





an Open Access Journal by MDPI

# **Energy Transition: Growth and Efficiency in Resource Economics**

Guest Editors:

Prof. Dr. Sergio Vergalli

Prof. Dr. Davide Bazzana

Prof. Dr. Nicola Comincioli

Prof. Dr. Marta Castellini

Deadline for manuscript submissions:

closed (30 June 2023)

## **Message from the Guest Editors**

Dear Colleagues,

The growing problem of climate change is pushing policy makers and businesses toward an obligatory energy transition. This transition should reduce emissions per unit of output. The problem is that while the choice seems compulsory, it is difficult for it to be adopted by all countries synchronously.

Developing countries need to catch up with growth gaps, and could use energy sources with high GHGs emissions, while developed countries can use more efficient alternative energy sources for decarbonization. The challenging element is to ensure decarbonization and growth simultaneously. One possible way is to push the efficiency of production in order to foster greener growth. Within the existing economic literature, this Special Issue will seek to focus precisely on the technologies, energy resources and policies that can create the conditions for an energy transition that drives growth.

Keywords: energy transition; economic growth; climate change; environmental policy, natural resources









an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

## **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. Sustainability publishes original research articles, review articles and communications, I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering and applications of sustainability-based measures and activities.

#### **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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

### **Contact Us**