



Nano-Structured Heterogenous Catalysts for Sustainable Energy and Environment

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

We encourage researchers to contribute to the Special Issue on “Nano-Structured Catalysts for Sustainable Energy and the Environment”. The focus of this Special Issue is covering current research and future research trends in inorganic materials with controlled porosities and nano-structured catalysts. We will focus on i) nano-catalysts and ii) porous support materials with controlled micro-, meso- or hierarchical porosities for various catalytic reactions with particular emphasis on **i)** the conversion of greenhouse relevant gases (e.g., CO₂ and CH₄), **ii)** wastewater treatments from organics pollutants, and **iii)** water splitting applications, with a special interest in novel and innovative synthesis routes, e.g., for bifunctional catalysts and studies of metal–support interactions. In addition, the issue shall focus on in situ characterization techniques and the study of catalyst deactivation mechanisms.

