

2022 Alaska Coastal and Ocean Mapping Summit

November 16th and 17th, 9am – 3pm Alaska Time

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| 9:00 – 10:00 | Day 1 - Welcome and Keynote Addresses |
| | Opening Remarks from Alaska Senator Dan Sullivan |
| | Orientation - Nadine Doiron, NOAA Digital Coast Fellow |
| | Alaska Summit Welcome - Dr. Rob Thieler, USGS |
| | Alaska Geospatial Council Update - Dr. Leslie Jones, State of Alaska |
| | Florida Coastal Mapping Program Keynote - Cheryl Hapke, Nicole Raineault |
| 10:00 – 11:20 | Coastal Subcommittee Agency Mapping Updates |
| | NOAA OCM Update - Jaci Overbeck |
| | State of Alaska Mapping Updates - Autumn Poisson |
| | U.S. Geological Survey – Ann Gibbs |
| | JALBTCX - Jennifer Wozencraft |
| | US Fish and Wildlife Service – Sydney Thielke |
| | An Update on the NOAA Coastal Mapping Program - Stephen White, NOAA RSD |
| | NOAA SatBathy (beta) Update - Gretchen Imahori, NOAA RSD |
| 11:20 – 12:00 | 2022 Ex-Typhoon Merbok Recap Panel |
| | Introduction - Nic Kinsman, NOAA |
| | High Water Mark Data - Alex Nereson, USGS |
| | Imagery Services - Andrew Herbst, State of Alaska |
| | Data Access and Uses - Jaci Overbeck, NOAA |
| 12:00 – 12:30 | <i>30-minute break for lunch</i> |
| 12:30 - 1:40 | Technology Lightning Talks |
| | NOAA Coastal Mapping Project in Southeast Alaska as a Supporting Case for the Alaska Coastal Mapping Strategy – Colin Cooper, NV5 Geospatial |
| | Tidal Coordination for Data Acquisition - Nathan Wardwell, JOA Surveys, LLC. |
| | Coastal Geo-data: what’s new in means and methods of collection and thoughts on maximizing ROI - Rada Khadjinova, Fugro |
| | Satellite Derived Bathymetry - Natalie Treadwell, TCarta Marine |
| | Satellite Derived Bathymetry – Lauren Decker & Leslie Canavara, Polarctic |
| | 3D Nation Study Update - Sue Hoegberg, Dewberry |
| 1:40 - 3:00 | The Path Forward |
| | USGS Coastal National Elevation Database (CoNED) Update - Jeffrey J. Danielson, USGS |
| | Alaska Water Level Watch - Carol Janzen, AOOS |
| | Overview of Imagery & Elevation Acquisition Dashboard - Hillary Palmer, Dewberry |
| | Near Real-time Data Processing for Topobathy Lidar - Karen Hart, Woolpert |
| | GRAV-D & CORS Updates - Nic Kinsman, Steve Bassett, Will Freeman |
| | Workforce Development Through Community-Based Mapping - Reyce Bogardus, UAF |
| | Prioritization Survey Results & Mapping Partner Finder - Hillary Palmer, Dewberry |
| | Mapping Plan of Action Dashboard - Hillary Palmer, Dewberry |
| | End of Day 1 |

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| 9:00 – 9:55 | Welcome and Keynote Addresses |
| | Orientation - Meredith Westington, NOAA |
| | Opening Remarks from Alaska Congresswoman Mary Peltola |
| | Welcome - RDML Benjamin K. Evans, Office of Coast Survey Director, NOME Council Co-Chair |
| | Keynote on Arctic & Ocean Protection Plan - Chris Marshall, Canadian Hydrographic Svc |
| 9:55 - 11:05 | <i>Panel Session 1: Seascape Alaska Mapping Updates</i> |
| | Welcome, Logistics, Introduction to Menti Polls - Nyla Husain, NOAA Knauss Fellow |
| | Recap of Seascape Alaska, a regional mapping campaign - Meredith Westington, NOAA Office of Coast Survey (OCS), Integrated Ocean and Coastal Mapping (IOCM) |
| | Office of Coast Survey Updates – LCDR Hadley Owen, NOAA OCS |
| | Nunivak Project Updates – Andy Orthmann, TerraSond |
| | Seafloor Geodesy and Mapping in Alaska – Dr. Peter Haeussler, USGS |
| | Aleutians Uncrewed Ocean Exploration – Colleen Peters, Sairdrome |
| | NOAA Ship <i>Okeanos Explorer</i> FY23 Cruise Plans – Sam Candio, NOAA Ocean Exploration |
| | Aleutian Trench Biodiversity Studies (AleutBio) – Dr. Angelika Brandt, Goethe University; Dr. Anne-Cathrin Wölfel, GEOMAR |
| 11:05 - 12:00 | <i>Panel Session 2: Mapping Vessels of Opportunity</i> |
| | Support Vessels of Alaska – Scott Hameister, Support Vessels of Alaska |
| | US Coast Guard Crowdsourced Bathymetry Efforts – Candace Nachman, USCG |
| | Marine Scientific Research - Data from Foreign-Flagged Vessels – Jennifer Jencks, NOAA NCEI; Allison Reed & Liz Buendia, OES/OPA, State Department |
| | Crowdsourced Bathymetry Progress – Georgie Zelenak, NOAA NCEI |
| | A System Solution for Volunteer Bathymetry Collection – Dr. Brian Calder, CCOM/NOAA-UNH JHC |
| | Crowdsourced Bathymetry in the Great Lakes – Linden Brinks, Great Lakes Observing System |
| 12:00-12:30 | <i>30-minute break for lunch</i> |
| 12:30 - 1:45 | <i>Panel Session 3: Data, Products, and Processing</i> |
| | Seascape Alaska Data Management Technical Team Update - Christie Reiser & Dr. Bob McConnaughey |
| | Crowdsourced Bathymetry Processing - Anthony Klemm, NOAA OCS |
| | GMRT Processing and Grid Products – Dr. Vicki Ferrini, Lamont-Doherty Earth Observatory, Columbia University |
| | NCEI Bathymetry Viewer and Grid Extract tool - Jessica Nation, CIRES/NOAA NCEI |
| | Data Processing Capacity and Expertise Gaps in Alaska – Dr. Erin Trochim, University of Alaska Fairbanks |
| | Habitat Mapping With Waterborne Technology – Liza Hasan, National Park Service, University of Alaska Fairbanks |
| | DEMs for Tsunami Modeling – Dr. Dmitry Nicolsky, University of Alaska Fairbanks |
| 1:55 - 2:55 | <i>Panel Session 4: Collaboration and Planning</i> |
| | Satellite-Derived Bathymetry to Improve Hydrographic Survey Planning – Starla Robinson, NOAA OCS |
| | Efficiency in Realtime GIS Project Management Tools – Dave Neff, eTrac/Woolpert |
| | Developing Partnerships: How IWG-OCM Spatial Priorities Can Inform Mapping Collaboration – Cathleen Yung, NOAA OCS, IOCM |
| | Mapping Partnership Mechanisms – Ashley Chappell, NOAA OCS, IOCM |
| | IWG-OEC Strategic Priorities for Ocean Exploration and Characterization - Caitlin Adams, NOAA Ocean Exploration |
| | Overview of Alaska’s Coastal & Ocean Mapping Initiatives and Forums - Hillary Palmer, Dewberry |
| 2:55 - 3:00 | Closing Remarks |