

SCENARIO:

MANAGING AQUATIC INVASIVE SPECIES

(PART 2 — ADAPTATION)

Chesapeake Bay program

Setting the scene

The lake has undergone a transformation. How do you adapt to the new normal?

As a group, read the scenario below, then **discuss**:

5 minutes: If an aquatic invasive plant becomes dominant in the lake, how would the system change?

5 minutes: How could your organization adapt its management actions to support the system post-transformation?

Record your thoughts to share with the group.

Scenario

You live in a lake-rich region, and are very close to a neighboring lake. The two lakes are usually separate, but during heavy rain, they are connected by a stream. You just learned that Eurasian watermilfoil was found in this lake during a volunteer aquatic invasive species identification day.

Consider

- If Eurasian watermilfoil were to establish in your lake, which native plant and wildlife species could be impacted or displaced?
- How might this transformation affect things like lake recreation or water quality in the lake?
- What actions could your organization could take to prepare for this system transformation?

Remember to think about short- and long-term changes (*slow and fast variables*), and how impacts from other lakes, lake organizations, and management groups (*cross-scale linkages*) could shape changes in the lake.