

# ENERGY AND ENVIRONMENT FOCUS (EEF)

<http://www.aspbs.com/efocus.htm>

Editor-in-Chief: Prof. Ahmad Umar, PhD

## A Special Issue on “Metal Oxide Nanomaterials for Energy and Environmental Applications”

### Call for articles

In the current society, strong dependence on fossil fuels is not desirable for sustainable development to our economy, and their overuse also results in air pollution and global warming. At the same time, due to the rapid growth and development of industries and the increasing unavoidable human activities, the environmental pollution is also from bad to worse. Accordingly, the past few years have seen a tremendous flurry of research interest in a variety of materials including but not limited to inorganic, organic, ceramic, polymeric, carbonaceous and their hybrids to address the energy and environment issues. As continued breakthroughs have been made in the preparation, modification, and application of metal oxide-based nanomaterials in recent years, we believe that make a special issue entitled “**Metal Oxide Nanomaterials for Energy and Environmental Applications**” would further promote such materials research and development efforts to tackle the energy and environmental challenges we are currently facing. We cordially invite submissions of both review and original research articles (full paper/communication) including but not limited to the following topics:

- Synthesis and processing of metal oxide-based nanomaterials for energy and environmental applications
- Metal oxide-based dye-sensitized solar cells materials
- Metal oxide-based photocatalysts for water splitting and CO<sub>2</sub> reduction
- Metal oxide-based photocatalysts for environmental pollutants removal
- Metal oxide-based adsorbents for environmental remediation
- Metal oxide-based energy storage (supercapacitors, Lithium, Sodium battery, etc.) nanomaterials
- Metal oxide-based thermoelectric materials
- Metal oxide-based electrocatalysts for the oxygen and hydrogen evolution

### Manuscript Submission

Manuscript must be prepared according to Journal's guidelines, available at [http://www.aspbs.com/efocus/inst-auth\\_efocus.htm](http://www.aspbs.com/efocus/inst-auth_efocus.htm). Submit your manuscripts in a single MS Word or PDF format (including all figures/tables) directly to the Guest Editors via email. A graphical abstract is mandatory for all types of articles. Please indicate your intention to publish in the special issue “**Metal Oxide Nanomaterials for Energy and Environmental Applications**”. All papers submitted to this issue will be subject to a strict peer-review process to ensure high quality. Please indicate in the cover letter that the submitted manuscript has not been published in part or in whole, is not currently submitted to any other journals for review, and will not be submitted elsewhere before a final decision is made by this journal.

### Important Date Manuscript

**Due:** June 30 2017; **Authors' Notification:** July 30 2017; **Expected Publication Date:** August 30 2017

### Manuscript Submission Address for Guest Editors

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