



# SEA ICE + GLACIAL ICE

**Sea ice** is simply frozen ocean water. It forms, grows, and melts in the ocean.

In contrast, **icebergs** are large pieces of ice that have detached from glaciers or ice sheets that have originated on land (**glacier ice**).

**Ice sheets** cover most of the Antarctic continent and Greenland.

**Sea ice** covers about 7% of the Earth's surface and about 12% of the world's oceans.

Due to the action of winds, currents and temperature fluctuations, **sea ice** is very dynamic, leading to a wide variety of sea ice types.

**Icebergs** float in the ocean but are also constantly transformed by wave action and melting processes. This results in icebergs with many different shapes and features. Mariners and scientists use specific terminology to describe different sea ice and iceberg types.