

Preface

This special issue of the journal contains a selection of papers presented at the IUTAM Symposium on Three-Dimensional Aspects of Air-Sea Interaction, held in Nice on 17–21 May 1998. This IUTAM symposium, organized jointly by the “Institut Non-Linéaire de Nice” and the “Institut de Recherche sur les Phénomènes Hors Equilibre,” covered theoretical, numerical and experimental studies in three-dimensional wave fields. The meeting was designed to promote closer interactions among a wide spectrum of experts, including fluid mechanicians, oceanographers and mathematicians and give a new momentum to this field.

The main topics which were considered during the symposium are represented through the selection of papers. These topics are: Wind-waves interactions, wave-wave interactions, wave-current interactions, breaking waves, long waves (surface and internal waves) and remote sensing.

This collection of papers provides a good introduction to a range of challenging problems in three-dimensional aspects of air-sea interaction.

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Chairmen of the Symposium