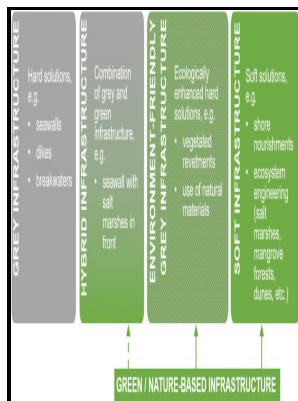


# Shore protection manual.

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Description: -

- Grandjouan, Claireve.  
Shore protection. Shore protection manual.

- AD/A-001 340 Shore protection manual.

Notes: Bibliography: p. 4-155-4-180.

This edition was published in 1973



Filesize: 14.710 MB

Tags: #Shore #Protection #Structures

## Shore protection manual

Of the projects mentioned, Carolina Beach, Redondo Beach, and the Dade County beaches are discussed below.

**CERC (1984) Shore Protection Manual. Vol. I, CERC Dept. of the Army, U.S. Army Corps of Engineers, Washington.**

As the beach fill progressed, the submerged line was moved by capping the shore end of the discharge and then pumping water out of the line. In fact, we construct and maintain over 30% of the nation's total shore protection projects.

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Concentration of Wave Energy on Beaches. There are normally two tides per day, but some localities have only one per day.

## Shore protection manual (1984 edition)

Some of the fill material was transported onto the backshore above the +3. It need not be perpendicular to the prevailing wind direction and will function even if constructed with some angularity to sand-transporting winds. Field tests of dune building with sand fences under a variety of conditions have been conducted at Cape Cod, Massachusetts, Core Banks, North Carolina, and Padre Island, Texas.

## Shore Protection

These large dredges excavate material at depths greater than 27 meters.

**CERC (1984) Shore Protection Manual. Vol. I, CERC Dept. of the Army, U.S. Army Corps of Engineers, Washington.**

Rapid recession of the Carolina Beach shoreline during the first 2 years was a result of the profile adjustment along the active profile which terminates at depths between -7 and -9 meters -22 and -30 feet MLW, as well as net losses in volume resulting from the natural sorting action displacing

the fine material to depths seaward of the active profile. This is desirable for high production because it minimizes moving and swinging of the dredge. The contractor used a modified 40-centimeter-diameter 16-inch hydraulic pipeline dredge with a water-jet head on the end of a 27-meter 90-foot ladder.

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