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Titolo	Dune erosion during storm surges [[electronic resource] /] / Jacob Simon Marie van Thiel de Vries
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Nota di bibliografia	Includes bibliographical references (p. 165-173) and curriculum vitae.
Nota di contenuto	Title Page; Contents; Abstract; Samenvatting; Chapter 1 Introduction; Chapter 2 Large scale dune erosion tests; Chapter 3 Interaction of dune face and swash zone; Chapter 4 Modeling near dune hydrodynamics; Chapter 5 Modeling near dune sediment suspensions; Chapter 6 Modeling dune erosion; Chapter 7 Conclusions and recommendations; References; List of symbols; Appendix A Description of the morphodynamic model XBeach; Appendix B Model input files; Acknowledgements; Curriculum Vitae
Sommario/riassunto	Explains the dune erosion during storm surges as it occurs along the Dutch coast. This book discusses areas including a large scale erosion experiment designed to improve insight into near dune hydrodynamics, sediment transport and interaction between dune face and swash zone.