

## Special Issue

# Gas Hydrate: Environmental and Climate Impacts

### Message from the Guest Editors

In the last few decades, gas hydrates have been considered as a possible reservoir of natural gas, even if the actual global estimate is very rough, and also they are related to global changes and geohazards. In fact, the increasing attention regarding gas hydrates is increasing from: (1) the assessment of methane hydrates as a new 'clean' energy source, (2) the relationship between gas hydrate and global climate, and (3) the geological hazards related to the gas hydrate. Gas hydrates can be related to environmental risks because their dissociation can affect seafloor stability and release methane (and associated gases) into the water column. In fact, methane is an important greenhouse gas and any release of methane to the atmosphere would have an impact on climate change. This Special Issue on gas hydrate offers the scientific community an opportunity to illustrate their research. Therefore, we invite you to submit original research and review articles on this topic.

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### Guest Editors

Dr. Umberta Tinivella

Dr. Michela Giustiniani

Dr. Ivan de la Cruz Vargas Cordero

Dr. Atanas Vasilev

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### Deadline for manuscript submissions

closed (31 March 2019)



## Geosciences

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## About the Journal

### Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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### Editor-in-Chief

Prof. Dr. John C. Eichelberger

Alaska Center for Energy and Power, University of Alaska Fairbanks,  
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