Special Issue
CO$_2$ Capture and Valorization

Message from the Guest Editors

Tackling climate change is an urgent need that requires technological solutions applicable at a large scale. Contemporary research is advancing fast trying to transform a problem (i.e., CO2 emissions) into an opportunity to do things better (i.e., CO2 as a source of carbon). In this Special Issue, articles focusing on CO2 capture and further valorization are very much welcome, including, in particular, contributions on technologies that have already reached a demo or pilot plant scale. The main objective of this Special Issue is to show an overview of technological options that prove that CO2 is an available sustainable source of carbon to produce valuable products under realistic conditions that lead to net CO2 emission reduction. Prof. Dr. Patricia Luis

Guest Editors

Prof. Dr. Patricia Luis Alconero

Materials & Process Engineering, UCLouvain, Place Sainte Barbe 2, 1348 Louvain-la-Neuve, Belgium

Dr. Daria Nikolaeva

Louvain School of Engineering, Institute of Mechanics, Materials and Civil Engineering, Université catholique de Louvain, Place Sainte Barbe 2, 1348 Louvain-la-Neuve, Belgium

Deadline for manuscript submissions

closed (31 December 2020)

C

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 1.6

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Craig E. Banks
Faculty of Science and Engineering, Manchester Metropolitan
University, Chester Street, Manchester M1 5GD, UK

Author Benefits

High Visibility:
indexed within ESCI (Web of Science), Scopus, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Materials Science, Multidisciplinary)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2024).