

Plan Overview

A Data Management Plan created using DMP Tool

Title: Paleoclimate reconstruction of the evaporation/precipitation conditions on the Dry Corridor of Central America as a management tool for strategic climate displacement, using isotopic signatures of Lake Moyua sediments in Nicaragua.

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Principal Investigator: Osnar Mondragon

Data Manager: Osnar Mondragon

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Template: NSF-SBE: Social, Behavioral, Economic Sciences

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Paleoclimate reconstruction of the evaporation/precipitation conditions on the Dry Corridor of Central America as a management tool for strategic climate displacement, using isotopic signatures of Lake Moyua sediments in Nicaragua.

Roles and responsibilities

The DMP should outline the rights and obligations of all parties as to their roles and responsibilities in the management and retention of research data. It should also consider changes to roles and responsibilities that will occur should a principal investigator or co-PI leave the institution or project. Any costs should be explained in the Budget Justification pages.

Principal Investigator: Osnar Mondragon

Roles: In charge of managing the data, the logistics of the sampling and submission of reports.

Expected data

The DMP 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.

Water samples, Sediment core samples, Dry sediment samples, radiocarbon samples, valves of ostracods samples, Physical paper reports of results.

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.

At least 10 years

Data format and dissemination

The DMP 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 will be digitalized using office software, maps will be created using ArcGIS, and information will be available online in the portal of the Environmental Dynamics Doctoral Program of the University of Arkansas.

Data storage and preservation of access

The DMP 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.

Information will be kept in the servers of the Geosciences and Biological Sciences Department and in the Resiliency Center of the University of Arkansas

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.

Question not answered.
