

Instructional Segment	Evolving Ecosystems (6-8)	Invasive Georgia (9-12)
<b>Program Synopsis</b>	<p>Ecosystem characteristics are in a constant state of change because of our ever adapting planet and contributions from human impacts. Aquatic ecosystems can pose an even greater challenge to define since water covers the majority of the planet. How well can these ever changing ecosystems be identified? Students will play a bingo game to recognize food chains and physical descriptors of different aquatic ecosystems.</p>	<p>Humans are altering landscapes, ecosystems and global patterns, from climate change to introduction of non-native species and much more. Non-native species often get introduced to a new area accidentally and can take root to become an invasive species which negatively impacts the environment. Students will identify invasive species in Georgia and create a plan of action to manage the problems.</p>
<b>Key Terminology</b>	<ul style="list-style-type: none"> <li>• Brackish Water</li> <li>• Epipelagic Zone</li> <li>• Estuaries</li> <li>• Sea Grass</li> <li>• Ecosystem</li> <li>• Flow of energy</li> </ul>	<ul style="list-style-type: none"> <li>• Ecosystem</li> <li>• Invasive species</li> <li>• Economics</li> <li>• Pet Trade</li> <li>• Biodiversity</li> <li>• Habitats</li> </ul>
<b>Georgia Standards of Excellence</b>	S6E3a.    S7L4d.    S8P2c.	SEC3c.
<b>Next Generation National Science Standards</b>	MS-LS2-3.	HS-LS2-7.

