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**Charles R. Bostater Jr.
Xavier Neyt
Françoise Viallefont-Robinet**
Editors

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- 7 Satellite and In-situ Sensing
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Introduction

The purpose of the conference Remote Sensing of the Ocean & Sea Ice and the accepted papers reviewed and contained within this volume is to make known significant author contributions to the scientific literature of water related remote sensing, physical oceanography and the environmental sciences. The reviewed papers you find contained in this volume represent the reporting of significant efforts by the authors and their associated colleagues. The editors thank the conference participants for their contribution by attending the meetings and asking questions regarding the presentations.

The papers contained in this volume were reviewed by the editors and approved for publication. These conference proceedings include contributions that discuss important aspects of coupling remote sensing and remote sensing models with physical oceanographic models, as well as addressing the coupling of the atmospheric and its influence at the air-sea interface. We have attempted to enhance this conference proceedings series by requesting invited sessions and papers on topics of concern. There were excellent papers concerning polarization of water, aspects of sun glint, oil spills and surface films, as well as neural network applications.

We believe that the future conference topics will continue to stress the importance of satellites, CubeSats, suborbital airborne platforms, drones, and ground-based imaging and data analysis that address the importance of coupled land-sea-atmosphere interactions through remote sensing of this critical boundary layer.

Last, we thank the staff at SPIE for their assistance and support for the publication of this book.

Charles R. Bostater Jr.
Xavier Neyt
Françoise Viallefont-Robinet