Be AIS AWARE: Amazing AIS Adaptations
What is an adaptation?

A physical, chemical, or behavioral trait that helps an organism to survive in a particular environment.

**ZEBRA MUSSEL:**
- **Physical** - Planktonic larvae, razor sharp shells
- **Chemical** - Byssal protein threads
- **Behavioral** - Filter feeds at all hours

**NORTH AMERICAN BULLFROG:**
- **Physical** - Big eyes, webbed feet, camouflage
- **Chemical** - Slime on skin
- **Behavioral** - Ambush predation
Pick one animal and list its adaptations...
Clean, cold, connected, and complex aquatic habitats support life!

Each habitat is unique! Be sure to design your organism so it can survive!
Lake Zones

- Divided into 3 “zones” determined by light intensity/depth
  - Photic zone (light)
  - Aphotic zone (no light)
  - Benthic zone (bottom)

- Divided into 2 “zones” determined by distance from the shoreline
  - Littoral zone (shoreline)
  - Limnetic zone (open water)
Create your own AIS...

Design your AIS

1. Write a story
2. Draw a portrait