

Plan Overview

A Data Management Plan created using DMP Tool

Title: Project 1 Data Management

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Project 1 Data Management

Roles and responsibilities

The Data Management Plan should outline the rights and obligations of all parties as to their roles and responsibilities in the management and retention of research data. It must also consider changes to roles and responsibilities that will occur should a principal investigator or co-PI leave the institution.

Operationalization of the data management will be headed by the project PI and housed within the Evans School of Public Affairs. However, because of the unique interdisciplinary collaboration needed to complete the project, the Evans School, the Department of Mechanical Engineering and NREL will each store data on-site according to the established data management procedures and file specifications of the institution. Conference calls between project members will be used to coordinate data management and enforce data management expectations.

Expected data

The Data Management Plan should describe the types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project. It should then describe the expected types of data to be retained.

In the context of this research project, data refers to 1) quantitative models and codes, 2) qualitative data records, 3) measurements, 4) results. To the extent possible, data will be shared in open file formats including .html, .txt, .csv, or .xml as necessary according to the type of data, with accompanying codebooks/metadata.

Period of data retention

SBE is committed to timely and rapid data distribution. However, it recognizes that types of data can vary widely and that acceptable norms also vary by scientific discipline. It is strongly committed, however, to the underlying principle of timely access, and applicants should address how this will be met in their DMP statement.

Data will not be embargoed but will be opened up for public use upon completion of the project step. This will allow maximum transparency of the project and enable the maximum benefit to decision makers, as one of the project goals is to improve public policy decision making. Data will be made publically available through the project site with guides and or visuals/charts to increase the ability of the public to consume the results of individual project steps.

Data format and dissemination

The Data Management Plan should describe data formats, media, and dissemination approaches that will be used to make data and metadata available to others. Policies for public access and sharing should be described, including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements. Research centers and major partnerships with industry or other user communities must also address how data are to be shared and managed with partners, center members, and other major stakeholders.

Data storage and preservation of access

The Data Management Plan should describe physical and cyber resources and facilities that will be used for the effective preservation and storage of research data. These can include third party facilities and repositories.

Upon completion of the project, all data will be housed within the Evans School and made available upon request, as well as transferred to the EPA and or data.gov in order to facilitate maintenance and availability of project results after the completion of the five year project duration.

Additional possible data management requirements

More stringent data management requirements may be specified in particular NSF solicitations or result from local policies and best practices at the PI's home institution. Additional requirements will be specified in the program solicitation and award conditions. Principal Investigators to be supported by such programs must discuss how they will meet these additional requirements in their Data Management Plans.
