



ACGL-ACC

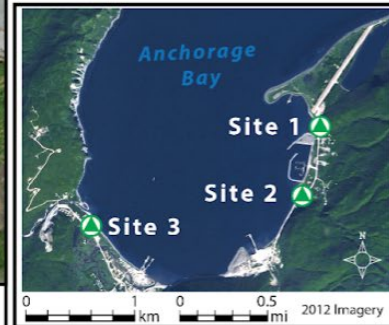
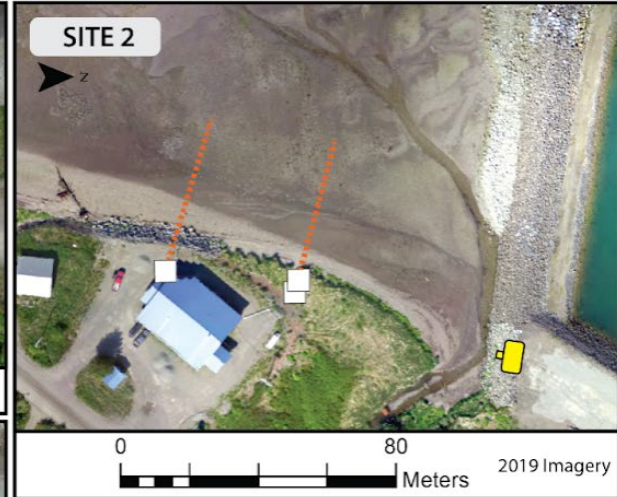
Ongoing and Future Work

Matthew Balazs







ONGOING WORK

CHIGNIK BAY, ALASKA - EROSION MONITORING SITES

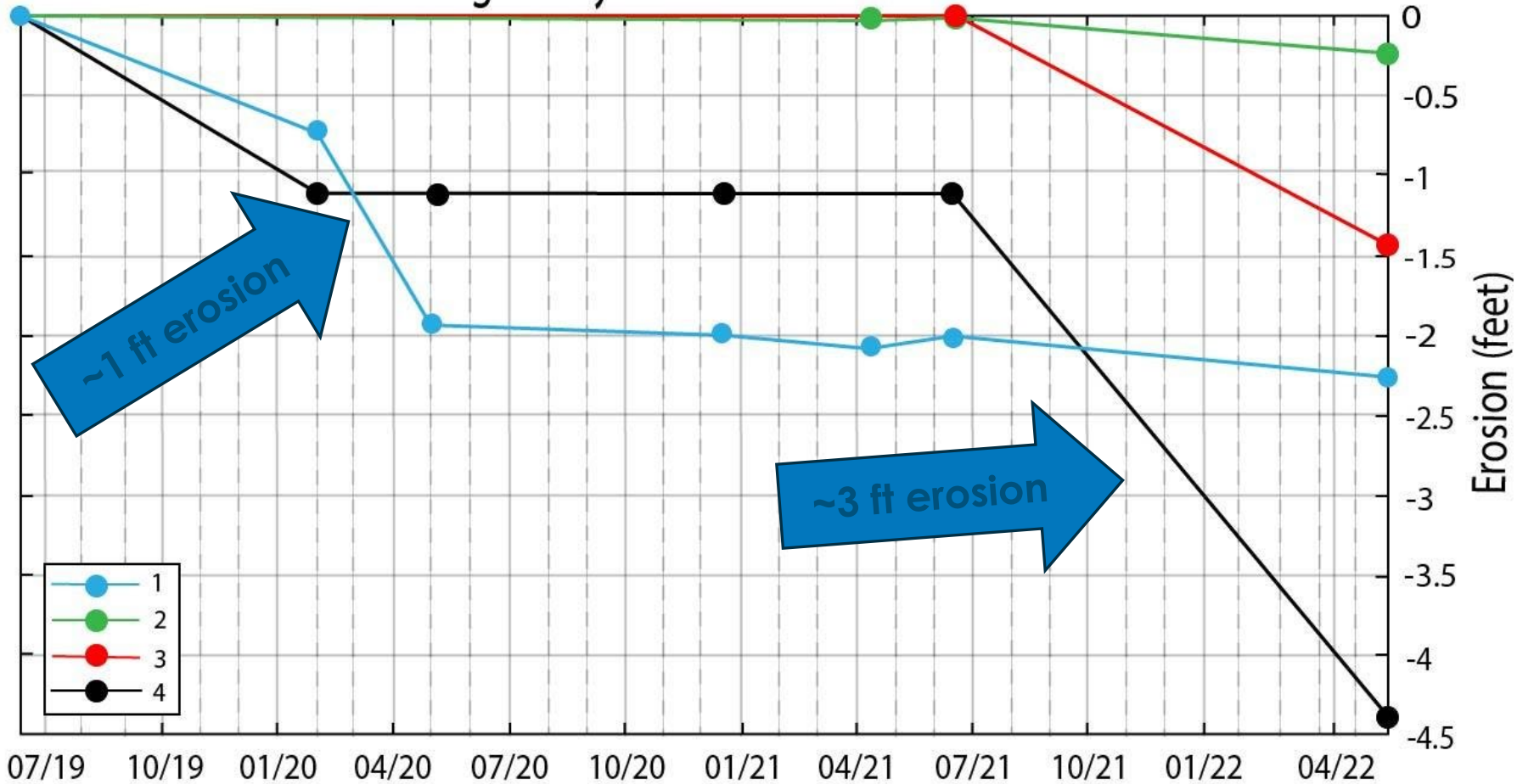


Credits: Aerial Imagery provided by Alaska SDMI Statewide Ortho-Imagery Collection and ACGL

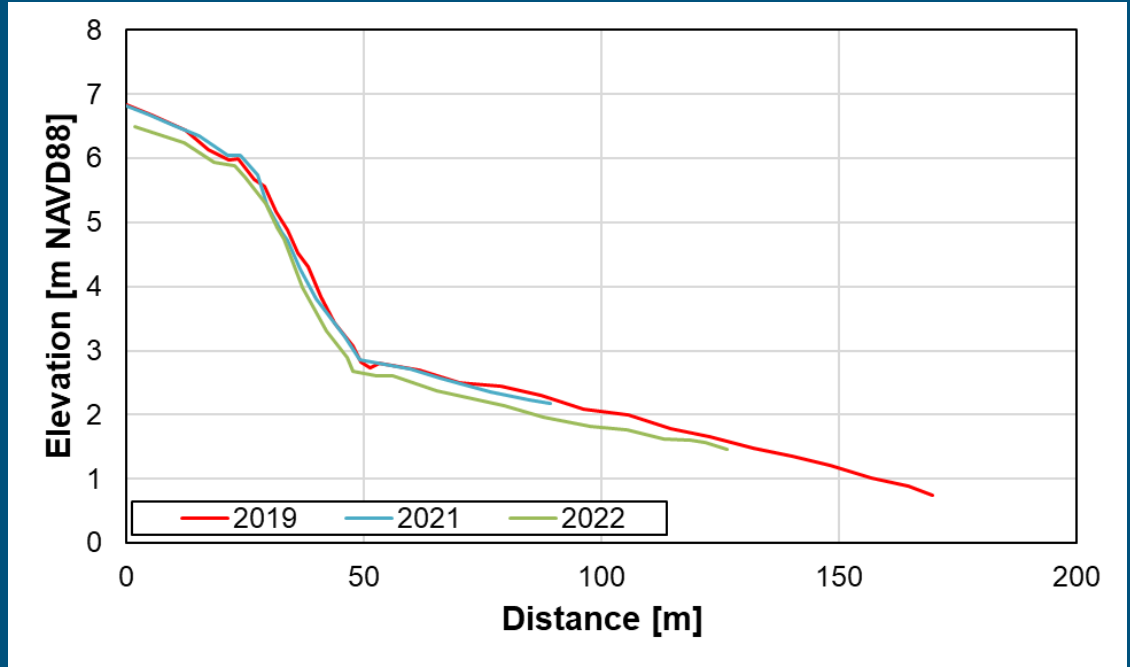
Legend

-  Camera
-  Stake
-  Coastal Profile
-  Site Location

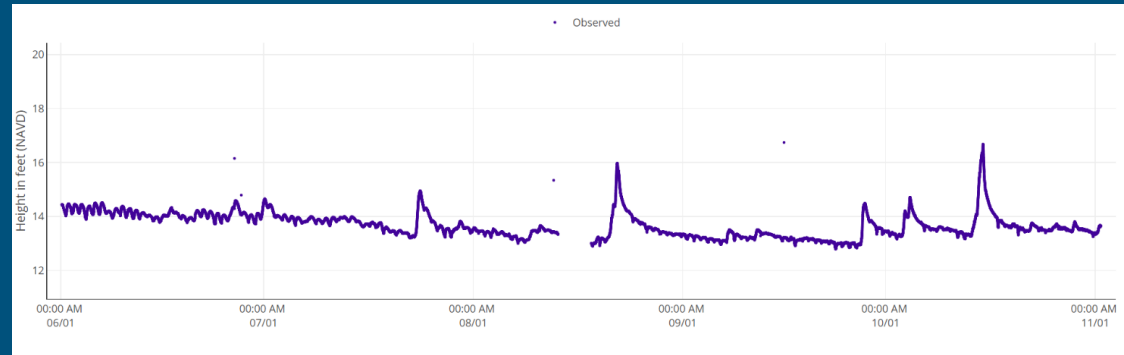
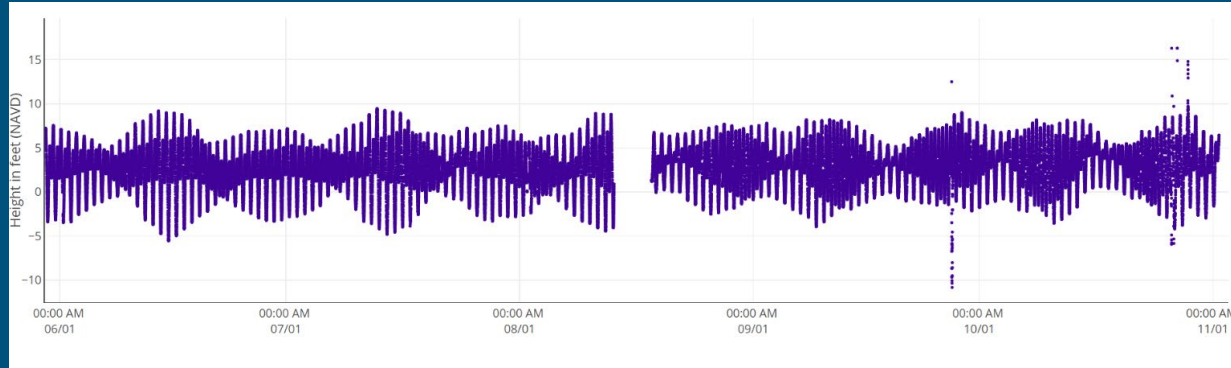
Chignik Bay Erosion Monitor - Site 1



GPS Surveys



WATER LEVEL SENSORS



SURVEYING



UPDATED IMAGERY



DEMs



THE WORK GOES ON



STUDENTS

Mike Willis

Jessie Christian

Reyce Bogardus

Rich Buzard

Roberta Glenn

Harper Baldwin

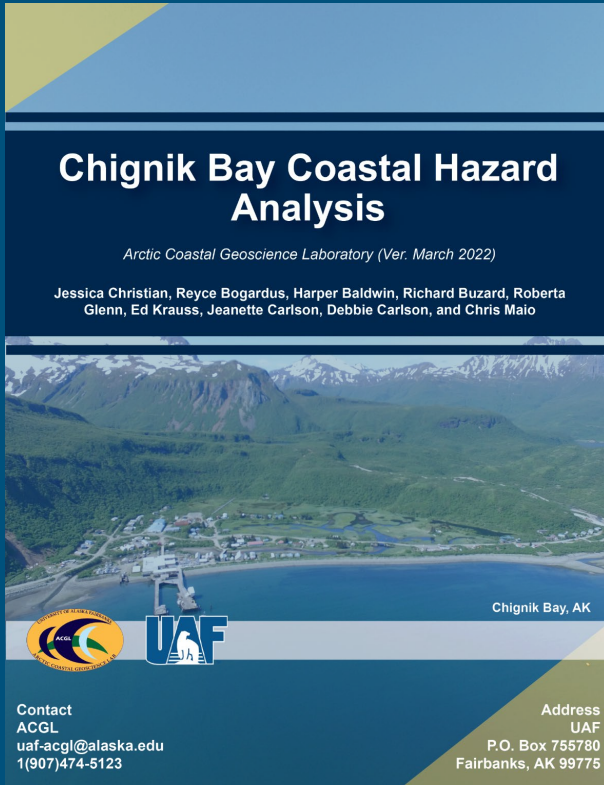
Autumn Fournier

Oliver Nessel

Cheryl Kriska



HAZARD ANALYSIS REPORT



COMMUNITY-BASED MONITORING: SHORELINE CHANGE IN SOUTHWEST ALASKA

By

Jessica Ellen Christian, B.S. Marine Science

A Thesis Submitted in Partial Fulfillment of the Requirements
for the Degree of

Master of Science

in

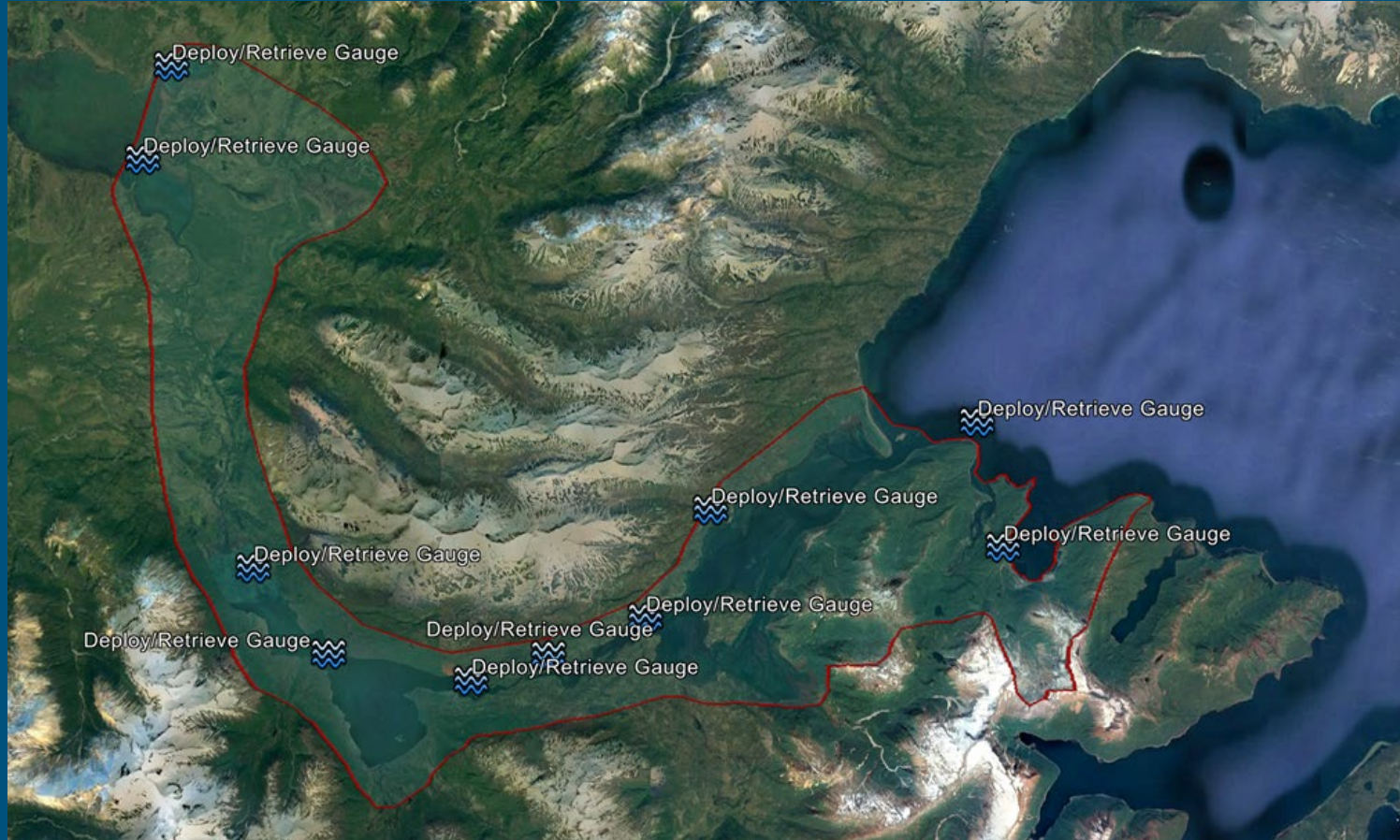
Geoscience

University of Alaska Fairbanks

What's Next



WHAT'S NEXT



WHAT'S NEXT?

Indian Creek



Landslides



FLOOD HISTORY REPORT

Date	Cause	Impacts
2022 - DEC	Heavy rain, storm surge	
2018	Not specified	12 inches standing water in City Office building
2002-OCT	Heavy rain, storm surge	Damage to docks, piers, bridge, and homes
1986-DEC	Not specified	Flooding of road and structures
1948	Storm surge	Flooded the chapel

Invitation to Breakout Session

Determining Historic Flood Extents and Impacts

What is the highest known flood?

Where did water reach?

What impacts did this have?

Where does annual flooding typically reach?

