



Photocatalysis and Environment

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submissions:

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Message from the Guest Editors

A large number of studies have appeared that are devoted to the issue of the photocatalytic activity of TiO₂ suspensions. Many other materials were used for pollutant degradation and/or microbial inactivation in water and air. During the last decade, attention has been drawn towards the design, synthesis and characterization of visible/solar light active catalysts. This allows the use of low-cost illumination sources and the exploitation of the lavish solar energy. The use of sunlight allows the design of low-cost solutions for water treatment, especially in the least developed countries (LDCs).

We invite authors to contribute original research articles as well as review articles that seek to address the mechanisms and significance of photocatalytic materials for environmental remediation. Particular interest will be given to papers exploring the preparation and engineering of innovative photocatalysts.

In particular, the topics of interest include but are not limited to:

- Antimicrobial photocatalysts,
- Photocatalytic coatings,
- Indoor air quality,
- Photocatalysis for VOC removal,
- Water/wastewater treatment under solar light.

