<https://doi.org/10.1145/2677068.2677071>

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**Suggested Citation**  
Somayeh Dodge; Glenn Xavier; Wing Yi Wong (2018). DynamoVis - Dynamic Visualization of Animal Movement Data.

<http://dx.doi.org/10.7183/2326-3768.4.1.71>

### License

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### Suggested Citation

Porter, Samantha T; Roussel, Morgan; Soressi, Marie (2018). Three Dimensional Mod

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ization of Animal Movement Data

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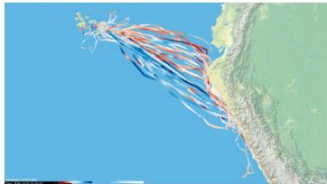
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File Name/Description	Size	Format
	2.47Mb	application/zip
	3.324Kb	Text file

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The Data Repository is an open access repository and makes collection holdings freely available, worldwide. Data authors may choose to make their data available in two ways:

- Open Data (default): These data are available for immediate download. Users may contact the author with questions regarding the data. Authors may choose to apply a Creative Commons license to their data, which will give users certainty that they do not need permission for any uses allowed by the license. However, even without a Creative Commons license, users will be able to download and use data - subject to the [DRUM Terms of Use](#).
- By Request: In some cases, an author may choose to control access to their work, for up to 2 years, by which end-user access is moderated through the authors' permission (via email). If this is the case, the restriction and request form are clearly indicated in the record of the data. If you have trouble requesting access to data or do not get a response via email, please [contact the Data Repository staff](#).

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The screenshot displays the University of Minnesota Policy Library website. At the top is a dark red header with the University of Minnesota logo and the tagline "Driven to Discover™". To the right of the header are links for "One Stop" and "MyU" with a user icon. Below the header is a large, light-colored banner with the text "UNIVERSITY POLICY LIBRARY" in a serif font. Underneath the banner is a navigation bar with several tabs: "Home", "Policies", "Campus Policies", "College Constitutions", "Policy Owner Resources", and "About Policy". The main content area is titled "ADMINISTRATIVE POLICY" and features the heading "Acceptable Use of Information Technology Resources". Below this heading is a table with four columns: "Responsible University Officer(s)", "Policy Owner(s)", "Policy contact(s)", and "Date Revised". The table contains one row of information. Below the table is a section titled "POLICY STATEMENT" which begins with the text "Computers and other information technology resources are essential tools in accomplishing the University's mission." To the right of the policy statement is a "Jump to:" link with a dropdown menu showing "Procedures" and "Forms".

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ADMINISTRATIVE POLICY

Acceptable Use of Information Technology Resources

<b>Responsible University Officer(s):</b> <ul style="list-style-type: none"><li>Vice President for Information Technology</li></ul>	<b>Policy Owner(s):</b> <ul style="list-style-type: none"><li>Vice President for Information Technology</li></ul>	<b>Policy contact(s):</b> <ul style="list-style-type: none"><li><a href="#">Brian Dahlin</a></li></ul>	<b>Date Revised:</b> Aug 13, 2015 <b>Effective Date:</b> Dec 1, 1996
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POLICY STATEMENT

Computers and other information technology resources are essential tools in accomplishing the University's mission. Information technology resources are valuable community assets to be used and managed responsibly to ensure their integrity, confidentiality, and availability for

Jump to:  
[Procedures](#)  
[Forms](#)

# Question regarding R2: Licenses

Q1: What metadata displays when no license is applied by the author? Only this information is carried with the metadata (OAI feed, DataCite record etc.).

- There is not a “No License” license.... All Rights Reserved? All rights reserved to the extent possible under US copyright law?

Q2: What if a repository currently does not have an established standard license? How can a repository determine and implement the appropriate license types?

- Journal data sharing requirements (PLOS, Nature etc.)
- Issues in copyright law and data: Are licenses necessary for data at all?

Q3: What are the methods that repositories could use to monitor licensing compliance?

- Citation trackers? Plagiarism tools?
- What is our role to intervene?