

2021 Alaska Coastal and Ocean Mapping Summit

December 1st and 2nd, 9am – 3pm Alaska Time

AGENDA DAY 1

9:00 – 10:00	Welcome and Keynote Addresses
	Alaska Coastal Hazards Program Manager, Jaci Overbeck Senator Lisa Murkowski
	Alaska Mapping Executive Committee Keynote
	NOAA, Juliana Blackwell
	The Alaska Coastal Mapping Strategy Implementation Plan
	NOAA-IOCM, Ashley Chappell
	Alaska Geospatial Council Update
	Geospatial Information Officer, Dr. Leslie Jones
	<i>5-minute break</i>
10:00 – 11:30	Agency Mapping Updates
	Intro to the Data Acquisition Dashboard - Hillary Palmer, Dewberry
	State of Alaska Mapping Updates - Jaci Overbeck, Alaska DGGS
	VDATUM Update - Stephen White, NOAA RSD
	NOAA Remote Sensing Division – Stephen White, NOAA RSD
	National Park Service – Tahzay Jones
	U.S. Geological Survey – Brian Wright & Ann Gibbs
	JALBTCX – Chris Macon
	US Fish and Wildlife Service – Sydney Thielke/Lew Coggins
	Session Q&A
11:30 – 12:00	<i>30-minute break for lunch</i>
12:00 – 1:30	Technology Lightning Talks
	Orthoimagery & Lidar – Adam McCullough, Quantum Spatial/NV5
	Satellite Imagery – Paulina Zubatov, Planet
	Satellite Derived Bathymetry - Dave Flanagan, TCarta
	Satellite Derived Bathymetry – Edward Albada, EOMap
	Satellite Derived Bathymetry – Lauren Decker & Leslie Canavara, Polarctic
	Topobathy Lidar - Jennifer Wozencraft, JALBTCX
	Topobathy Lidar & Water Clarity – Stephen White, NOAA RSD
	Session Q&A
	<i>5-minute break</i>
1:30 – 3:00	The Path Forward
	Modern Airborne Photogrammetry from a Manned Aircraft and its Applications in Alaskan Coastal Science – Matt Nolan, Fairbanks Fodar
	Alaska Coastal Mapping Pilot Project Recommendations - Dave Maune, Dewberry
	Tidal Datums and Positional Control – Nathan Wardwell, JOA Surveys
	NOAA Foundation CORS Program – Will Freeman, NOAA
3:00	<i>End Day 1</i>

AGENDA DAY 2

9:00 – 9:30	Welcome and Keynote Addresses
	Senator Dan Sullivan
	National Strategy for Ocean Mapping, Exploring, and Characterizing the United States Exclusive Economic Zone
	NOMECE Council Co-Chair, Ashley Chappell
	Introducing Seascope Alaska, a regional mapping campaign in support of NOMECE
	NOAA IOCM, Meredith Westington
9:30 - 10:35	<i>Panel Session 1: Why is mapping important?</i>
	Community Perspective - Veronica Padula, Aleut Community of St. Paul
	Navigator's Perspective: Prioritizing Mapping Surveys Where Vessels Operate - Ed Page, Alaska Marine Exchange (<i>retired</i>)
	Hydrographic Health and Charting - Christy Fandel, NOAA Office of Coast Survey
	Ocean Mapping: Importance to Fisheries Science - Bob McConnaughey, NOAA Alaska Fisheries Science Center
	Brief overview of potential critical mineral resources near Alaska - Paul Knorr, BOEM
	Examples of using multibeam bathymetry to study earthquake, landslide, and tsunami hazards in Alaska - Peter Haeussler, USGS
	Submarine Volcanism and Methane Seepage - Jeff Beeson, NOAA Pacific Marine Environmental Lab
	Topobathymetric Requirements for Marine Energy - Jeremy Kasper, Alaska Center for Energy & Power
	Panel Q&A
10:35 - 10:45	<i>10-minute break</i>
10:45 - 12:00	<i>Panel Session 2: How could we fill the data gaps? Technology perspectives</i>
	Seasats Capabilities - Mike Flanigan
	Coastal and Ocean Mapping: The value of innovation and collaboration - Rada Khadjinova, Fugro
	eTrac Capabilities and Autonomy - Dave Neff
	USVs – a safe, reliable and low carbon solution to fill the data gaps - Matt Holland, XOcean
	Saildrone Capabilities - Brian Connon
	Panel Q&A
12:00 – 12:30	<i>30-minute break for lunch</i>
12:30 - 1:45	<i>Panel Session 3: What are we doing? Operations and opportunities</i>
	Crowd-sourced Nearshore Bathymetry: the Hydroball - Jaci Overbeck, AK DGGG and Julien Desrochers, M2Ocean
	University of Alaska Vessel Ops R/V Sikuliaq and Nanuq - Doug Baird, UAF
	NOAA Navigation Manager Updates - LCDR Hadley Owen
	USCG: Alaska Mapping/Charting Support & White House OSTP Involvement - Chris Hill and Dave Seris
	NOAA Ocean Exploration Collaborations for FY 22/23 - Caitlin Adams
	NOAA Fisheries Capabilities, Activities, and Opportunities - Bob McConnaughey
	Crowdsourced Bathymetry - Georgianna Zelenak, NOAA NCEI
	Data Provider Engagement & Agreements - Christie Reiser, NOAA NCEI
	Non-hydrographic data and the NOS Hydro pipeline - Julia Wallace, NOAA Office of Coast Survey
	Skipper Science - Aaron Poe, Alaska Conservation Foundation and ABSI Partnership
	Panel Q&A
1:45 - 1:55	<i>10-minute break</i>
1:55 - 2:55	<i>Breakout Session: Collaboration Next Steps: who, where, when?</i>
	Split up into Google Meet Breakout Rooms for 30 min and Recap Discussion in GoToMeeting for 15 min
2:55 - 3:00	<i>Closing Remarks</i>

