Thorpeness Monthly Monitoring Report

Date and Time of Survey: September 22, 2022; 15:30
Time of Low Tide: 15:30
Height of Low Tide (m ODN):
Inspector: Chris Finbow/Thomas Hayden
Monthly inspection of the frontage between Thorpeness village and Ness. The purpose is to check signage, flag any hazards relating to public safety, inspect condition and exposure of defences and monitor geomorphological changes. This report is used to inform coastal management decision making and will be shared with the community. For best access, inspections should be done at low tide with due regard to the weather and sea state.

Conditions over the Last Inspection Period:
High spring tides accompanied by northerly winds towards the latter half of the monitoring period.

Southern Undefended Frontage

Intertidal Beach volume change: Much lower
Supratidal Beach volume change: No change

Comments on the geomorphological change over the southern UNDEFENDED frontage: There has been a notable loss of beach material on the lower beach profile.

Images of the southern UNDEFENDED frontage:

(Central) Defended Frontage

Intertidal Beach volume change: Much lower

Supratidal Beach volume change: Moderate decrease

Comments on the geomorphological change over the DEFENDED frontage: Notable loss of beach material in front of the gabions, with one metre loss at the gabion to rock transition. Beach loss reduces the further south you go.

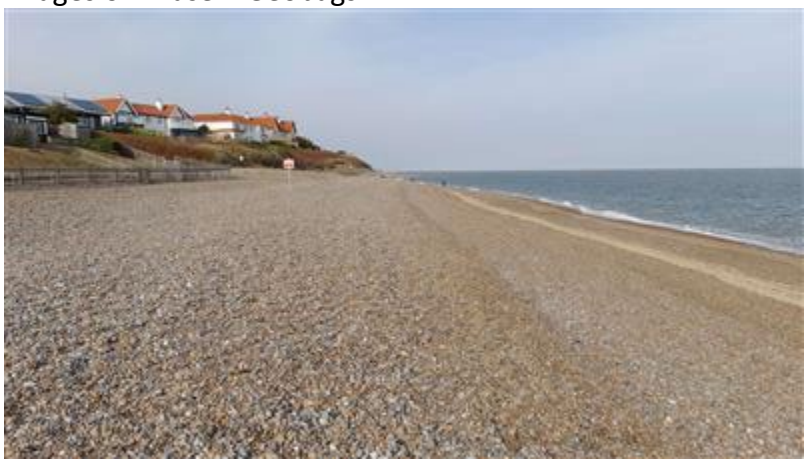
Images of the central DEFENDED frontage:

Gabion condition

Images of the gabions:

Phase 1 Geobag condition

Phase 1 Geobags still buried.
Images of Phase 1 Geobags:



Phase 2 Geobag condition

Comments on Phase 2 Geobag Condition: Loss of lower beach material has increased exposure of the geobags.

Images of Phase 2 Geobags:

Signage condition

Signage condition: Good
Comments on signage: Still present and legible.

Hazards/Debris

Comments on Hazards/Debris: Some gabion wire has been moved/re-distributed. Beach lowering in the intertidal zone has meant that there are more of the northern geobags and lower gabions exposed.

Images of Hazards/Debris: Examples recorded on inspection below.

Northern UNDEFENDED Frontage:

Intertidal beach volume, north of defence termination: Much lower
Supratidal beach volume, north of defence termination: No significant change
Comments on the geomorphological change, north of defence termination: Beach lowering, cliff top recession, overhanging cliffs, active cliff erosion, debris at base of cliff, debris exposed.

Images of the Northern UNDEFENDED Frontage:

Additional Aerial Photographs: