

## Special Issue

# Metal Removal from Wastewater Using Biomass and Carbon-Based Materials

### Message from the Guest Editor

Industrial-origin wastewater, especially from the metallurgical, textile, paper, tanning, fertilizer, and stock-raising sectors, is a major source of contaminating heavy metals, the accumulation of which in groundwater is a well-known problem. These heavy metals can be removed by physico-chemical techniques, such as ion exchange, membrane filtration, and oxidation/reduction, etc., but none are reliable when the solute concentration is

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### Guest Editor

Prof. Dr. Felix A. Lopez

Spanish National Research Council (CSIC) – National Center for Metallurgical Researcher (CENIM), Madrid, Spain

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### Deadline for manuscript submissions

closed (30 May 2019)



## Metals

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## About the Journal

### Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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### Editor-in-Chief

Prof. Dr. Yong Zhang

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