# Permafrost Coastal Systems Network (PerCS-Net)

The Permafrost Coastal Systems Network will accelerate the process of scientific discovery, facilitate public access to scientific data, and promote convergence through an international, transdisciplinary network focused on science, engineering, and societal issues associated with permafrost-affected coasts and communities in the Arctic.

Spring 2021

New PerCS-Net Logo and Revamped Webpage

We are happy to share our newly created PerCS-Net Logo as well as a fresh new webpage look, both courtesy of our new team member at UAF - Jana Peirce!
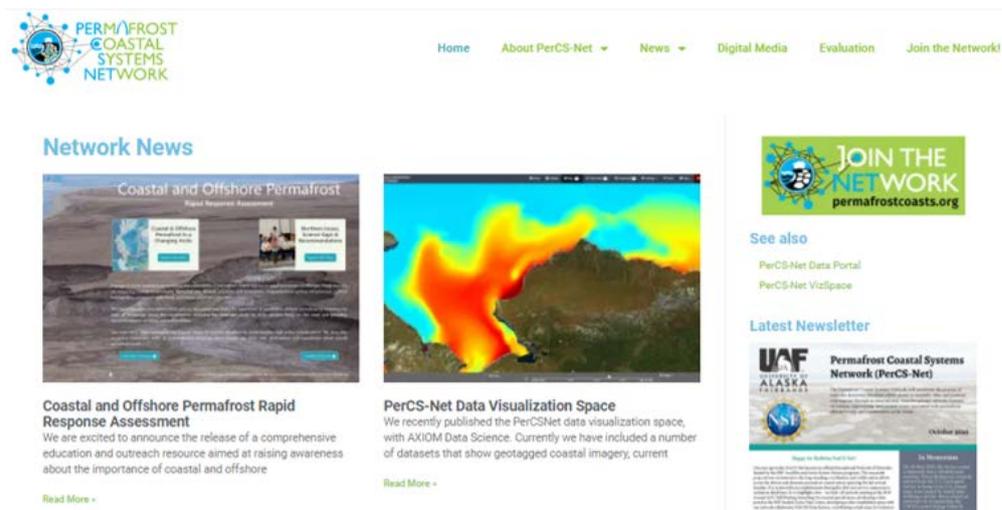
Successful Virtual Session at the 2021 Arctic Science Summit Week

Leneisja Jungsberg (Nordregio), Hugues Lantuit (AWI), and Benjamin Jones (UAF) convened two sessions on Changing Arctic Coasts during ASSW 2021 which was held online in March. The sessions featured twelve oral presentation time slots and twelve e-poster presentation time slots. The presentations focused on a number of disciplinary and interdisciplinary topics dealing with arctic coastal erosion observations and modeling, sea level rise and sea ice loss affects on arctic coasts, carbon cycling in nearshore arctic marine environments, and the challenges being faced by northern coastal community to an increasingly dynamic arctic coastal system. Many thanks to the ASSW organizing chairs and PerCS-Net Members, João Canário and Gonçalo Vieira for organzing such a successful virtual conference.

New Special Issue!

Call for papers focused on "Multi-Scale Analysis for Detecting the Processes, Causes, and Impacts of Permafrost Change and of Disruptive Events" in the journal Remote Sensing. Permafrost landscapes are extensive in area and potentially dynamic in behaviour, producing a complex mix of landforms, materials and process interactions that are subjected to increasingly intense forcing by rising temperatures, changing weather patterns and declining ice seasons.This Special Issue welcomes all contributions that consider the nature and rate of changes occurring in permafrost landscapes, the disruption of cryospheric, terrestrial, coastal or oceanic process dynamics or the resultant impacts utilising remotely sensed data at a range of spatial and temporal scales.

Guest Editors:

1) Dr. Michael Lim
University of Northumbria, UK

2) Dr. Gonçalo Vieira
University of Lisbon, Portugal

3) Dr. Dustin Whalen
Geological Survey of Canada, Canada

Submission deadline: 30 November 2021

Currently, PerCS-Net includes 174 members from 21 countries, with nearly half of the network consisting of early career researchers! Please help us continue to bring together the international coastal permafrost community by providing material for future quarterly newsletters and by spreading the word through your own networks.