



# CATENA

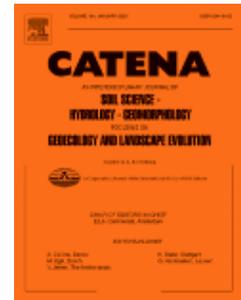
An Interdisciplinary Journal of Soil Science - Hydrology - Geomorphology focusing on  
Geocology and Landscape Evolution

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### DESCRIPTION

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*Catena* publishes papers describing original field and laboratory investigations and reviews on **geocology** and **landscape evolution** with emphasis on interdisciplinary aspects of **soil science**, **hydrology** and **geomorphology**. It aims to disseminate new knowledge and foster better understanding of the physical environment, of evolutionary sequences that have resulted in past and current landscapes, and of the natural processes that are likely to determine the fate of our terrestrial environment.

Papers within any one of the above topics are welcome provided they are of sufficiently wide interest and relevance.

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### AUDIENCE

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Soil Scientists, Hydrologists, Geomorphologists.

### IMPACT FACTOR

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2018: 3.851 © Clarivate Analytics Journal Citation Reports 2019

## ABSTRACTING AND INDEXING

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Engineering Village - GEOBASE  
EMBiology  
Science Citation Index  
Current Contents - Agriculture, Biology & Environmental Sciences  
Research Alert Direct  
Web of Science  
Focus On: Global Change  
Chemical Abstracts  
Current Geographical Publications  
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## GUIDE FOR AUTHORS

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### INTRODUCTION

CATENA publishes original contributions in the fields of:

**Geocology**, the geoscientific-hydro-climatological subset of process-oriented studies of the present ecosystem

- the total environment of landscapes and sites
- the flux of energy and matter (water, solutes, suspended matter, bed load) with special regard to space-time variability
- the changes in the present ecosystem, including the earth's surface and

**Landscape Evolution**, the genesis of the present ecosystem, in particular the genesis of its structure concerning soils, sediment, relief, their spatial organization and analysis in terms of paleoprocesses;

- soils: surface, relief and fossil soils, their spatial organization pertaining to relief development
- sediment with relevance to landscape evolution, the paleohydrologic environment with respect to surface runoff, competence, and capacity for transport of bed material and suspended matter, infiltration, groundwater and channel flow
- the earth's surface, relief elements and their spatial-hierarchical organization in relation to soils and sediment
- the paleoclimatological properties of the sequence of paleoenvironments.

#### *Types of paper*

CATENA publishes multidisciplinary studies as well as monodisciplinary papers that are of interest to other disciplines and are of relevance to landscape studies.

1. Original research papers (Regular Papers)
2. Review articles
3. Technical Notes

Original research papers should report the results of original research. The material should not have been previously published elsewhere, except in a preliminary form.

Review articles should cover subjects falling within the scope of the journal and which are of active current interest. They may be submitted or invited.

A Technical Note is a short article on new developments, significant advances and novel aspects of experimental and theoretical methods and techniques relevant to the scope of Catena. A technical note can also include novel software developments and computational methods. The Technical Note should be used for information that cannot be adequately incorporated into an Original Research Article, and that is of sufficient value to be brought to the attention of the readers of the Journal. The note should describe the nature of the new method, technique or procedure and clarify how it differs from those currently in use, citing relevant literature. Technical Notes should be no more than 5 Journal pages (~5000 words and 2 Figures or Tables). Technical notes are sent for full peer review. Electronic Supplements such as programming code, validation data or user manuals can be added to a Technical Note.

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- Full postal address

All necessary files have been uploaded:

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- All tables (including titles, description, footnotes)

- Ensure all figure and table citations in the text match the files provided
- Indicate clearly if color should be used for any figures in print  
*Graphical Abstracts / Highlights files* (where applicable)  
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Results should be clear and concise.

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This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

### *Conclusions*

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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Give the meaning of all symbols immediately after the equation in which they are first used. For simple fractions use the solidus (/) instead of a horizontal line.

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Levels of statistical significance which can be mentioned without further explanation are: \* P < 0.05, \*\* P < 0.01 and \*\*\* P < 0.001.

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