

# Southern and Arctic Ocean

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# Southern Ocean



## Location

The Southern Ocean surrounds Antarctica, extending from the Antarctic coastline to about 60 degrees south latitude.



1. Surround: If one thing surrounds another, it is situated all round it.
2. Extend = continue
3. Coastline: outline of a coast
4. Latitude = width



# Important Characteristics

It's the smallest and coldest ocean, characterized by strong winds, icebergs, and extreme conditions.



extreme conditions = very bad situation

# Important Animals

The Southern Ocean is rich in marine life, including various species of seals, penguins, whales (like the blue whale).



# Arctic Ocean





# Location

The Arctic Ocean is located around the North Pole, bordered by northern North America, Europe, and Asia.

**bordered = surrounded**



## Important Characteristic

It's the smallest and shallowest ocean, covered by sea ice for much of the year. The Arctic is experiencing rapid climate change, resulting in shrinking ice cover.

Shallowest  $\neq$  deepest

Rapid = fast

Shrink = melt

## Important Animals

The Arctic Ocean is home to polar bears, walruses, seals, and various species of whales and seabirds that are adapted to cold environments. It also supports unique ecosystems that exist around the sea ice.



Adapt = adjust

