

National Science Foundation (NSF): NSF-AGS: Atmospheric and Geospace Sciences

Products of the Research

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, spectra, final or intermediate numerical results, theoretical formalisms, computational strategies, software, and curriculum materials.

Guidance:

- [NSF AGS Advice to PIs on DMPs](#)
- [NSF Proposal & Award Policies & Procedures Guide \(PAPPG\)](#)
- [NSF Frequently Asked Questions \(FAQs\) for Public Access](#)

Data Format

Describe the format in which the data or products are stored (e.g. hardcopy logs and/or instrument outputs, ASCII, XML files, HDF5, CDF, existence of metadata, etc).

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Access to Data and Data Sharing Practices and Policies

Describe your plans for providing access to data, including websites maintained by your research group and contributions to public databases, and the mechanism for making the existence of an archive publicly known (e.g. by indicating the data sharing mechanism in publications that recognize NSF support). If maintenance of a web site or database is the direct responsibility of your group, provide information about the period of time the web site or database is expected to be maintained. Also describe your practice or policies regarding the release of data – for example whether data are available before or after formal publication and the approximate duration of time that the data will be kept private. Describe your policies (where applicable) for protection of propriety data, privacy and confidentiality, intellectual property, or other rights or requirements.

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Policies for Re-Use, Re-Distribution, and Production of Derivatives

Describe your policies regarding the use of data provided via general access or sharing. If you plan to provide data on a website, will the site contain disclaimers, or conditions regarding the use of the data in other publications or products? If the data or products are copyrighted, how will this be noted on the website?

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Archiving of Data

Describe whether and how data will be archived and how preservation of access will be handled. For example, will hardcopy logs, instrument outputs, and physical samples be stored in a location where there are safeguards against fire or water damage? Is there a plan to transfer digitized information to new storage media or devices as technological standards or practices change? Will there be an easily accessible index that documents where all archived data are stored and how they can be accessed? If the data will be archived by a third party, please refer to their preservation plans (if available).

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Cost of Implementing the DMP

If implementing the DMP will incur additional costs to the project this fact should be mentioned in the appropriate section of the plan (for example the cost of setting up and maintaining a web site). Details of the costs must be included in the budget justification in the budget section of the proposal.

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