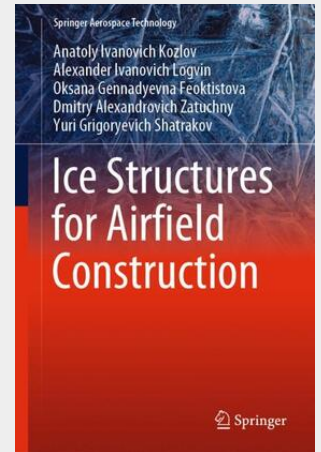


## Ice Structures for Airfield Construction

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This book analyzes various properties and structures of ice from the point of view to solve problems in civil aviation. The Arctic zone of the Russian Federation, together with large territories of Siberia and the Far East, is a zone, that is insufficiently provided with ground navigation facilities, as well as platforms and airfields for landing aircraft, including in the event of unpredictable situations. However, most of this area, especially in winter, is covered with ice, which can be used to solve this problem. The possibility of using ice sheets for the construction of airfields or the location of ground-based flight support facilities requires careful study and analysis. This book is devoted to the study of the properties and structure of ice, with a view for use in civil aviation to construct ice airfields and the placement of ground-based flight support facilities.

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