Special Issue

Sea, River, Lake Ice Properties and Their Applications in Practices

Message from the Guest Editors

The ice texture properties significantly depend on crystal variants and connection style between crystal boundaries. The connection style is sensitive to the temperature surrounding the ice material. With global warming, the increase of ice temperature at high-latitude areas is observed and it is expected that the process will accelerate in the future. The ice research advances for the cold regions at the middle latitude, where the ice temperature is near freezing point may support the ice sciences and engineering at polar regions. Therefore, understanding the properties of sea, river, and lake ice, especially the ice properties near the freezing point, and their applications in different practices are useful for polar ice science and engineering.

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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

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