





an Open Access Journal by MDPI

# Innovative Catalytic Materials for Environmental Remediation and Energy Applications

Guest Editors:

### **Dr. Georgios Bampos**

Department of Chemical Engineering, University of Patras, 26504 Patras, Greece

#### Dr. Athanasia Petala

Department of Environment, Ionian University, M. Minotou-Giannopoulou Street, Panagoula, 29100 Zakynthos, Greece

#### Dr. Zacharias Frontistis

Department of Chemical Engineering, University of Western Macedonia, GR-50132 Kozani, Greece

Deadline for manuscript submissions:

closed (15 February 2023)

## **Message from the Guest Editors**

This Special Issue aims to highlight current trends and future perspectives in the development of innovative catalytic materials in energy applications and environmental management. Topics include, but are not limited to, the following:

- Novel catalytic materials for AOPs.
- Innovative electrocatalytic materials for fuel cells, batteries, and
- Novel catalytic materials for hydrocarbonreforming reactions, water-gas shift reaction, methanation etc.
- Novel photocatalytic materials for photocatalytic hydrogen production and photoelectrochemical water splitting.
- Innovative catalytic materials derived from agroindustrial residuals



