



## Advances in Supported Catalytic Nanomaterials

Guest Editors:

**Prof. Dr. Salam Titinchi**

Department of Chemistry,  
University of the Western Cape,  
Cape Town 7535, South Africa

**Prof. Dr. Hanna Abbo**

1. Department of Chemistry,  
College of Science, University of  
Basrah, Basrah 61004, Iraq  
2. Department of Chemistry,  
University of the Western Cape,  
Bellville, Cape Town 7535, South  
Africa

Deadline for manuscript  
submissions:

**closed (20 February 2022)**

### Message from the Guest Editors

The role of catalytic nanomaterials in various catalysis applications is an important source of inspiration in nanotechnology and catalysis.

The proposed thematic issue is dedicated to novel achievements in the field of supported catalytic nanomaterials associated in environmental and energy-oriented catalysis, electro-catalysis, photo-catalysis, biocatalysis and surface science.

The thematic issue is to help researchers focus on the most recent advances in the application of supported catalytic materials and nanocatalysts.

This themed issue will feature papers by leading authors in the field, and focus on the design and synthesis of new materials supported on different supports for various applications.

The contributions should be related to the listed topics: the design and development of

- Electro catalysts,
- Photo catalysts,
- Fuel-cell and ion-batteries catalysts,
- Biocatalysts.

This issue could include review covering the impacts and inspiration of the new supported nano-catalysts in these fields.

