Erosion Monitoring Site
Utqiagvik, Alaska

LAST UPDATED 2020

Projection: NAD 1983 UTM Zone 3N

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

The State of Alaska makes no expressed or implied warranties (including warranties for merchantability and fitness) with respect to the character, functions, or capabilities of the electronic data or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential, or other damages suffered by the user or any other person or entity whether from the use of the electronic services or products or any failure thereof or otherwise. In no event will the State of Alaska's liability to the Requestor or anyone else exceed the fee paid for the electronic service or product.

website: dggs.alaska.gov

DGGS conducts baseline assessments of flooding and erosion in collaboration with Alaska communities. Coastal monitoring at Utqiagvik is done through re-measurement of coastal elevation profiles along the beach and storm berm fronting the community

From 2015 to 2017, funding for the equipment, monitor recruitment, training, data management, and supervision of the transect surveys was by ARIES and the NSB OEM. From 2018 to 2020, Alaska Sea Grant funded continuation of these tasks, improved survey equipment, and forecasting software with a collaboration among ARIES, NSB OEM, UAA Engineering and Geomatics Departments and DGGS. Acknowledgements include Orson Smith (UAA retired) for training methods of the AKCCO and the community monitors who have participated in the Coastal Observers of Barrow Community Based Monitors. Open access data, including the photographs and videos, should include acknowledgement of the NSB OEM, which permits the research, and ARIES, which supervises data collection. DGGS accessed these data from the North Slope Borough via a public records and data request submitted November 1, 2017.