



Fractal and Fractional in Geomaterials

Guest Editors:

Dr. Yifei Sun

Faculty of Civil and
Environmental Engineering,
Ruhr-Universität Bochum, 44801
Bochum, Germany

Dr. Cheng Chen

School of Civil Engineering and
Architecture, Wuhan University of
Technology, Wuhan 430070,
China

Dr. Meisam Goudarzy

Faculty of Civil and
Environmental Engineering,
Ruhr-Universität, Bochum,
Germany

Message from the Guest Editors

The aim of this Special Issue is to present state-of-the-art research outcomes in fractal or fractional approaches for geomaterials. Therefore, high-quality review papers, full-length research articles, and technical notes from different disciplines are cordially welcome. Research topics include but are not limited to the following aspects:

1. Fractal laws for contact networks/pore structures in geomaterial;
2. Fractional mechanics modelling of geomaterial;
3. Local/nonlocal deformation in geomaterial;
4. Non-Fourier/non-Fickian/non-Darcy law for geomaterial.
5. Other nonconventional approaches for geomaterials.

Deadline for manuscript
submissions:

closed (30 March 2022)

