Plan Overview

A Data Management Plan created using DMP Tool

Title: Rock art in the Chicamocha Canyon in Santander, Colombia

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Template: Digital Curation Centre

Project abstract:

This project aims to document the rock art sites existing in an area of the Chicamocha Canyon that comprehends the territory of Los Santos village in the county of Santander, Colombia. The cultural richness of the zone has been reported by several people mostly climbers and local residents. However, there is scarce data that describes the current environmental, cultural, and archaeological characterization of such sites. Therefore, it is important to create a baseline based on which further studies could contribute to the knowledge of the area.

The methodology is guided by a transdisciplinary approach, so that rock art will be described from biological, geological, and archaeological perspectives which means an integral record of each site within a naturally delimited zone. Thus, the project's initial phase comprehends the study of a micro-basin found in La Mojarra (Los Santos village) that is representative of the Andean Tropical Dry Forest ecosystem of the area. It is expected that natural ecosystems (on macro and micro scales) represented some kind of frontiers within the use of territory by past communities in pre-Hispanic times.

The project outcome is orientated to feed the baseline for the further study of the area and includes a dataset that illustrates the integral record of each rock art site found.

Start date: 08-01-2023

End date: 08-11-2025

Last modified: 07-08-2024

Copyright information:

Rock art in the Chicamocha Canyon in Santander, Colombia

Data Collection

What data will you collect or create?

This project entailed archaeological and environmental on-site data per rock art station including geo-positioning, visual samples of rock supports and motifs associated, as well as flora and fauna present.

Records are stored by using .jpg extension and Microsoft and Adobe programs which are accessible worldwide.

Previous records per site are added to create an extensive coverage with a chronological sequence that allows the identification of possible changes caused by natural, weathering, or human factors in accordance with the corresponding authorship.

How will the data be collected or created?

On-site data collection follows specific disciplinary guidelines according to national and international regulations. Thus, archaeological evidence is photographed without representing any preservation risk. iDStrech Rock Art Photo Enhancement version 2.2. supports the restitution process in and out-site. In addition, the Global Position System (GPS) follows MAGNA coordinate formats.

Rock art stations are the basic study unit and therefore establish the archive classification. The archive system follows this order: abbreviation of the village, site number with three digits (001 to 100), data collection date (year and month), and relevant detail, such as LS for Los Santos village, 001 number of site, 2023-11 per year and month, and brief description like pictographs. For example LS_001_2023-11_Superior Panel.

Final images are presented in PDF format to warranty legibility and storage capacity, prior to Illustrator software design.

Documentation and Metadata

What documentation and metadata will accompany the data?

Visual record of rock art sites is accompanied by filling on-site data collection forms that are divided into various categories such as location, state of preservation, archaeological context associated (if any), landscape description, site illustrations, and general comments. The illustrations published in the dataset have brief descriptions of such categories.

Further updates of data collection will enrich the chronological sequence of the sites.

Non-registered rock art stations will be notified to the Instituto Colombiano de Antropología e Historia - ICANH which is the national body responsible for the Colombian archaeological heritage.

Ethics and Legal Compliance

How will you manage any ethical issues?

It does not require consent for data preservation or sharing. Rock art stations are located in open spaces that allow photographic records. No further intervention will be conducted.

How will you manage copyright and Intellectual Property Rights (IP/IPR) issues?

The main researcher and co-researcher shared authorship. The consortium agreement will be met before the publication of the results. There are no restrictions on the reuse of data by a third party.

Storage and Backup

How will the data be stored and backed up during the research?

Data is stored in a computer hard drive and an online university's drive. The main researcher is responsible for monthly data backup.

How will you manage access and security?

The University has a security protocol for storage and backup. Collaborators have access to the university drive.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

Datasets can be reused for further studies by academic researchers or cultural managers. Long-term value data is stored in the University repository accessible to public users at the University website.

What is the long-term preservation plan for the dataset?

The dataset will be published at the University repository.

Data Sharing

How will you share the data?

Data sharing via a University repository will warranty open access. Data will be available after the publication of the results.

Are any restrictions on data sharing required?

There is no restriction on data sharing.

Responsibilities and Resources

Who will be responsible for data management?

The main researcher is responsible for implementing the DMP and ensuring it is reviewed and revised, previous publication at the University repository. Data ownership is shared by parts of the consortium agreement. The University is responsible for data archiving and data sharing.

What resources will you require to deliver your plan?

The University repository with no charges.

Planned Research Outputs

Dataset - "Rock art in the Chicamocha Canyon in Santander, Colombia"

Dataset of rock art stations in the Chicamocha Canyon in the Los Santos village, Santander-Colombia.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Rock art in the Chicamocha Canyon in Santander, Co ...	Dataset	Unspecified	Restricted	None specified		None specified	None specified	No	No