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## Convection in Fluid and Porous Media

Guest Editor:

**Prof. Dr. Mahmoud Mamou**

Aerodynamics Laboratory, NRC  
Aerospace, National Research  
Council, Ottawa, ON K1A 0R6,  
Canada

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editor

Dear Colleagues,

Investigating and understanding of thermal/isothermal and multicomponent-diffusive convective flows in fluids and saturated porous media would enhance the design and performance of a variety of engineering and environmental application processes. Newtonian and non-Newtonian working fluids are commonly encountered in these processes, such as in thermal and chemical industrial processes, slurry transporting, food processing, crystal growth, hydrology, polymer engineering, geophysics, mixtures separation, gas storage and heat exchangers.

This Special Issue is dedicated to research on recent advances in modelling and experimental thermal/isothermal and thermosolutal convective flows in closed or open systems and in external boundary layer flows. Comparisons and validation of modelling results with experimental or past published results are encouraged. For steady or unsteady modelling investigations, time and grid size sensitivity studies are required to assess the fidelity of the modelling methods. Studies toward industrial applications are highly recommended and those related to pure fundamental research with physical analyses are also accepted.



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# Special Issue



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**Prof. Dr. D. Andrew S. Rees**

Department of Mechanical  
Engineering, University of Bath,  
Bath BA2 7AY, UK

## Message from the Editor-in-Chief

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*Fluids* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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