



Symposium for Research Administrators

University of Wisconsin-Madison
October 25th, 2022



Collaborating with the Libraries to Advance Research

Ariel Andrea

Cameron Cook

Deborah Helman

What we hope you'll leave with

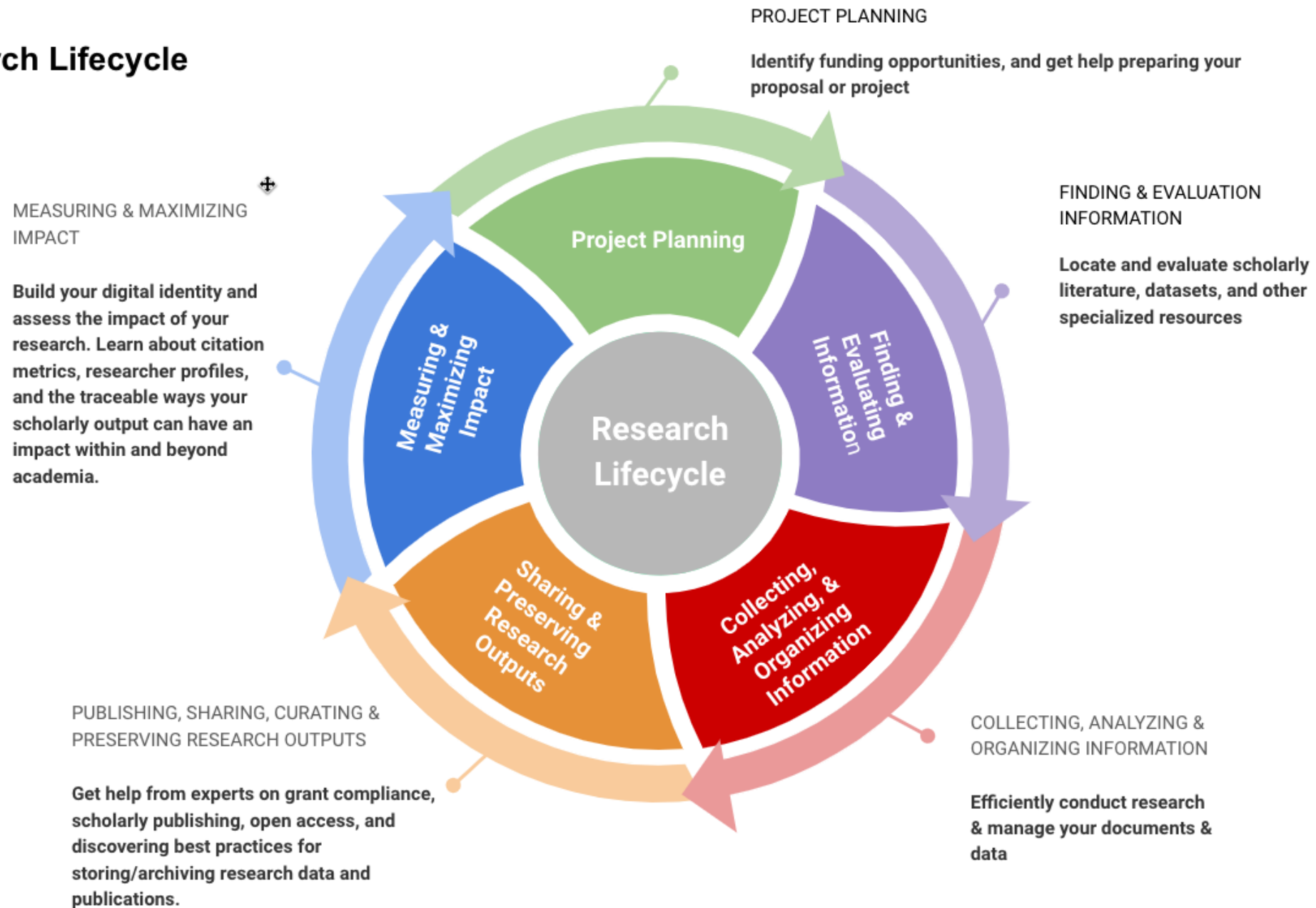
- An understanding of **what library services are available at UW-Madison that support research**, including specific examples of how these services have helped others
- Be able to identify **when collaborating with library staff would be beneficial** to supporting research and research administration activities
- Be able to **find key services and resources that support research** on the UW-Madison Libraries' website
- An **understanding of how to connect and collaborate with library staff** to support your work

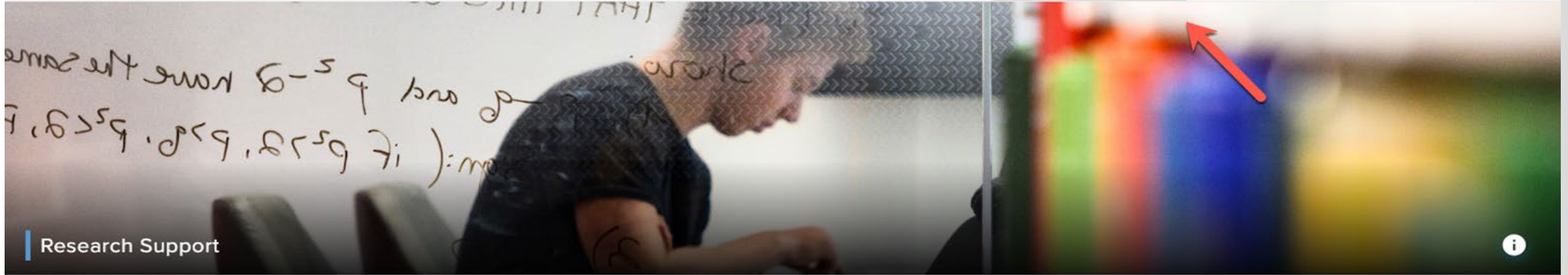
Network of Information Experts

- Collections/Archives
- Finding, using and managing information (including data - grants - literature - images - media - patents)
- Data management & Digital Scholarship
- Open publishing and scholarship / Sharing knowledge
- Public access compliance
- Researcher ID & Scholarly Profiles
- Research impact



Research Lifecycle





Planning Your Research Project

Identify funding opportunities, and get help preparing your proposal or project

[Data Management Plans](#)

[Grants & Scholarship Research Guides](#)

[Research Proposal Guide](#)



Finding & Evaluating Information

Locate and evaluate scholarly literature, datasets, and other specialized resources

[Data Services](#)

[Datasets](#)

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Collecting, Organizing, & Analyzing Information

Efficiently conduct research and manage your documents and data

[Citation Managers](#)

[Electronic Laboratory Notebooks](#)

Featured Research Support Resources

[Library Micro-Courses](#)

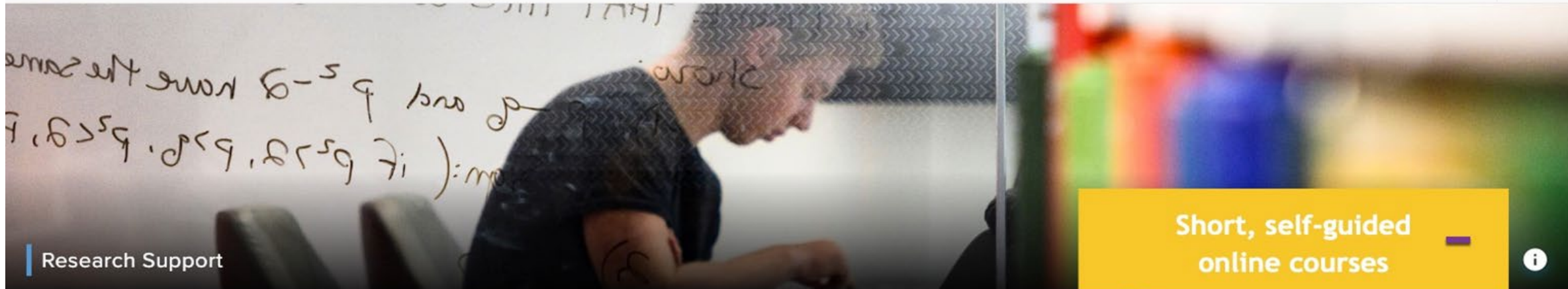
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Find the librarian that supports your discipline or department/center

Finding Grants



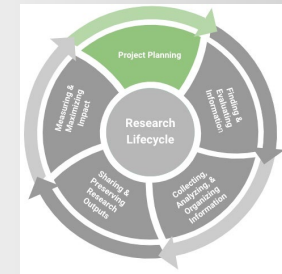
Welcome

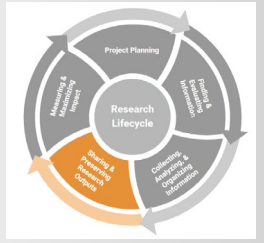


- Library Micro-course on Grants & Funding
- Consultations with our Grants Librarian

Research Guides How to Find Funding gowisc.edu/u6a0wf

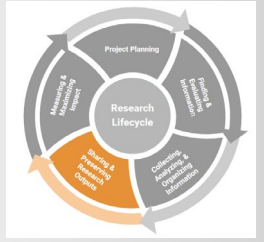
- Finding Federal Funding
- Funding for Academics and Researchers
- Funding for Graduate Students
- Funding for Individuals
- Funding for International Students
- Funding for Study or Research Abroad
- Funding for Undergraduates
- Funding for UW-Madison Study
- Grant Proposal Writing





Open Publishing

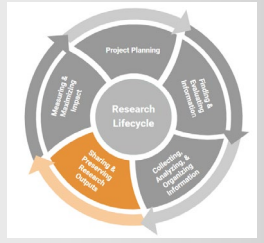
- What is Open Publishing?
 - Can refer to articles, books, research data, multimedia, etc
 - It is **freely available online** (either immediately or with some delay)
 - Often has **few or no restrictions on reuse**
- Guidance for managing copyright & author's rights, including licenses for sharing/reuse of a work
- Identifying journal options for open access publishing
- Subsidizing author publishing fees that support open access
 - Currently: Wiley (pilot), Cambridge University Press, PLOS Medicine & PLOS Biology, SCOAP3 (Assorted High Energy Physics) journals



Public Access Requirements

- Public access is currently required after 12 months as from many federal agencies
- Each agency/funder has its own requirements for how, when and where to make a publication available to the public (details @ pas.wisc.edu)
- Changes are coming to federal requirements (including an expansion to all federal agencies) - agencies are planning now (so more to come!)
- Non-compliance can result in suspension of a current award or future funding

| Agency/Funder | Impacts | Manuscript Submission Portal |
|------------------------------|---|---|
| Department of Defense (DOD) | No public access requirement at this time. See award terms for requirements. | Defense Technical Information C |
| Department of Education (ED) | Peer-reviewed publications produced in whole or part by ED grantees on and after October 1, 2011. | ERIC |



Getting helping with public access requirements

- Contact your librarian or Carrie Nelson for guidance or help carrie.nelson@wisc.edu

OR

- Get assistance with submissions, compliance reviews and more. They will assist you through BuckySubmit or through their PARTNERS program

<https://pas.wisc.edu/>





ORCID Profiles

- Unique identifier for researchers
- Saves you time – “enter once, re-use often”
- Increases discoverability of your research outputs
- Researchers can delegate management of their profile to others
- Required by many funders (NIH, NSF, DOE), and publishers (Wiley, Springer Nature, IEEE)

ORCID
Connecting research and researchers



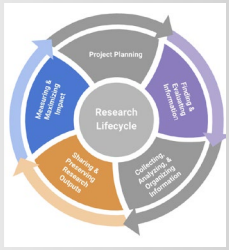
[https://orcid.org/
0000-0001-9475-6834](https://orcid.org/0000-0001-9475-6834)

[Preview public record](#)

SciENcv: Science Experts Network Curriculum Vitae

- Profile system for federally funded research
- Required for NIH funding, option for NSF
- Create biosketches tailored to specific grant applications
- Researchers can delegate management to others
- Connects with ORCID





Measuring Research Impact

- Citation counts and analysis
 - Databases like Web of Science, Scopus
 - Libraries offer custom reporting
- Broader impacts
 - Greater societal benefit of research
 - Required for some grant applications (NSF)

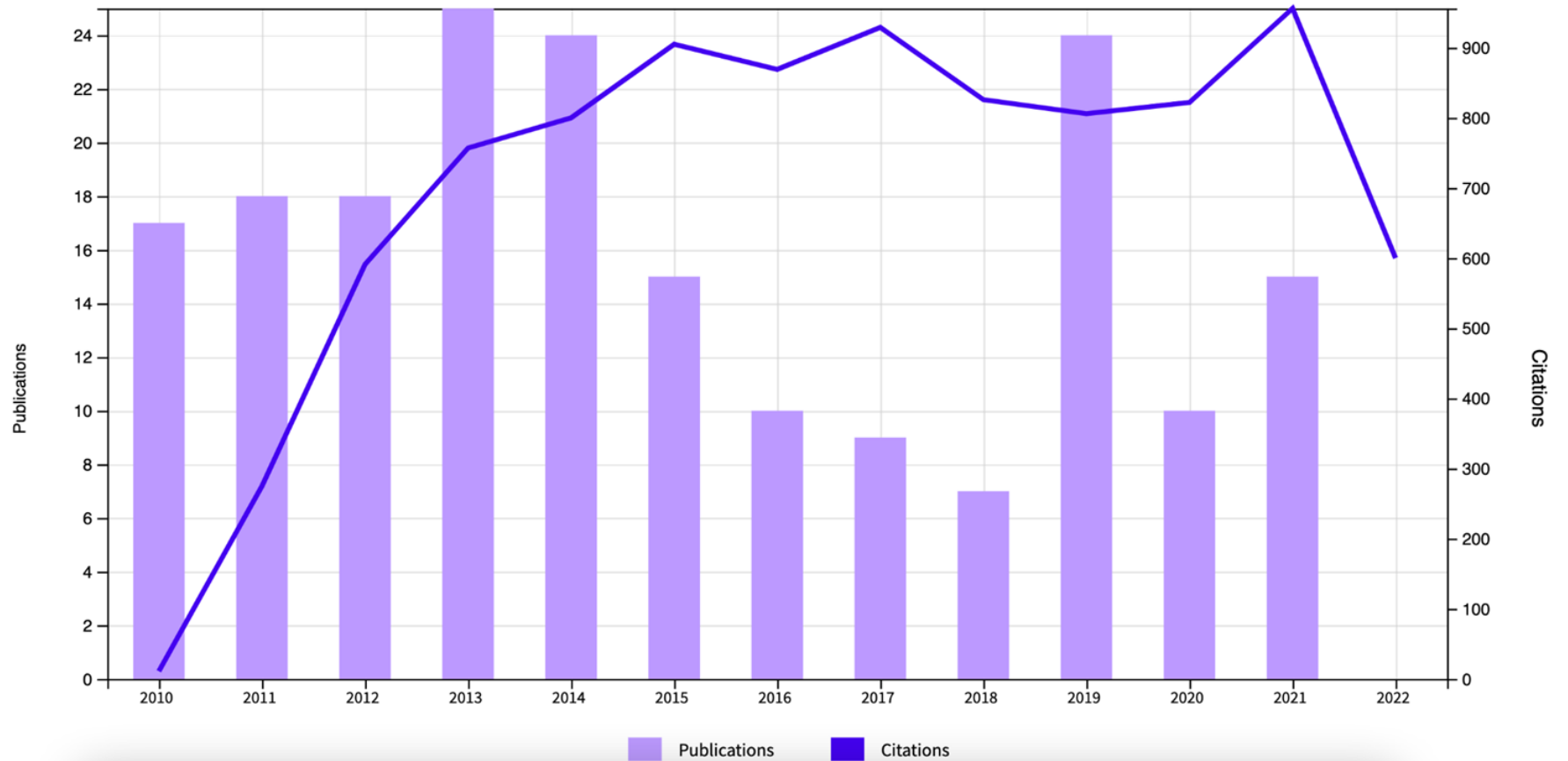
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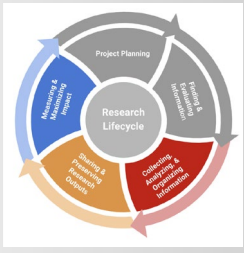
Measuring & Maximizing Impact

Explore library services that can help you build your digital identity and assess the impact of your research. Learn about citation metrics, researcher profiles, and the traceable ways your scholarly output can have an impact within and beyond academia.



Measuring Research Impact





Citation Managers

- Tools that help you collect, organize, cite, and share references
- Organize all the PDFs of papers from your department into one library
- Analyze those papers based on author, publication source, etc.
- Create citations in any required format for use in grant applications, publications, website posting, etc



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RESEARCH NETWORKS



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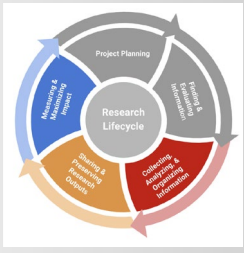
citation managers

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research and citations



Citation Managers

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Search: Title, Creator, Year

| Title | Creator | Year |
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| Medicine and the Market in England and Its Colonies, C.1450-... | Jenner and Wallis | 2007 |
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Info Notes Tags Related

Item Type: Journal Article

Title: Circulation of Medicine in the Early Modern Atlantic World

Author: Cook, Harold J.

Author: Walker, Timothy D.

Abstract: The search for powerful drugs has caused people and commodities to move around the globe for many centuries, as it still does...

Publication: Social History of Medicine

Volume: 26

Issue: 3

Pages: 337-351

Date: 2013/08/01

Series: Soc Hist Med

Language: en

DOI: 10.1093/shm/hkt013

ISSN: 0951-631X

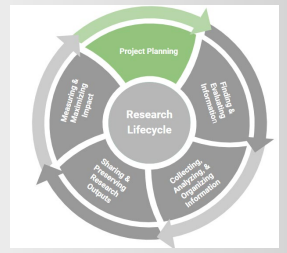
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Accessed: 1/24/2018, 10:17:12 AM

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Modified: 1/24/2018, 11:50:15 AM

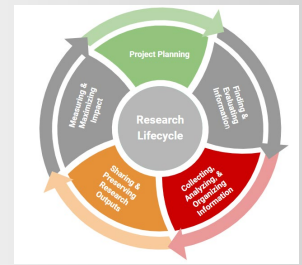
new NIH requirements.



- Take effect January 23, 2023
- Feels similar to many existing requirements from other agencies
- Affects all NIH researchers generating scientific data
- Requires a Data Management & Sharing Plan (DMSP)
 - Institutes, Centers and Offices (ICOs) can institute more specific guidance
 - Genomic data policy is still in effect and has specific DMSP guidance
- All scientific data are required to be shared in a timely manner
- Plan will be reviewed and treated as living document
- Non-compliance with the plan after the end of the funding period may affect future funding
- Generalist Repository Ecosystem Initiative (GREI)



Research Data Services
UNIVERSITY OF WISCONSIN-MADISON



We **love** your data too.

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data management plans

personal consultations

education & training

researchdata.wisc.edu & @UWMadRsSchSvcs

DMPTool

<https://dmptool.org/>



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2022 NSF

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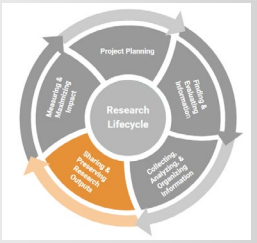
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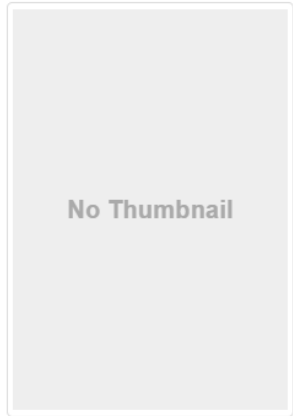
Project title *

2022 NSF Mock Project



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Simulated GOES ABI brightness temperatures from the 2019 OU-CAPS Hazardous Weather Testbed FV3-LAM simulations



To access the dataset, follow the permanent link below or copy and past the following into your browser: https://app.globus.org/file-manager?origin_id=86401693-5974-4013-b498-eb4484e08eb4&origin_path=%2FSSEC%2FCIMSS%2F

Subject
Brightness temperature
Remote sensing

Related Material/Data
https://app.globus.org/file-manager?origin_id=86401693-5974-4013-b498-eb4484e08eb4&origin_path=%2FSSEC%2FCIMSS%2F

DOI
<https://doi.org/10.21231/6s0z-zt47>

File(s)
 Dataset README (1.816Kb)

Citation
Griffin, Sarah, Jason Otkin, and Timothy Supinie. "Simulated GOES ABI Brightness Temperatures from the 2019 OU-CAPS Hazardous Weather Testbed FV3-LAM Simulations." Cooperative Institute for Meteorological Satellite Studies, University of Wisconsin-Madison, 2021.

File Manager

Collection: Minds@UW

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NAME

- Simulated-GOES-ABI-brightness-temperatures
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ICPSR



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Q&A

Questions for us?

- Share any questions you have with us
- Can we help connect you to the right person/service in the Libraries?

Questions for you

- What is your biggest challenge? What is the biggest challenge from the perspective of the researchers you work with?
- What are the most common questions you get from researchers?
- What are gaps you see that would improve the research enterprise on campus?