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Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2023

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Preface

The purpose of the conference “**Remote Sensing of the Ocean, Sea Ice, Coastal Waters, and Large Water Regions 2023**” and the accepted papers reviewed and contained within this volume is to help contribute to our scientific understanding of remote sensing, physical oceanography and the environmental sciences. The 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 contributions.

The reviewed papers contained in this volume discuss important aspects of coupling optical remote sensing and remote sensing models for developing a “systems” perspective of sensing the air-sea interface. This series of proceedings includes invited talks and papers on topics of concern, such as using satellite remote sensing data in conjunction instruments mounted in fixed platforms in water bodies.

Future conference topics will continue with AI and automated feature detection techniques for mapping water bodies, including oceans as well as other water regions and water types using sensor data from satellites and autonomous airborne vehicles.

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

Charles Bostater
Xavier Neyt

