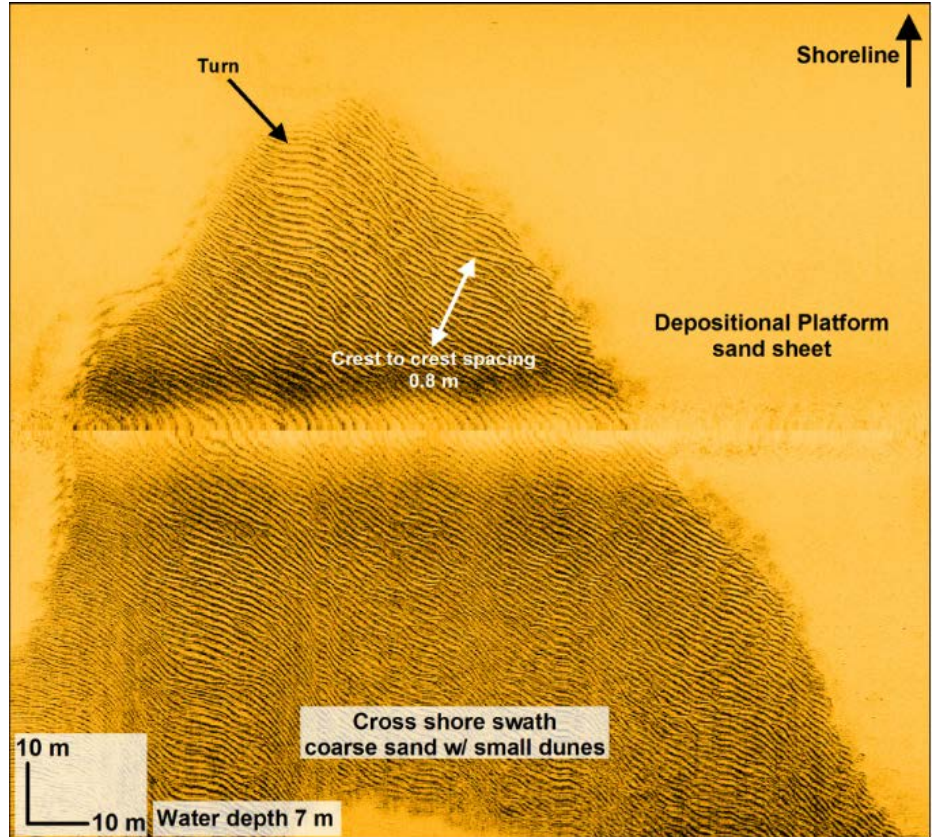


Shoreface offshore of Matunuck, Rhode Island

Data was collected by B.A. Oakley and J.D. Alvare, as part of a project mapping the shoreface to locate a placement site for beneficial reuse of dredged material.

Cross shore swaths have many names in the literature (i.e. Ripple-scour repressions, sorted bedforms). We believe they represent areas of downwelling during storms. Bedforms are symmetric, formed by wave-orbital motion during the waning portion of a storm. Depositional platform is fine to medium sand, cross shore swath is coarse sand, with some pebble sized gravel in the troughs of the 0.7 - 1.2 m (crest to crest spacing) 2D small dunes.



The data was collected using an EdgeTech 272TD and funded by the New England District of the USACE.

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