Plan Overview

A Data Management Plan created using DMPTool

DMP ID: https://doi.org/10.48321/D14T1V

Title: Multivariate Analysis for Linear Erosive Process Modeling.

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Template: Digital Curation Centre

Project abstract:

Erosion is among the environmental degradation processes that have the greatest geographic reach and that impact large and varied populations throughout the world, causing losses in the physical and socioeconomic environment. However, the overwhelming majority of studies on erosion processes in Brazil tend to focus on identifying the most critical conditions of some environmental components for such processes to occur in a given area, or on identifying specific quantitative mechanisms of some of these components, in particular, soil and relief. The most robust models developed abroad are well suited to conditions in regions with temperate and cold climates, but present serious limitations for application in tropical environments. Once developed, the analysis system can be easily adapted for subsequent application in many regions of Brazil.

Start date: 02-01-2022

End date: 03-13-2025

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Copyright information:

Multivariate Analysis for Linear Erosive Process Modeling.

In developing this Plan, the team collect and create this classes of data: (1) physical, mechanical, and chemical properties of soil units conditioning erosion outset and evolution; (2) physical, mechanical, and chemical properties of rock units conditioning erosion outset and evolution; (3) relief attributes condicioning surface and subsurface flows; (4) clima contitions, its dynamic in time, and peculiar events that change water flows in land surface; (5) land use and cover status, temporal and spatial dynamic, due to natural and manmade processes.

Data will collected from digital and analogical data bases of maps and imagery. The set of created data will be produced from field survey.

Multivariate Analysis for Linear Erosive Process Modeling.

CNPq Process # 311393/2021-7

Research Coordinator José Augusto Di Lollo

Yhere is no data or information that presents ethical conflicts

Question not answered.

I have sufficient storage services. Data will be backed up in cloud services accessible to project team. I will be responsible for backup and recovery. In the event of an incident, data be recovered from collaborators backups.

Question not answered.

There is no need of data retained/destroyed. Data will be retained and preserved for five years.

Question not answered.

Potential users will find out about data from public plattaforms and articles. The data will share via a repository with other researches, with no conditions limitations.

Are no restrictions on data sharing.

José Augusto Di Lollo

Only those already obtained through CNPq financing.

Planned Research Outputs

Dataset - "Maps and charts. "

Set of maps and charts produced to represents the spatial distribution of natual and manmade attributes in erosive processes modeling.

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?
Maps and charts.	Dataset	2023-02-28	Open	National Center for Earth-Surface Dynamics Data Repository	100 MB	Creative Commons Attribution 4.0 International	None specified	No	No