

## Special Issue

# Advanced Techniques for Characterising Mudrocks

### Message from the Guest Editor

This Special Issue intends to focus on advanced techniques for the characterisation of mudrock. These may include, but are not limited to, advanced forms of imaging, new specific workflows for the optimization of imaging techniques, or advancement in the characterisation of physical parameters of mudrock, such as porosity, permeability and strength (stiffness, plasticity and brittleness). These may relate to the characterisation of mudrock in relation to their role as hydrocarbon reservoir caprocks, reservoirs or source rock, as well as to applications in geoengineering / geomechanics, and may also include the characterisation and study of changes noted from the utilisation of mudrock in the formation of ceramics (both archaeological and modern). All papers that concern advanced techniques in the characterisation of mudrock, as well as indicating the practical significance of such work, are welcome, and may include review papers in any of these aspects.

- mudrock composition
- reservoir
- caprock
- diagenesis
- geomechanics
- slope stability
- foundations
- ceramics
- pottery

### Guest Editor

Dr. Jim Buckman

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### Deadline for manuscript submissions

closed (20 December 2021)



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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