

Special Issue

Applications of Computational Fluid Dynamic Modelling in Carbon Capture and Sequestration

Message from the Guest Editor

This issue is focused on the use of computational fluid dynamics (CFD) modeling in the area of Carbon Capture and Sequestration (CCS). Applications at all levels and fields are of interest. The purpose of this issue is to outline advances, applications and missing links for using CFD in CCS, whether it be in designing process units, investigating flow in underground formations, or in the development of CO₂ thickening of property modifying agents. This issue will complement existing publications and efforts in both CFD and CCS areas, and will help identify and define the community of researchers involved in CFD applications for CCS.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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