Special Issue

Climate Neutral Basic Materials Industries

Message from the Guest Editors

The Special Issue targets research that analyzes scenarios, roadmap concepts, and technologies, as well as company and regional innovation strategies, enabling long-term changes in one or several of these industries or regional clusters.

- Roadmaps and strategies for climate neutrality for industrial sectors, companies, economies, or regions.
- Technological challenges and breakthrough technologies for deep decarbonization of energyintensive industrial processes together with related business cases and infrastructure needs.
- Concepts, strategies, and technical solutions on material efficiency, material substitution, as well as demand-side actions for further developing industry towards a circular economy.

Guest Editors

Prof. Dr. Stefan Lechtenböhmer

Wuppertal Institute for Climate, Environment and Energy, Wuppertal, Germany; Lund University, Sweden

Assoc. Prof. Dr. Max Ahman

Lund University, Sweden

Deadline for manuscript submissions

closed (31 October 2021)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/49590

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applisci@mdpi.com

mdpi.com/journal/

applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

