Special Issue

Process Modelling and Applications for Aggregate Production

Message from the Guest Editors

Process modelling is often the foundation for decision making regarding process design, configuration, and production planning. Currently, steady-state modelling is the dominating simulation approach. However, there is more diversity in the field, including time-dependent dynamics simulations, discrete event simulation, different hybrid simulation machine learning and more. The process can be simulated as a stand-alone application or with a third party software as software-in-the-loop. Applications of process simulations can include process evaluation, debottlenecking, production planning, optimization, control and operator training, etc. This Special Issue of *Minerals* aims to gather the most recent advances in research and application using process modelling and simulations for improved process understanding and performance. We would like to invite researchers in this field to submit their research papers, review papers, and communications related to *Process modelling and applications in aggregate production*.

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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