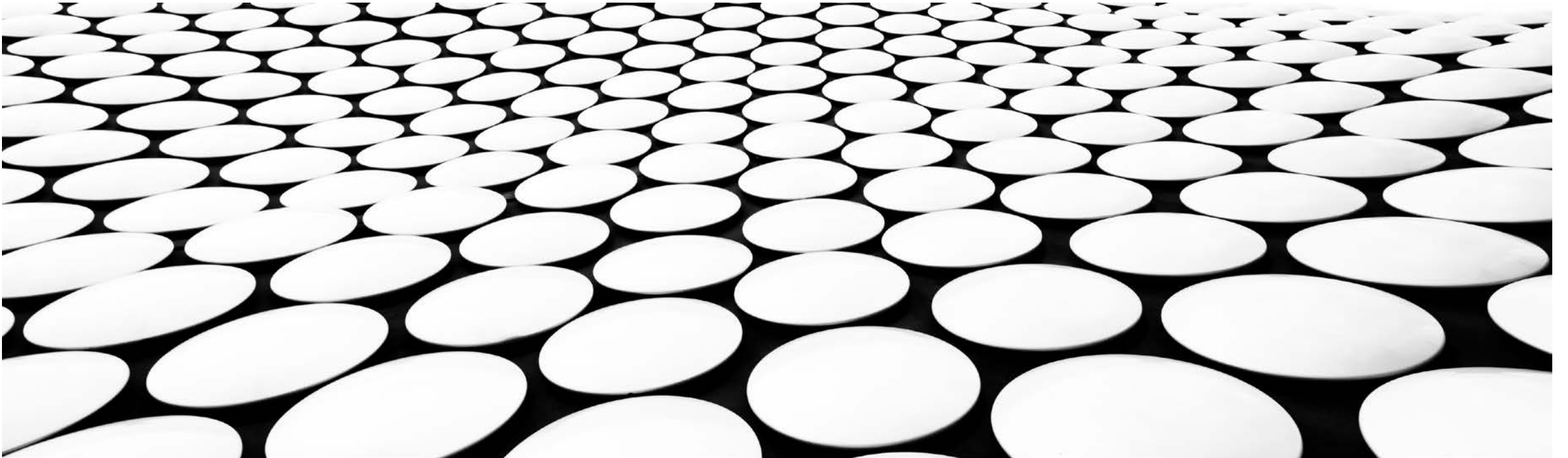


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# **FUNDER MANDATES?**

## **HOW TO REMAIN COMPLIANT FOR OPEN ACCESS AND OPEN DATA**



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## LEARNING OBJECTIVES

- Definitions
- Funder policies
  - Know what is required
- Get organized
- Licensing
- Getting help

### CAVEATS:

- I'm not a lawyer
- This presentation DOES NOT COVER proprietary or confidential information, including but not limited to PII, government security, contract terms, etc.

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# OPEN LANDSCAPE

- Open = free to access, use, modify, and share for any purpose
  - Open Access
  - Open Data
  - Open Science
  - Open Scholarship
  - Open Knowledge
  - Open Source
  - Open Educational Resources

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# OPEN GOVERNMENT DATA ACT (OPEN, PUBLIC, ELECTRONIC, & NECESSARY)

Foundations for Evidence-Based Policymaking Act of 2018 was signed by the President on January 14, 2019.

The OPEN Government Data Act is Title II this Act

- 1 year for agencies to be prepared (infrastructure and documentation)
- Codified into US law “open by default” for all government data.
  - Requires data to be machine readable, distributed for open formats, and assigned open licenses
- Directs agencies to support innovative uses of government data, adopt consistent data practices across government, and develop best practices for Open Data.
- Mandated oversight by Office of Management and Budget
  - Mandated OMB to develop tools, standards, and guidance for implementation = resulting in [resources.data.gov](https://resources.data.gov)
- ALL government funded research is required by law to be preserved and openly available on the internet (unless otherwise prohibited by contract)

**SO, WHAT DOES  
OPEN THAT MEAN?**

- Open = content is FREE to
  - Use,
  - Modify, &
  - Share ...
  - by anyone
  - for any purpose

**WHAT OPEN  
MEANS TO  
FEDERAL FUNDING  
AGENCIES**

- Open = products must meet these requirements:
  - Openly licensed or in the public domain
  - Free Access
  - Machine Readable
  - In an Open format

---

## WHAT IS AN OPEN LICENSE

- For a work to be openly licensed it must provide an *irrevocable* license for anyone to:
  - Use
  - Redistribute
  - Modify
  - Separate
  - Compile
  - Propagate
  - Non-discriminatory
  - For any purpose
  - For no charge

**SPARC\***

<http://datasharing.sparcopen.org/data>

- Provides a synopsis for each agency



DMPTool <https://dmptool.org/>

- Built and supported at University of California
- Online tool to assist researchers in writing required data management plans
- Provides step by step guidance with funder agency specifications
- You can save or print your plan for edits, if needed
- You can share your DMP so others can use your plan as a template or guidance

**FUNDER  
MANDATES**



# FUNDER MANDATES: TOOLS

Mississippi State University

[My Dashboard](#) [Create plan](#)

**My Dashboard**  
Welcome

[Learn](#) [MaryAnn Jones](#) [Language](#)

- Funder Requirements
- Public Plans
- Participating Institutions
- FAQ
- Editorial Board

- For Researchers
  - Quick Start Guide
  - Data Management General Guidance
- For Administrators
  - Promote the DMPTool

✉ Stephen Cunetto

Mississippi State University

[My Dashboard](#) [Create plan](#)

**My Dashboard**  
Welcome

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- Funder Requirements**
- Public Plans
- Participating Institutions
- FAQ
- Editorial Board

- For Researchers
  - Quick Start Guide
  - Data Management General Guidance
- For Administrators
  - Promote the DMPTool

✉ Stephen C

There are no records associated

|   |   |   |            |   |   |   |
|---|---|---|------------|---|---|---|
| NIH-GDS: Genomic Data Sharing   |     | National Institutes of Health (NIH)                   | 11-10-2020 | <a href="#">NIH Genomic Data Sharing Policy [PDF]</a><br><a href="#">NIH Public Access Plan [PDF]</a><br><a href="#">NIH GDS Policies and Supplemental Information</a>  |     |   |
| NIH-GEN DMSP (Forthcoming 2023)   |     | National Institutes of Health (NIH)                   | 02-01-2021 | <a href="#">Final NIH Policy for Data Management and Sharing</a>  |     | <a href="#">Elements of an NIH Data Management and Sharing Plan</a><br><a href="#">Selecting a Repository for Data Resulting from NIH-Supported Research</a><br><a href="#">Allowable Costs for Data Management and Sharing</a> |
| NIH-GEN: Generic (Current until 2023)                                     |     | National Institutes of Health (NIH)                   | 02-18-2021 | <a href="#">NIH Data Sharing Policy and Implementation Guidance</a><br><a href="#">NIH Public Access Plan [PDF]</a><br><a href="#">NIH Data Sharing Policies by Program</a>   |     | <a href="#">NIH Examples of Data Sharing Plans</a>  |
| NIST: National Institute of Standards and Technology Data Management Plan |     | National Institute of Standards and Technology (NIST) | 11-30-2020 | <a href="#">Managing Public Access to Results Funded by NIST</a><br><a href="#">NIST Plan for Providing Public Access to Results of Federally Funded Research</a>   |     |   |
| NSF-AGS: Atmospheric and Geospace Sciences                                |   | National Science Foundation (NSF)                     | 09-04-2020 | <a href="#">NSF Proposal &amp; Award Policies &amp; Procedures Guide (PAPPG)</a><br><a href="#">NSF-AGS Advice to PIs on DMPs</a><br><a href="#">NOAA Instructions for Paleoclimatology Data</a><br><a href="#">AGS Data Management Form</a><br><a href="#">Frequently Asked Questions (FAQs) for Public Access</a> |   |   |

**\* Select the primary funding organization**

Funder

National Science Foundation (NSF)

**Which DMP template would you like to use?**

Arctic Data Center: NSF Polar Programs



Arctic Data Center: NSF Polar Programs

BCO-DMO NSF OCE: Biological and Chemical Oceanography

NSF-AGS: Atmospheric and Geospace Sciences

NSF-AST: Astronomical Sciences

NSF-BIO: Biological Sciences

NSF-CHE: Chemistry Division

NSF-CISE: Computer and Information Science and Engineering

NSF-DMR: Materials Research

NSF-DMS: Mathematical Sciences

NSF-EAR: Earth Sciences

NSF-EHR: Education and Human Resources

NSF-ENG: Engineering

NSF-GEN: Generic

NSF-PHY: Physics

NSF-SBE: Social, Behavioral, Economic Sciences

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## STAYING ORGANIZED

- There isn't any software that can do this for you!!
- KNOW the requirements
- Keep track of the requirements
  - those as you complete required tasks
  - If you apply to the same agency multiple times, create a template of requirements that you can use for each grant.

# LICENSING

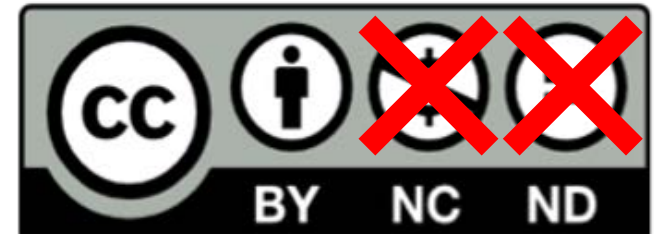
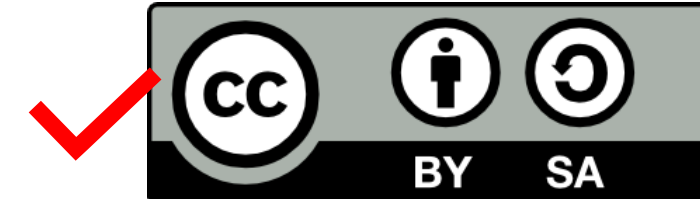
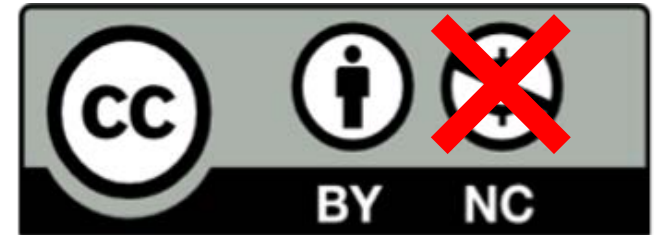
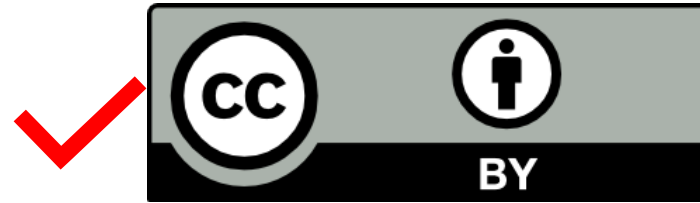
- Creative Commons

- Most popular

- Provides an easy, recognizable license

- Choose from several options

- Be careful of violating the requirements of your funder



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## LICENSING SPECIFICALLY FOR DATA

- Open Data Commons

<https://opendatacommons.org/>

- a set of legal tools and licenses to help you publish, provide and use open data
- ODbL (Open Database License)
- DbCL (Database Contents License)



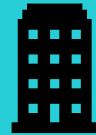
## FIND HELP



Library

Scholarly Communication Services

Data Services – new Data Services Coordinator



Office of Sponsored Projects



Office of Research Security

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## LIBRARY CONTACTS

<https://www.library.msstate.edu/scholarly-communication-services>

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Scholarly Communication Coordinator

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Ismail Yigit, Ph.D.

Assistant Professor

Data Services Coordinator

[iyigit@library.msstate.edu](mailto:iyigit@library.msstate.edu)



**QUESTIONS?**

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# REFERENCES

- Budapest Open Access Initiative <https://www.budapestopenaccessinitiative.org/read>
- H.R.4174 - Foundations for Evidence-Based Policymaking Act of 2018 <https://www.congress.gov/bill/115th-congress/house-bill/4174>
- Resources.data.gov <https://resources.data.gov/>
- Data Foundation. 2019. Future of Open Data: Maximizing the Impact of the OPEN Government Data Act, <https://www.datafoundation.org/future-of-open-data-maximizing-the-impact-of-the-open-government-data-act>. Accessed March 1, 2021
- Open Knowledge Foundation <https://okfn.org/>
- Open Data Commons <https://opendatacommons.org/>
- Creative Commons <https://creativecommons.org/share-your-work/licensing-considerations/compatible-licenses>
- DMPTool <https://dmptool.org/>
- SPARC <http://datasharing.sparcopen.org/data>