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Advanced Multiphase Flow and Heat Transfer in Porous Media 2023

Guest Editor:

Dr. Md. Imran Hossen Khan

Mechanical, Medical & Process
Engineering, Queensland
University of Technology,
Brisbane, QLD 4000, Australia

Deadline for manuscript
submissions:

closed (12 July 2023)

Message from the Guest Editor

Dear Colleagues,

We would like to invite you to submit your valuable research work to this Special Issue on multiphase flow and heat transfer in porous media.

The aim of this Special Issue is to publish the potential research outcomes addressing the current status and challenges of multiphase porous media modelling for predicting the simultaneous heat and mass transport phenomena and process kinetics. We invite original research papers, comprehensive reviews, and short communications addressing the current challenges faced in developing multiphase porous media modelling. Topics include but are not limited to the experimental understanding and numerical modelling of porous media such as food, wood, paper, soil, rocks, and agri-based product processing. Modelling includes physics-based modelling, empirical modelling, and statistical or machine learning-based modelling to address the multiphase flow and heat transfer in porous media. Experimental works for characterising the porous material at different length scales from macro- to nanoscale are also welcome for submission to this Special Issue.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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