Special Issue

Numerical Simulation and Modeling of Granular Material

Message from the Guest Editors

The purpose of this Special Issue is to highlight cutting-edge research in the field of numerical simulation and modeling for granular materials, shedding light on the complex behaviour of particulate systems. Granular materials, which are used in fields such as pharmaceuticals and civil engineering, have complex dynamics that are impacted by interparticle interactions, particle size distributions, and environmental variables. This Special Issue of *Processes* provides an avenue for academics to discuss novel computational tools, numerical techniques, and modeling methodologies that could help us better understand the behaviour of granular material. Contributions from a variety of disciplines, including physics, engineering, and materials science, are encouraged. Granular flow, segregation, packing dynamics, and the impact of external pressures are all topics of interest. The Special Issue aims to stimulate collaboration and the exchange of ideas through this diverse collection of research, paving the way for breakthroughs in industries relying on the manipulation and processing of granular materials.

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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