

## Special Issue

# Metallic or Metallic Oxide (Photo)catalysts for Environmental Applications

### Message from the Guest Editors

Over the last century, industrialization intensified in most countries around the world, and in various fields, particularly the chemical, pharmaceutical, cosmetics, horticulture, food, and petroleum industries. This intense industrialization has resulted in the emergence of a large variety of organic pollutants such as dyes, aromatics, pesticides, solvents, EDCs (Endocrine Disrupting Chemicals) and PPCPs (Pharmaceuticals and Personal Care Products) and the production of various waste such as wood or forest residues, waste from food crops (wheat straw, bagasse), horticulture (yard waste), or human waste from sewage plants. All this pollution and waste need to be treated and valorized in order to maintain a safe and clean environment. Numerous innovative catalytic and photocatalytic processes are being developed to transform these by-products of our industries into useful compounds. Given the complex nature of these persistent organic pollutants or biomass starting materials, sophisticated catalytic solids need to be elaborated, presenting for example acid/redox bi-functionality or resistance to hydrolysis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2021)



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