

MEGA-NOURISHMENTS: A FIRST COMPARISON W.R.T. DUNE FORMATION - THE SANDMOTOR

- Sandmotor vs. regular beach nourishment
- Sandmotor vs. natural sandflat
- Sandmotor vs. shoreline extension projects

SAND MOTOR VS. SHORELINE EXTENSION PROJECTS



Man-made dune

Initial state



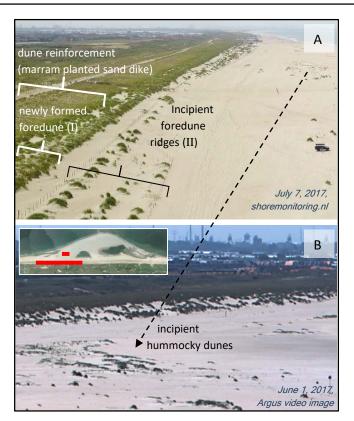
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'clean slate'



DUNE AND VEGETATION DEVELOPMENT FROM 'CLEAN SLATE' AFTER 6 YEARS





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DISCUSSION

- 1. How does <u>initial design</u> affect dune formation&development and ecological development?
- 2. How do <u>human activities</u> (use, management) affect dune&development and ecological development?
- 3. How important is the <u>particular sequencing of forcing conditions</u> that occurs ? (e.g. wind, precipitation, temperature)



SAND MOTOR VS. SHORELINE EXTENSION PROJECTS





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