

EarthComm Earth's Fluid Spheres: Cryosphere and Your Community Activity 7

This investigation will help you to:

- Permafrost
- Sea Ice
- Icebergs
- To learn more about permafrost and the biosphere, visit the following web sites:
- To learn more about technological design in permafrost, visit the following web sites:
- To learn more about sea-ice monitoring, visit the following web sites:

Permafrost

- "What is Permafrost?" - Geological Survey of Canada
Site defines permafrost and uses data from real sites to explain what controls the distribution of permafrost.
- "Permafrost: Insights from a new Northern Hemisphere map" - National Snow and Ice Data Center
Defines permafrost, reviews its distribution today, and explains how and why scientists are studying permafrost distribution and what they are learning.
- "Permafrost" - Alyeska Pipeline
Site defines each type of permafrost and looks at the effects of permafrost on the Alaskan pipeline.

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Sea Ice

- "NCEP MMAB Sea Ice Home Page" - NOAA
This page includes links to images that show current and past sea ice distribution around the world. Also includes links for help in interpreting the images.
- "Global Sea Ice Extent and Concentration: What sensors on satellites are telling us about sea ice" - National Snow and Ice Data Center
Article reviews how scientists monitor global sea ice and what they are learning from their results.

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Icebergs

- "Antarctic Ice Shelves and Icebergs" - National Snow and Ice Data Center
Click on links to read about icebergs in the news and view images of ice shelf evolution.
- "Icebergs" - National Ice Center
Click on the "Iceburg Pages" link to find additional information and images of icebergs in the Northern and Southern hemispheres.

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- [National Marine Mammal Laboratory - NOAA](#)

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