

Zwakke schakels – Noord-Holland

Aeolian Morphology and Ecology
Summary and discussion

17-11-2017

Summary

Morphology

- Rapid increase of seaward dunes
(up to 1.5m/yr and 35-40 m³/m¹/yr), especially in the center dune valley
- Proven effectiveness of measures ‘unwanted’ aeolian transport
 - wood-brushed
 - profile variation
 - Marram grass
- Hardly any dynamics (morphology) in upper and landward part of dunes

Summary

Ecology

- Dune valley rapidly freshening (~3000mg/l)
- 'vital' marram grass at seaside, less vital on top
- High variety between dike and dune
- Embryonal dunes on beach