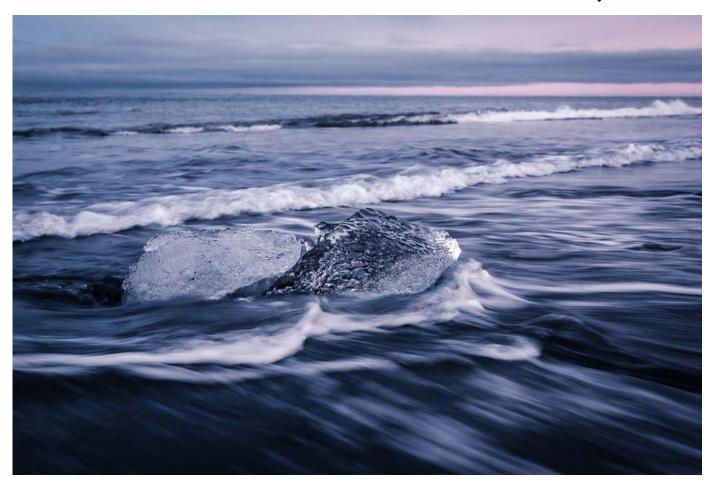
Which Egrth Sphere(S)?



- Identify the sphere(s) this photo would be in and explain why.
- 2 Identify 3 types of interactions that might occur here.
- **1** Identify 3 types of interactions that humans might have here.
- 4 Identify potential animal and plant life that might live here.

Potential Answers:

- -The hydrosphere is made up of all the water found on Earth.
- -This includes oceans, lakes, rivers, groundwater, and even the water found in the atmosphere.
- -Evaporation is the process of water changing from a liquid to a gas.
- -This occurs when the sun's energy heats up the water, causing it to evaporate into the atmosphere.
- -The water vapor in the atmosphere then condenses into clouds, which form rain and snow.
- -The water then falls back to the Earth's surface as precipitation and replenishes the hydrosphere.
- -The oceans and rivers are a major source of water movement.
- -The water from the oceans and rivers can be transported by the wind and currents, which can move the water from one place to another.
- -This water can be moved across the globe, and can affect the climate and weather in different places.
- -The movement of water also helps to mix nutrients and minerals in the ocean, which can then be used by plants and animals.
- -The hydrosphere also plays an important role in regulating the Earth's climate.
- -The oceans act as heat reservoirs, absorbing and releasing heat energy.
- -This helps to keep the temperatures of the atmosphere and the land balanced.
- -The oceans also absorb the sun's energy, which helps to keep the Earth's climate stable.
- -Plants and animals living in the hydrosphere depend on the water for their survival.
- -The water provides them with food, oxygen, and a place to live.

Man's interactions: - Fishing - Shipping - Oil and gas extraction - Tourism - Pollution - Desalination