



## Heterogeneous Catalysts in Environmental Applications and in Energy Generation

Guest Editors:

**Prof. Dr. Renaud Cousin**

Unité de Chimie Environnementale  
et Interactions sur le Vivant  
(UCEIV EA 4492), 145 Avenue  
Maurice Schumann, Dunkerque,  
France

**Prof. Dr. Svetlana Ivanova**

Department of Inorganic  
Chemistry, Institute of Materials  
Science of Sevilla, University of  
Seville, 41092 Seville, Spain

**Dr. Satu Ojala**

Environmental and Chemical  
Engineering, Faculty of  
Technology, POB 4300, 90014  
University of Oulu, Oulu, Finland

Deadline for manuscript  
submissions:

**closed (31 October 2020)**

### Message from the Guest Editors

The world energy consumption is expected to continue to increase dramatically in the coming years along with associated environmental issues. Although there is no universal solution to solve all energy- and environment-related problems, heterogeneous catalysis offers multiple ways to approach sustainable development and environmental safety.

This Special Issue of *Catalysts* aims to cover the recent progress and novel trends in the field of Heterogeneous Catalysts in Environmental Applications and in Energy Generation. Potential topics include, but are not limited to, the following:

- Catalytic removal of air and water pollutants
- Catalytic abatement of model pollutants and real mixtures of pollutants
- CO<sub>2</sub> conversion and utilization
- Biomass valorization
- Biofuel production
- Design of innovative catalytic materials for environmental applications or energy generation
- ...

Authors with expertise in these topics are cordially invited to submit their manuscripts to *Catalysts*. Significant full original papers and review articles are welcome.

