PREFACE

SPECIAL ISSUE
PROGRESS IN HYDRODYNAMICS AND MORPHODYNAMICS OF TIDAL INLETS
A GLOBAL UPDATE

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During the past few decades, numerous investigations of tidal inlets and river entrances have been conducted in connection with disaster prevention such as flood control, maintenance of navigation channels, and environmental enhancement. In recent years, numerous new environmental issues have come to the forefront B in which unique and, often, endangered communities of plants and animals and associated quality of water are of concern. Sediment sharing between navigation channels at tidal entrances and the adjacent beaches is also of increased concern, involving alterations of the beach and consideration of tidal inlet morphology.

Advancement of field measurement techniques and numerical simulation methods have enabled engineers to make comprehensive investigations and modifications of tidal inlets to address the various needs of society. Such progress has occurred worldwide with increased commercial and environmental pressure on coastal tidal inlets and river entrances. The aim of this special issue is to bring together a diverse group of researchers from various regions, such as the Asian Pacific, USA and EU to document their experiences, progress, and lessons learned in the science and engineering of tidal inlets and river entrances.

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