



ER101. Green Mind: Raising Environmental Awareness in Estonian-Russian Border Area.

Questions about the ER 101 GreenMind Tutorial Video

- 1) **How big is the area of Lake Peipus? (Please note! In the video, an approximate size is mentioned).**
 - a) 2,555 km²
 - b) 3,555 km²
 - c) 4,555 km²

- 2) **Is Lake Peipus rather a deep or shallow lake?**
 - a) Shallow
 - b) Deep
 - c) Neither

- 3) **What is the average depth of Lake Peipus?**
 - a) 5.1 m
 - b) 7.1 m
 - c) 9.1 m

- 4) **What is the general condition of Lake Peipus in terms of the amount of nutrients in the water of the lake?**
 - a) Low-nutrient or oligotrophic lake – generally clean water and low vegetation.
 - b) Medium-nutrient or mesotrophic lake – with good water transparency and average nutrient levels.
 - c) High-nutrient or eutrophic lake – rich in nutrients, lush vegetation grows there, in summer, there may be an algal bloom or the temporary growth of microorganisms in the water

- 5) **What are the consequences of the summer proliferation of blue-green algae for fish in Lake Peipus?**
 - a) Fish eat too much of the algae
 - b) Mass deaths of fish
 - c) Mass migration of fish into rivers

- 6) **How has the water transparency of Lake Peipus changed in the last 30 years?**
 - a) Transparency has remained the same
 - b) Transparency has increased
 - c) Transparency has decreased

- 7) **What factors affect the environmental status of Lake Peipus?**

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- a) Natural and anthropogenic factors
 - b) Natural and semi-natural factors
 - c) Natural and cosmological factors
- 8) What are the biggest environmental problems?**
- a) High phosphate levels in Lake Peipus
 - b) High phosphorus levels in Lake Peipus
 - c) High fossil levels in Lake Peipus
- 9) If there is too much phosphorus in Lake Peipus, what kind of effect does it have on the vegetation of the lake?**
- a) The vegetation will grow
 - b) The vegetation will die
 - c) The vegetation growth will decrease
- 10) How does the phosphorus get into Lake Peipus?**
- a) Through rivers
 - b) Carried by animals
 - c) Through clouds
- 11) What is the reason of the external pollution of the lake?**
- a) Odor pollution from cities and pollution from fisheries culture.
 - b) Air pollution from cities and pollution from aquaculture.
 - c) Point sources of pollution from cities and pollution from agriculture.
- 12) What is the main cause of the internal pollution of the lake?**
- a) The silt amassed in the lake
 - b) The phosphorus amassed in the lake
 - c) The microplastics amassed in the lake
- 13) What is the result of the overabundance of nutrients in Lake Peipus?**
- a) Paludification of the shores, rotting of the spawning grounds, increase of biotic communities of fish
 - b) Pollution of the shores, perishing of the spawning grounds, extinction of biotic communities of fish
 - c) Extensive reed growth in shores, increase of mud volumes in the spawning grounds, changes in the biotic communities of fish
- 14) Why is the management of fishing in border water bodies an important issue?**
- a) To assess the fish stocks
 - b) To preserve the fish stocks
 - c) To eat the fish stocks
- 15) What are the abandoned nets of Lake Peipus called?**
- a) Plastic nets

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- b) Guest nets
- c) Ghost nets

16) How does the trash and waste from the lake return to the people?

- a) Through the value chain
- b) Through the food chain
- c) Through the interim storage of food

17) What might be the most important objective of the people living in rural areas in regard to decreasing the water pollution?

- a) The domestic waste water does not end up in the nature unpurified
- b) The domestic waste water ends up in the nature unpurified
- c) Directing the domestic waste water to the nature

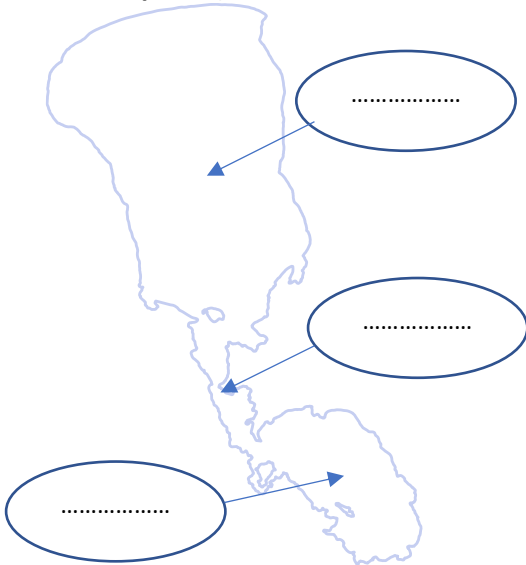
18) What kind of plant protection products are to be used for repelling cabbage worms and grow big cabbages?

- a) Strong plant protection products that kill cabbage worms instantly
- b) Plant protection products and worm repellents with side effects
- c) Natural plant protection products

19) How can local governments help in improving the environmental status of Lake Peipus?

- a) Support measures for removing the waste water purification systems in households
- b) Support measures for constructing waste water purification systems in households
- c) Support measures for increasing the waste water purification systems in households

20) BONUS. Please name the parts of Lake Peipus and three fish species living in the lake (6 points)



1. Fish species.....
2. Fish species.....
3. Fish species.....