



FLOATING
WETLAND
SOLUTIONS

BioHaven® Floating Islands

NUTRIENT REDUCTION

BioHaven® provides many environmental services, reducing nitrates, phosphorus, total suspended solids, and algae.

- New stormwater pond design-- smaller footprint with greater storage volume and better economic land use
- Easily retrofits into existing stormwater ponds-- no need for additional land
- Ideal for wastewater lagoons with added circulation



Stormwater pond

SHORELINE PROTECTION

BioHaven® provides a better approach for protecting shorelines from erosion and restoring natural vegetation.

- Excellent wave reduction-- waves are absorbed instead of being redirected
- High tensile strength-- islands have withstood 90 mph hurricane winds



Wave reduction

BEAUTIFICATION

BioHaven® islands provide visual appeal for waterways.

- Islands can enhance recreational areas or softscape industrial areas
- Most islands are vegetated with native aquatics although non-aquatic plants can also be planted due to wicking channels
- Buoyancy can be adjusted for trees, rocks, and driftwood to enhance island design



Floating gardens

HABITAT CREATION

BioHaven® floating islands are an excellent solution to create habitat for wildlife to thrive.

- Plants provide food, cover, and refuge for wildlife in the waterbody
- The island provides cover, shade, and a rich food source for fish to live
- Can be customized to fit the needs of a specific species

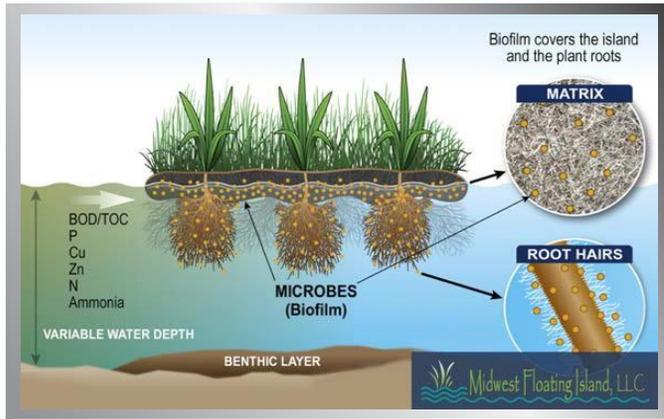


Sustainable habitats for species above and below the water's surface



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How Floating Treatment Wetlands Work:

BioHaven® Floating Islands bio-mimic natural wetlands but have more surface area. This significantly increases microbial development to naturally clean polluted waters.

Reduce Ammonia 60-87%

Reduce TSS 54-89%

Reduce Phosphorous 42-69%

Reduce Nitrogen 40-80%

The BioHaven® Advantage

- A natural solution for sustainable treatment
- Ideal retrofit for existing ponds and waterways
- Durable, surviving hurricane force winds and many harsh winters
- No additional land required
- Modular and scalable; can be customized for any shape, size, or buoyancy to fit beautifully in any waterscape
- Islands anchored to adjust to changing water levels, reducing issues with plants flooding or drying out
- Can be bundled with aeration



BioHaven applications include cleaning wastewater, wetland restoration, and swales for ditches. Please contact us for more information.

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