

**BSCI 467: Invasive Species in Freshwater Ecosystems: Introduction**

**Part I. Invasive species: definition, introduction, establishment.**

In the provided space below, please list the first words (associations) that come to your mind when you hear “invasive species” (30 sec)

- Please pick 3 associations in your list which you think your classmates might have, too (30 sec)
- Please compare your guess in pairs and highlight the matches (30 sec)
- Please compare your matches with formal definition of invasive species (1 min) (use 'Yes/No cards')

**Part 2. Freshwater invasive species.** Your assigned species is **zebra mussel**.

- Please read this brief species description (30 sec):



“Brought here from Europe in ships’ ballast water; zebra mussels were first discovered in the Great Lakes region in 1988. Zebra mussels have inflicted tremendous damage to native ecosystems and to facilities using water, like power plants and municipal water suppliers. Millions of dollars have been spent by water users, to control and eradicate zebra mussels. And, as zebra mussel populations in an area increase, native mussels decrease; a strong indication that zebra mussels are the cause.” (U.S. Fish & Wildlife Service, 2017)

- Why is it an invasive species? Please check ALL that applies (30 sec):
  - Introduced to the US from other countries
  - Causes damage to freshwater ecosystem
  - Has economic impact

**Part 3. What is the best title for this scheme?** \_\_\_\_\_

