ECO Piles & Jackets

ECOncrete’s ecological Piles & Jackets substitute standard concrete piles and encasements for aging concrete, steel and timber infrastructures. They provide the necessary constructive support and protection while creating new and productive marine habitats. ECO Piles can be manufactured as pre-cast or cast on-site, in accordance with marine construction standards, using an innovative modular mold system. Jackets can be cast on-site above and below the waterline. Past installations have successfully recruited endangered species such as the Eastern oyster and generated nursing grounds for commercial species like the Atlantic blue crab, even in heavily exploited waterfronts such as New York Harbor.
ECO Piles & Jackets
**Benefits**

- **Structural Performance**
- **Low Maintenance**
- **Environmentally Sensitive**
- **Bioprotection**
- **Easy Installation**
- **Facilitated Permitting**
ECOncrete leads the world in bio-enhancing concrete technology that is the first to provide both superior strength and ecological benefits. Our trailblazing products are found in ports and waterfronts across the globe. From now on, all high-performance concrete infrastructure such as sea walls, breakwaters, and harbors can be more durable over a longer lifespan while improving water quality and enhancing biological diversity. The patented technology incorporates three proven science-based elements that work in synergy.