TAI HOE RESOURCES

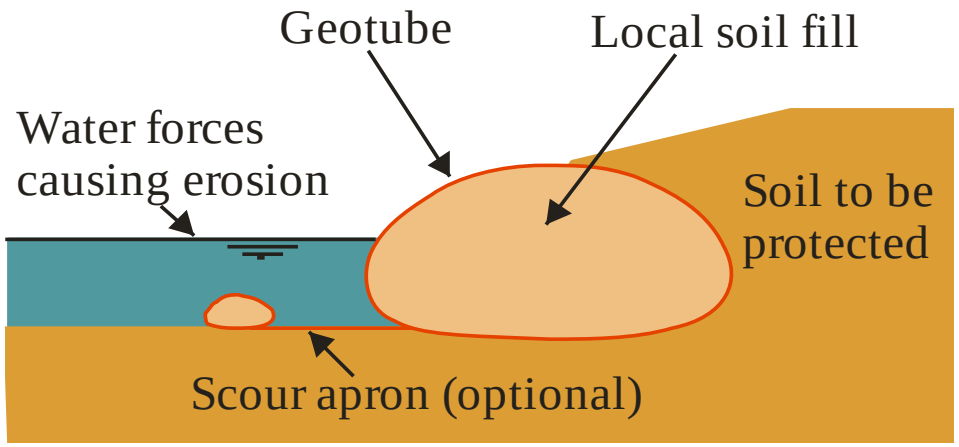
Geotube System for Waterway and Coastal Engineering Applications

- Formed on land or in water
- Theoretical Diameters 1m to 5m
- Hydraulically filled with sand, silty sand (for hydraulic applications) or fine fills
- Normally filled to maximum density and volume for hydraulic applications
- Mass-gravity structures for hydraulic and marine applications
- Good geometrical tolerances
- Dykes for river training, reclamation and water control

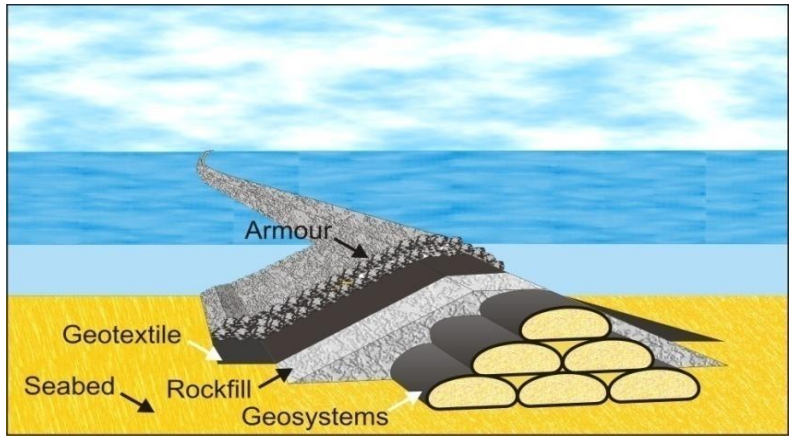
Geotube Application

TAI HOE RESOURCES

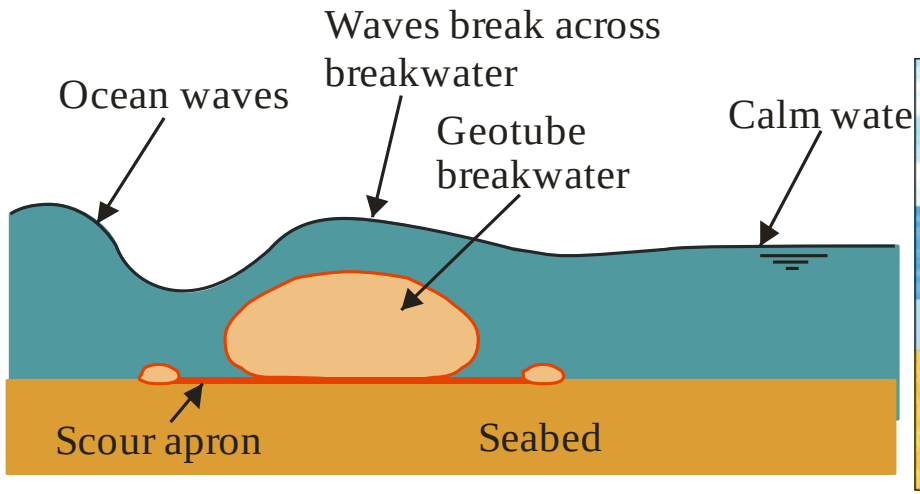
1. Revetments



2. Replace rockfill core of dykes, jetties and breakwaters

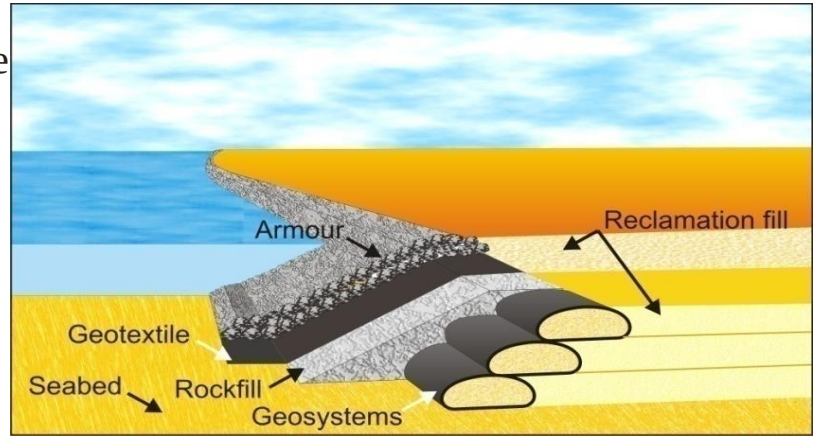


3. Offshore Breakwaters and Artificial Reefs

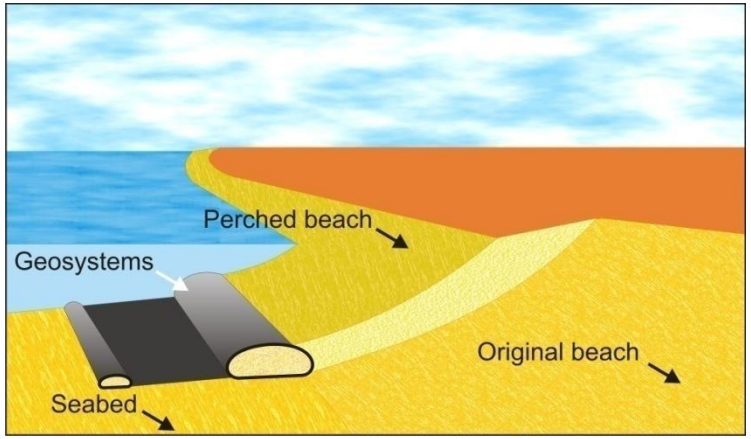


4. Containment Dykes

Reclamation dykes to retain land reclamation fill from being washed away



Underwater dyke to either retain sand nourishment project or to encourage natural accretion of sand behind dyke



Installation Procedure – Geotube

TAI HOE RESOURCES

Levelling of area

Installing scour apron

Filling Geotube

Filling of Geotube hydraulically with sand

Sand pumped from seabed using submersible pump

After sand filling

Project References

TAI HOE RESOURCES

Supply at Pantai Nenasi, Pahang - 2018

Supply at Pantai Kelanang, Selangor -2016

Supply at Ser Kijang, Langkawi -2014