Inhaltsverzeichnis

ROBERTO MAYERLE and WERNER ZIELKE PROMORPH – Predictions of Medium-Scale Morphodynamics: Project Overview and Executive Summary	1
FERNANDO TORO, ROBERTO MAYERLE, POERBANDONO and JORT WILKENS Patterns of Hydrodynamics in a Tide-Dominated Coastal Area in the South Eastern German Bight	25
POERBANDONO and ROBERTO MAYERLE Composition and Dynamics of Sediments in Tidal Channels of the German North Sea Coast	63
KLAUS RICKLEFS and NILS EDVIN ASP NETO Geology and Morphodynamics of a Tidal Flat Area along the German North Sea Coast	93
Andreas Benkel and Günter Groß Meteorological Data and Wind Field Modelling in the Dithmarschen Bight	129
Carlos Palacio, Roberto Mayerle, Mauricio Toro and Nestor Jiménez Modelling of Flow in a Tidal Flat Area in the South Eastern German Bight	141
JORT WILKENS, INGO JUNGE and HELGE HOYME Modelling of Waves in a Tidal Flat Area in the South-Eastern German Bight	175
ROBERTO MAYERLE, JORT WILKENS, CARLOS ESCOBAR and WIWIN WINDUPRANATA Hydrodynamic Forcing Along the Open Sea Boundaries of Small-Scale Coastal Models	203
ROBERTO MAYERLE, GATOT PRAMONO and CARLOS ESCOBAR Dimension and Roughness Distribution of Bed-Forms in Tidal Channels in the German Bight	229
CHRISTIAN WINTER, POERBANDONO, HELGE HOYME and ROBERTO MAYERLE Modelling of Suspended Sediment Dynamics in Tidal Channels of the German Bight	253
INGO JUNGE, JORT WILKENS, HELGE HOYME and ROBERTO MAYERLE Modelling of Medium-Scale Morphodynamics in a Tidal Flat Area in the South-Eastern German Bight	279
JORT WILKENS and ROBERTO MAYERLE Morphodynamic Response to Natural and Anthropogenic Influences in the Dithmarschen Bight	311
INGO JUNGE and BJÖRN SCHUBERT Exchange and Archiving of Measurement Data Within the Research Project PROMORPH	339
KERSTIN SCHROTTKE and FRIEDRICH ABEGG Near-Bed Suspended Sediment Dynamics in a Tidal Channel of the German Wadden Sea	353
HENDRIK EDEN, JENS HENSSE and VOLKER MÜLLER Investigations of Transient Sediment Dynamics by the DSLP-Method	369

KLAUS RICKLEFS, SUSANNE LEHNER and JAN RAUSCH	
Morphological Changes in a Tidal Flat Area: A Comparison of Radar, Optical and In-Situ Topographic Data	379
POERBANDONO and ROBERTO MAYERLE Effectiveness of Acoustic Profiling for Estimating the Concentration of	
Suspended Material	393
Susanna Jiménez-González, Roberto Mayerle and Juan José Egozcue	
A Proposed Approach for the Determination of the Accuracy of Acoustic	400
Profilers for Field Conditions	409