



Sea Ice and the Arctic Coast

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Message from the Guest Editors

Dear Colleagues,

The goal of this Special Issue of *Geosciences* is to explore Arctic coastal sea ice in terms of its role in shaping coastal dynamics and geomorphology, in providing ecosystem services, and as a focus of integrated observing programs. The presence of coastal sea ice shapes unique human-environmental systems, many of which are experiencing significant change coincident with pan-Arctic trends in sea ice loss and increasing temperatures across the region.

This Special Issue aims to provide an outlet for rapid, widely accessible publication of peer-reviewed studies taking an interdisciplinary perspective on Arctic coastal human-environmental systems, while advancing geoscientific understanding of Arctic coastal sea ice processes. This special issue aims to cover, without being limited to, the following areas:

- Landfast sea ice as a component of climate system;
- The role of sea ice in marine-terrestrial interactions;
- The role of coastal sea ice in buffering coastal erosion;
- Sea ice-seafloor interaction;
- Integrated and interdisciplinary observing programs; and
- Landfast sea ice as a physical and dynamic platform for human activities





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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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