

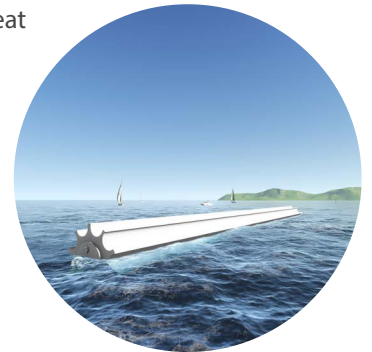


## COASTAL PROTECTION SOLUTIONS

### Executive Summary

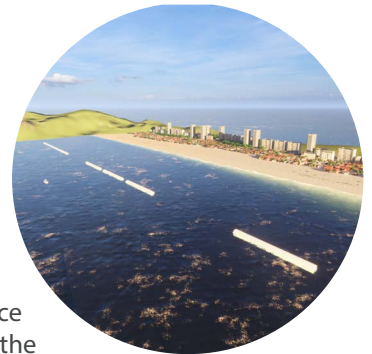
Coastal Protection Solutions, Inc. specializes in patent-pending easily deployable systems that mitigate coastal flooding and protect communities against the threat of climate change. Our main patent-pending invention is a system called The Wavebreaker™ which acts as a wave “speedbump” to decrease the height and velocity of waves mitigating the damage to life and property in coastal communities from a major storm.

- Easily Deployable
- Moveable
- 300 feet wide
- Affordable
- Scalable
- Custom Installed based on the site
- Ecological
- Streamlined Design
- Prevents erosion
- Easily manufactured



### How It Works

The Wavebreaker™ is a composite steel structure that is tethered to the bottom of the ocean about 50-100 meters off the coastline. -The force from the wave hits the Wavebreaker, the structure bears the brunt of the force of the wave and the wave dissipates as it rolls over the grooves. We are currently working on adding wave energy and sensors so the device will pay for itself.



### Cost

Coastal Protection Solutions, Inc operates The Wavebreaker™ on a device + service model. We estimate that each wavebreaker will cost approximately \$80,000 and the yearly maintenance will depend on the size of the installation.

### Press

**The Boston Globe**

<https://bit.ly/3rAt5J4>

**Nasdaq**

<https://bit.ly/3LZa9L6>

**HARVARD UNIVERSITY**

<https://bit.ly/3xbJzrN>

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Contact:  
Alex Berkowitz  
Founder & CEO  
alex@coastalprotectionsolutions.com  
www.coastalprotectionsolutions.com  
Tel: 917.535.2539  
Cambridge, MA



2022 Winner

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