

Glaciers Quiz PDF

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What are the differences between alpine and continental glaciers in terms of their formation and location?

Describe the process of glacial erosion and its impact on the landscape.

Discuss the potential consequences of accelerated glacier melting on global sea levels.

How do glaciers contribute to the freshwater supply, and why is this important for ecosystems?

What is the term for deep cracks in the surface of a glacier?

- Moraines
- Crevasses
- Cirques
- Fjords

Which type of glacier is found in mountainous regions?

- Continental Glacier
- Alpine Glacier
- Ice Cap
- Iceberg

What percentage of the world's freshwater is stored in glaciers?

- 50%
- 69%
- 75%
- 80%

Which features are associated with glacial erosion? (Select all that apply)

- U-shaped valleys
- Fjords
- Sand dunes
- Cirques

Which of the following are types of glaciers? (Select all that apply)

- Alpine Glacier
- Continental Glacier
- Iceberg

Ice Cap

Which of the following is a major area where continental glaciers are found?

- Himalayas
- Andes
- Antarctica
- Rockies

What are some impacts of glacier melting? (Select all that apply)

- Sea level rise
- Increased freshwater supply
- Habitat loss
- Formation of deserts

Which regions are known for having significant glacial coverage? (Select all that apply)

- Greenlands
- Sahara Desert
- Canadian Arctic
- Amazon Rainforest

Which feature is formed by the accumulation of rocks and dirt on a glacier?

- Drumlin
- Moraines
- Esker
- Kettle

Explain how glaciers can act as indicators of climate change.

What role do glaciers play in shaping the Earth's topography, and how can this be observed in current landscapes?

What is the primary process through which glaciers form?

- Evaporation
- Condensation
- Accumulation and compaction of snow
- Sublimation

What is a glacial surge?

- A slow movement of ice
- A rapid advance of a glacier
- The melting of a glacier
- The retreat of a glacier

Which continent does not have glaciers?

- Africa
- Europe
- Australia
- South America

What factors contribute to the movement of glaciers? (Select all that apply)

- Gravity
- Wind
- Ice deformation
- Ocean currents

What are some reasons glaciers are important to study? (Select all that apply)

- Indicators of climate change
- Sources of saltwater
- Influencers of global weather patterns
- Freshwater reservoirs