



UNDER the ARCTIC

Digging into Permafrost

Did you know that permafrost covers nearly a quarter of the landmass in the Northern Hemisphere? Explore how thawing permafrost is transforming landscapes and life throughout the Arctic. Visit Alaska to journey through a permafrost research tunnel, hear from scientists, and listen to Native communities. Discover the deeper connections between thawing permafrost and global climate change and ways we can work together to protect our climate.

The exhibit is designed for families and school groups, with a special emphasis on reaching 9- to 14-year olds.



Cost: \$45,000 for 3-month venue + shipping

Requirements: 2,000 ft.² gallery space
 Minimum doorway dimensions for carted exhibit:
 4'W x 8'H x 8'L
 Minimum floor space to store carts: 400 ft.²
 110 VAC 15 amp power
 3-5 days estimated for installation and take-down
 Minimum ceiling height: 9 ft.

Components: Permafrost tunnel replica, Ice Age fossils, hands-on interactives, full-body challenges, computer-based activities, graphic panels and text

Shipping: Shipped in one (1) 53-ft. trailer

Supplemental Materials: Instruction Manual
 Marketing Kit
 Educator's Guide

Availability: Contact OMSI's Traveling Exhibits Service at:
 503-797-4628 | travelingexhibits@omsi.edu

EXHIBITION AREAS



Under the Arctic Entrance

Explore the global scale of permafrost on an interactive *Arctic Globe* and find examples of how thawing permafrost impacts people all over the world. Take a video tour of the Alaskan tunnel led by a researcher who studies permafrost engineering.

Permafrost Research Tunnel

Travel underground through Alaska's unique permafrost tunnel and find surprising clues in the ice to our past, present, and future. Experience the sights and smells of the Western Hemisphere's only permafrost research tunnel in this immersive replica.

Interactive Field Lab

Join the field lab research team! Examine fossils that remained frozen in permafrost since the Ice Age, count ice bubbles in frozen lakes to estimate thawing, and compare core samples to find the best site for our new outhouse.

Living on Permafrost

Watch and listen to *Stories of Change* from Alaska Native communities responding to the warming Arctic with wisdom and resilience. Experience the pitfalls of building roads and houses on thawing permafrost. Play a full-body whack-a-mole game to keep carbon in the ground. Learn how you and your community can take action on climate change!

An Interactive Exhibit Designed and Produced by:
 Oregon Museum of Science and Industry
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