

浜崖後退抑止工の性能照査・施工・管理マニュアル
-共同研究「海岸保全における砂袋詰め工の性能評価技術に関する研究」報告書-

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概要

平成22年9月から平成25年3月にかけて、共同研究「海岸保全における砂袋詰め工の性能評価技術に関する研究」を実施した。

本資料は、共同研究の成果を現場で活用できるよう「浜崖後退抑止工の性能照査・施工・管理マニュアル」としてとりまとめ、合わせて共同研究の経緯を添付し報告するものである。

キーワード : 砂丘、浜崖後退抑止工、サンドパック、養浜、中詰め材、被災機構、
充填率、波力安定性、袋材性能照査、張力、摩耗劣化、気象要因劣化、
点検・維持管理、袋材性能試験法、引張強度、劣化促進試験

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A Manual on Performance Evaluation, Construction and Maintenance
for Sand Dune Scarp Control Works

- A Report on NILIM Public-Private Joint Research “Research on Performance Evaluation
of Sand Pack Structure for Coastal Protection Works” -

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Synopsis

NILIM Public-Private Joint Research “Research on Performance Evaluation of Sand Pack Structure for Coastal Protection Works” was conducted from September 2010 to march 2013.

This Technical Note provides “A Manual on Performance Evaluation, Construction and Maintenance for Sand Dune Scarp Control Works” which intended to promote the use of results of joint research on coastal works. Joint research activities which conducted by each member were also reported.

Key Words : Dune, Dune Scarp Control Work, Sand Pack, Beach Nourishment, Fill Material, Failure Mechanisms, Filling Rate, Stability against Wave Force, Performance Evaluation of Pack Material, Tension acting on Pack Material, Abrasion by Beach Material, Degradation of Pack Material by Ultraviolet and Hydrolysis, Inspection and Maintenance, Performance Evaluation Method for Pack Material, Tensile Strength of Pack Material, Accelerating Test for Strength Degradation of Pack Material.

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