

**The North Slope Science Initiative –
Advancing the Knowledge of Hydrology and Climate Change**
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The North Slope is a region found in the far north of Alaska, bordered by the foothills of the Brooks Range to the south and the Arctic Ocean to the north. The region encompasses 89,000 square miles, comprised of diverse and unique ecosystems. This area, however, is most well known for its oil fields, which are among the largest in the United States. The North Slope of Alaska is thought to have the greatest remaining oil potential of any onshore area in the United States. Because of this and the unique characteristics of the North Slope, the area is the focus of an multi-agency effort to examine its geology, petroleum potential, hydrology, climate, fish & wildlife and people. The North Slope Science Initiative (NSSI) is an inter-agency effort to increase collaboration at the local, state, and federal levels to address the research, inventory, and monitoring needs as they relate to development activities on the North Slope. The purpose of this portal is to serve as a consolidated and centralized source of reference information for all stakeholders, including land and resource managers, scientists, and the general public. Additionally, this portal is designed to facilitate digital collaboration and information sharing. Individuals and agencies have the ability to securely post data and documents related to the North Slope, thereby enhancing communication and improving research and management efforts.

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