# Catena

<https://ou-publier.cirad.fr/en/node/4142>

**Commercial publisher :** Elsevier (Netherlands)  
  
**Journal's website :** <https://www.sciencedirect.com/journal/catena>  
**Information for authors :** <https://www.sciencedirect.com/journal/catena/publish/guide-for-authors>  
  
**Présentation de la revue**  
**Original language :**

*Catena* publishes papers describing original field and laboratory investigations and reviews on **landscape evolution** and **geoecology** 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.

Exemples of topics : Groundwater studies; Geobotanical, ecological and vegetation studies with no (or limited) relation to soil, hydrology, geomorphology or landscape evolution; Microbiological studies with no relation to soil formation and landscape; Comparison of the performance of models (process-based, machine learning) and their robustness with no or only a minimal landscape-learning effect; Agricultural/crop production experiments without a solid relation to landscape.

**Topics :**   
Land management  
Water  
Soil  
Earth sciences  
  
**Open access :** Author-paid optional open access  
  
**Languages :** English  
  
**Journal reputation :**   
Peer-reviewed with SCImago Journal Rank (SJR)  
Peer-reviewed with Impact Factor (IF)  
  
**Informations générales**  
**Abbreviated title (ISO) :** Catena  
**ISSN :** 0341-8162 (ISSN-L); 0341-8162 (ISSN-Print); 1872-6887 (ISSN-Electronic)  
**Frequency :** 12 issues/year (Monthly)  
**Additional information :**

Embargo : 24 mois après publication de l'article, la version post-print peut être déposée sur une archive ouverte (ex : Agritrop).

**Article types :** Research articles, Reviews, Special issues, Technical articles, Software papers  
  
**Publishing costs :** No  
**Cost of optional open access :** 3580 $. Pour les Ciradiens, aucun coût à payer suite à un accord national pour la période 2024-2027 (https://intranet-dist.cirad.fr/publier/choisir-la-revue/accords-cirad-editeurs). (updated 03/10/2024)  
  
**Données de la recherche**  
**Research data access policy :** Deposit recommended  
**Data repositories recommended by the journal :** <https://www.elsevier.com/authors/tools-and-resources/research-data/data-base-linking>  
  
Updated on 07/02/2025 © Cirad, 2025