A special issue on

"Catalytic Materials for Bioenergy and Environmental Applications" Energy and Environment Focus (<u>http://www.aspbs.com/efocus</u>)

Call for papers

At present, because of energy and environmental issues, catalysis appears to be even more important than before and to constitute one of the major sources of improvements in our society. Catalytic materials have been proven to be of great importance in a variety of bioenergy and environmental applications, including clean energy, green chemistry, biomass utilization, bioenergy conversion and storage, purification and separation, treatment of waste air, water and volatile organic compounds (VOCs), hydrodesulfurization (HDS), photocatalysis, etc. With the advanced synthesis technologies, the preparation of novel catalytic materials such as zeolites, mesoporous materials, hierarchical zeolites, carbon materials, pillared interlayer clays (PILCs), layered double hydroxides (LDHs), metal organic frameworks (MOFs), metal oxides, polymers, membranes or films, etc. have gain great attention. In order to address and highlight the recent advances in the synthesis and bioenergy and environmental applications of catalytic materials, and shed light on the scientific, environmental, economical and energy challenges, we sincerely invite researchers from various fields to contribute original research articles, communications, reviews, and mini-reviews to this special issue "Catalytic Materials for Bioenergy and Environmental Applications" to be published in *Energy and Environment Focus*, an international journal published by the American Scientific Publishers (www.aspbs.com). Contributions that involve any kinds of catalytic materials as listed below (but not limited to) to address energy and environmental issues are encouraged to this special issue.

- Zeolites
- Mesoporous materials
- Hierarchical zeolites
- Carbon materials
- Pillared interlayer clays (PILCs)
- Layered double hydroxides (LDHs)
- Metal organic frameworks (MOFs)
- Metal oxides
- Polymers
- Membranes or films

Manuscripts must be prepared according to Journal's guidelines, available at http://www.aspbs.com/efocus/inst-auth_efocus.htm

Prospective authors should submit **a single file** having text/figures/tables all together in MS Word format directly to the **Guest Editors via e-mail**. A graphical abstract is mandatory for all types of papers. All manuscripts will be peer-reviewed to ensure a high quality of articles. *Please indicate in your cover letter that the submitted paper is 100% original and has not been published previously and is not currently submitted to any other journal and will not be submitted elsewhere before a final decision is made by this journal.*

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Key dates :

Manuscript due: 15 January, 2014 Authors' notification: 15 February, 2014 Tentative publication date: March/April, 2014