processes

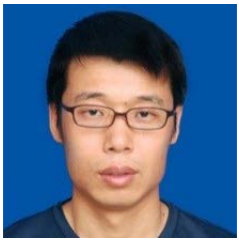
TRACKED FOR IMPACT FACTOR

An Open Access Journal by MDPI

Fluid Flow in Fractured Porous Media

Guest Editors:

Assoc. Prof. Dr. Richeng Liu
State Key Laboratory for Geomechanics and Deep Underground Engineering, China University of Mining and Technology, China
liuricheng@cumt.edu.cn



Prof. Dr. Yujing Jiang
School of Engineering, Nagasaki University, Japan
jiang@nagasaki-u.ac.jp

Message from the Guest Editors

The fluid flow in fractured porous media plays a significant role on the characteristic/assessment of deep underground reservoirs, such as CO_2 sequestration, enhanced oil recovery, and geothermal energy development. In recent years, many methods including laboratory experiment, theoretical analysis and numerical simulation have been employed to investigate fluid flow in fractured porous media. However, due to the complex and uncertain geometric properties of rock masses in deep underground, deep studies on the fluid flow in fractured porous media such as permeability prediction and/or nonlinear flow are still needed.

This Special Issue on "Fluid Flow in Fractured Porous Media" aims at presenting recent advances in fluid flow in fractured porous media. We invite you to submit comprehensive review papers and original articles. Topics include, but are not limited to:

- Two-phase flow in rock fractures
- Nonlinear flow regimes in complex fracture
- networks Fractal-based approach to study fluid flow
- Coupled shear-flow processes in fractures
- New numerical simulation methods of water-rock interactions

Deadline for manuscript submissions:
31 December 2018

mdpi.com/si/14285

processes

TRACKED FOR IMPACT FACTOR

An Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Michael A. Henson
Department of Chemical Engineering and the Institute for Applied Life Sciences, University of Massachusetts Amherst, USA
mhenson@engin.umass.edu

Aims and Scope

Processes (ISSN 2227-9717) is an open access journal that provides an advanced forum for studies concerning process related research in chemistry, biology, and allied engineering fields. Our goals are to publish high impact articles of broad interest to the process systems community and to serve as a forum for major developments in process/systems research. The journal publishes regular research papers, communications, letters, short notes, and reviews. There are no restrictions on the length of published articles or on the use of color illustrations. All submitted manuscripts undergo rigorous peer review prior to publication.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High visibility: Indexed in the Science Citation Index Expanded (Web of Science) and Inspec (IET). To be added in Scopus from Vol. 5 (2017).
Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 6.6 days (median values for papers published in this journal in 2017).

Contact us

Processes
MDPI AG, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
@Processes_MDPI