



## Application of Metal-Based Nanocatalysts for Addressing Environmental Issues and Energy Demand

Guest Editor:

**Dr. Mohamad Hassan Amin**

Centre for Advanced Materials & Industrial Chemistry in the School of Applied Science, RMIT University, GPO Box 2476, Melbourne, VIC 3001, Australia

Deadline for manuscript submissions:

**closed (31 August 2021)**

### Message from the Guest Editor

The significant upsurge in energy demand and global warming are among the most critical challenges faced by modern society today. Catalysts play a pivotal role in addressing these issues as they have the ability to convert polluting compounds into clean fuels. In this Special Issue “Application of metal-based nanocatalysts for addressing environmental issues and energy demand” we would like to highlight the research devoted to the development of metal-based nanocatalysts to address these issues.

We welcome all the researchers to submit their novel work as a communication, full paper or a review article.

The scope of this special issue is as below:

- CO<sub>2</sub> utilization
- Gas reforming and gas conversion
- Syngas production
- Methanol production
- Fischer–Tropsch synthesis

Dr. Mohamad Hassan Amin

*Guest Editor*

