

Content

- Chapter I. Fast ice conditions in the Kara Sea and possible reasons of interannual changes of fast ice area
- Chapter II. Investigation of ice drift patterns in the Kara Sea using remote sensing
- Chapter III. Climatic regime and its changes in the region of the Barents and Kara seas
- Chapter IV. About impurity of the ice in the Kara Sea
- Chapter V. Monitoring of the ice cover contamination in the Arctic seas
- Chapter VI. Modelling of ice thickness heterogeneity with puddles formation
- Chapter VII. Parametrization of the radiation processes in the ice cover model
- Chapter VIII. Modeling of Ice and Ocean Circulation in the Kara Sea
- Chapter IX. Numerical modelling of interaction between gravity waves and elastic ice floes