# **Special Issue**

# Sustainable Soil Ecosystem Management and Carbon Storage

### Message from the Guest Editors

Anthropic disturbances associated with land use agriculture, forest stands installation and management, fires - contribute to altering the soil properties and the biogeochemical cycles of many elements, namely the carbon cycle, which in turn have important implications on soil quality and ecosystems services. Soil organic matter loss is currently one of the main threats to soil resource and terrestrial ecosystems sustainability. Soil conservation is of the vital importance in mitigating climate change, in soil hydrological processes and biodiversity conservation. Soil quality is an essential factor in the global biosphere support and fundamental in the ecological integrity of ecosystems. This Special Issue is mainly focused on the soil organic matter and on all factors that interfere with its quantity and quality such as agriculture, agroforestry systems, site preparation to installation forest stands, prescribed fires/wildfires and erosive processes. We welcome research articles, reviews, and communications on topics that relate the soil ecosystem management with soil properties linked with soil organic matter or with ecosystems services.

### **Guest Editors**

Prof. Dr. Felícia Fonseca

Department of Environmental and Natural Resources, Instituto Politécnico de Bragança, Campus de Sta Apolónia, 5300-253 Bragança, Portugal

Prof. Dr. Tomás de Figueiredo

Department of Environmental and Natural Resources, Instituto Politécnico de Bragança, Campus de Sta Apolónia, 5300-253 Bragança, Portugal

## Deadline for manuscript submissions

closed (30 September 2022)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/63478

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **About the Journal**

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

#### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

#### **Author Benefits**

### Open Access:

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

### **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

