Special Issue

Geomicrobiology in Extreme Environments

Message from the Guest Editors

Geomicrobes are widely distributed in various extreme environments, such as acid mine drainage (AMD), hot spring, reservoir, and deep subsurface. Functional extremophiles are very powerful forces that shape our planet's environment. We sincerely invite contributions to this Special Issue on aspects listed in the following keywords, covering recent advances and innovations in extreme environments, which will be of interest to researchers and practitioners in the geomicrobiology field. The topics of interest include but are not limited to:

- Acidophiles in AMD;
- Halophilic archaea in saline lakes;
- Deep-sea hydrothermal vents;
- Virus in extreme environments;
- Sulfur-reduction microorganisms in hot springs;
- Hydrocarbon degradation bacteria in subsurface biosphere;
- Groundwater microorganisms in a Karst environment.

Keywords:

- geomicrobiology
- C/N/S cycling
- arsenic
- extremophile
- Fe(II)/Fe(III)
- mineral

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST
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