

## TenCate™ Geotube® Protection Technology for Coastline Mitigation

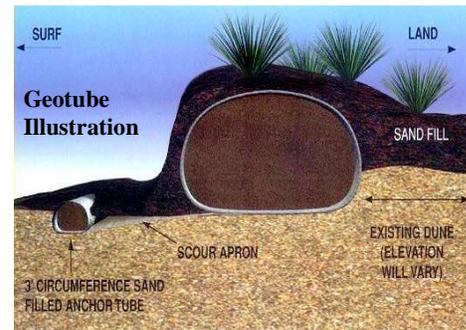
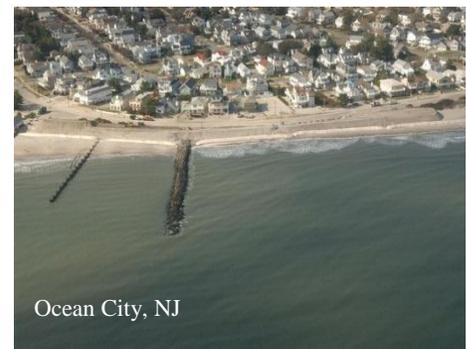
The past decade has demonstrated the significant impact that environmental disasters (man-made & natural) can have on coastal communities. The BP oil spill affected the shorelines and ecosystems of the Gulf States, and Hurricanes Isaac and Sandy have shown the growing reach and devastation of the hurricane seasons on the East Coast. The need to mitigate future damages is urgent. **Products that can potentially meet this need must be considered and reviewed.**

TenCate™ Geotube® containers are constructed from a specially designed textile material that is durable and stands the test of time. Filled with Sand, Geotube® units can be used to create land barriers to prevent ocean surf from reaching shorelines, or buried at the coast to break and minimize storm surges.

*Proven:* Geotube® containers have been installed in numerous coastal projects in New York & New Jersey. Geotube® Protection Technology is credited with performing as designed and protecting portions of Ocean City, NJ that would have otherwise significantly impacted by Hurricane Sandy. Additional areas protected by Geotube® containers are in use in artificial shorelines, barrier islands and beach structures. These all provided significant protection during Hurricane Sandy.

*Environmentally friendly:* TenCate™ Geotube® containers are a low risk way to preserve the coastline in many areas and mitigate future storm damage. Geotube® containers are easily hidden from view and are typically integrated into the natural landscape. Geotube® units do not impact the existing environment and they can be removed or changed without leaving a trace.

*Cost effective:* Geotube® protection technology costs are minimal compared to the costs of damage repair and clean up caused by storm surges and flooding. TenCate™ works to supply and support local contractors who set up, install, and maintain these solutions and to provide any needed repairs and maintenance.



## Conclusion

The House passed Supplemental Appropriations bill (H.R. 152) included over \$3 billion for mitigation of future natural disasters, such as Hurricane Sandy and other man-made disasters, such as the oil spill. TenCate™ Geotube® based marine structures offer a low risk way to preserve coastlines in many areas and mitigate future storm damage, while responsibly using tax-payers' dollars and creating local jobs.