

Instructional Segment	Aquatic Attributes	Disappearing Diversity
<p><i>Grades 9-12</i> Program Synopsis</p>	<p>Water is a vital part of all organic matter. Water has unique properties that animals use to their advantage, such as the ability to walk on water, floating in various levels of the water column or absorption of elements. Experiment with water to discover how animals have adapted to its different characteristics.</p>	<p>Our ecosystems are complex systems requiring biodiversity to properly function. Humans are reducing biodiversity in our oceans at alarming rates, disrupting the delicate balance within ecosystems. Students will propose solutions after discovering human impacts.</p>
<p>Key Terminology</p>	<ul style="list-style-type: none"> • Water Tension • Buoyancy • Ecological Role • Hypoxia • Abiotic Factors 	<ul style="list-style-type: none"> • Biodiversity • Trawl Net Fishing • Habitat Degradation • Biotic Homogenization • Overfishing
<p>Georgia Standards of Excellence</p>	<p>SEC1a. SEV4b.</p>	<p>SEC5d. SO7a.</p>
<p>Next Generation Science Standards</p>	<p>HS-LS2-6</p>	<p>HS-LS2-2</p>

