THE FLIPPED CLASSROOM

Limnology and Oceanography

Limnology: Freshwater Wetlands

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Learning Outcomes

To introduce freshwater wetlands ecosystems

To investigate the key characteristics of freshwater wetlands ecosystems

Q&A from the Class

Consider a question you would like to ask the lecturer based on the wetlands lecture

To pose a question, log onto www.menti.com

Code: 76 13 98

Questions will be addressed as they appear on the screen

(20 mins)

Verbal Volleyball

In pairs, review the key concepts from the wetland lecture

Using your phone, log onto **www.menti.com**

Code 12 04 59

Submit three key concepts or ideas covered by the wetland lecture per group

(20 mins)

Summary of Key Points

There are three freshwater wetland ecosystem types found worldwide

- Lacustrine e.g. along rivers and lakes
- Riverine e.g. riparian woodlands
- Palustrine e.g. bogs

There are four key freshwater wetland ecosystem characteristics:

- Geomorphology e.g. location in the catchment
- Hydrology e.g. sources, water depth, hydroperiods, water chemistry
- Hydric soils e.g. mineral and organic (peat)
- Hydrophytes (macrophytes) e.g. emergent, floating, submerged

Classroom Feedback for your Lecturer

On your speech bubble post-it indicate your thoughts regarding this flipped classroom

(5 mins)

Thank you