



COLD CLIMATE
HOUSING RESEARCH CENTER



PERMAFROST EDUCATIONAL RESOURCES

This document is intended to be a resource for educators who want to learn more about permafrost, the communities that live on or near it, and how permafrost is changing.

WEBSITES

Frozen Ground (NSIDC) – National Snow & Ice Data Center Home page for frozen ground information. Includes various subjects and educational resources.

<https://nsidc.org/cryosphere/frozenground/index.html>

Coastal and Offshore Permafrost – Helps identify urgent geoscience research needs. Includes many subjects, videos and figures.

<https://coastalrra.grida.no/>

Homeowner's Guide to Permafrost – A 30-page guide produced in Nunavut, Canada highlighting the important information about houses, foundations, and living on permafrost.

https://climatechangenunavut.ca/sites/default/files/permafrost_nunavut_eng_reduced_size_0.pdf

How Thawing Permafrost Could Fuel Climate Warming – A graphic interactive website on how climate warming and permafrost influence one another in a system.

<https://graphics.reuters.com/CLIMATE-CHANGE/PERMAFROST/oakveelglvr/>

LINKS



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Building *Nunavut* Together
Nunavut Iluqatigiingniq
Bâtir le *Nunavut* ensemble



Frozen-Ground Cartoons - Website with cartoons, games, videos, and more with a goal of making permafrost science fun and accessible.

<https://frozengroundcartoon.com/>



Permafrost and Climate Change - Set of computer-based tools to teach about permafrost. Includes lesson plans to integrate climate science into core topics.

<https://climatescienceteaching.org/lesson/permafrost/overview>



Hot Times in Cold Places: Permafrost During Climate Change - Educational videos, teaching kits, community events, and other resources to learn about permafrost.

<http://www.permafrosttunnel.org/index.html>



VIDEOS

See the links below to access videos that provide information on permafrost.

- **Permafrost - What Is It?** - Alfred Wegener Institute
 - <https://www.youtube.com/watch?v=lxixy1u8GjY>
- **Thawing Permafrost** - University of Alaska Fairbanks
 - <https://www.youtube.com/watch?v=EPhmooYKeAl>
- **Melting Permafrost** - PBS
 - https://rmpbs.pbslearningmedia.org/resource/ean08.sci.ess.earthsys.permafrost/melting_permafrost/
- **Unpredictable Environment** - PBS
 - <https://rmpbs.pbslearningmedia.org/resource/ean08.sci.life.eco.unpredictability/an-unpredictable-environment/>



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