



water



Special Issue Reprint

Ice and Snow Properties and Their Applications

www.mdpi.com/books/reprint/10777

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ISBN 978-3-7258-3814-1 (Hardback)

ISBN 978-3-7258-3813-4 (PDF)

This Special Issue, entitled "Ice and Snow Properties and Their Applications", aims to advance knowledge in the areas of hydrology, ecology, and engineering by focusing on the changing physical, thermal, and mechanical properties of ice and snow. With climate change rapidly altering the cryosphere, it is crucial to employ interdisciplinary approaches to study these changes. The research in this Special Issue utilizes a range of methods, including remote sensing, numerical modeling, and experimental studies, to improve our understanding of ice and snow behavior. These studies will help provide the data necessary for developing strategies to mitigate the risks associated with ice dynamics, such as flooding and ice-related disasters, and to support the sustainable development of infrastructure and ecosystems in cold regions. By bringing together research from diverse fields, this Special Issue will foster collaboration that will help inform future scientific advancements and practical solutions in the face of a rapidly changing cryosphere.



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