



water

an Open Access Journal by MDPI



Impact of Farmland Abandonment on Water Resources and Soil Conservation

Guest Editors:

Dr. Noemí Lana-Renault

Dr. Estela Nadal Romero

**Assoc. Prof. Dr. Erik
Cammaraat**

Dr. José Ángel Llorente

Deadline for manuscript
submissions:

closed (30 November 2019)

Message from the Guest Editors

Dear Colleagues,

Farmland abandonment is one of the major land use changes in many rural territories, especially in mountainous regions. In some cases, extensive afforestation programs have been undertaken by forest services to improve the use of abandoned land as a resource and to control hydrological and soil erosion processes. In other cases, shrub clearing in selected abandoned land has been conducted in order to generate pastures and reduce wildfire risk.

All these land use changes affect the hydrological and geomorphological dynamics of slopes and channels, with important implications for water resources and soil conservation.

In this Special Issue we would like to invite papers that look into the hydrological and geomorphological consequences of farmland abandonment in one (or several) of these abandoned scenarios. This topic can be studied at different spatial scales (plot, catchment, regional), and they are all welcome. Our final purpose is to help water and land managers to select the most sustainable strategy (in terms of water resources and soil conservation) for the land management of marginal rural areas.



mdpi.com/si/17208

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)