



Alaska Ocean Observing System
1007 W. Third Avenue, Suite 100
Anchorage, AK 99501
907.644.6703 – phone
907.644.6780 – fax
www.aos.org

POSITION DESCRIPTION Alaska Coastal Mapping Strategist

Alaska Ocean Observing System (AOOS)

AOOS is a regional network representing a consortium of federal, state and local agencies, research organizations, and private industry committed to tracking, predicting, and adapting to changes in Alaska's coastal and ocean environment. AOOS is part of the national Integrated Ocean Observing System (IOOS) and the Global Ocean Observing System (GOOS) and a member of the IOOS Association. For more information, see www.aos.org, www.ioosassociation.org, and www.ioos.noaa.gov.

Program Coordinator

This position is based in Anchorage and works directly with the Alaska Geospatial Council (AGC: see <http://agc.dnr.alaska.gov/>), the federal Interagency Working Group on Ocean and Coastal Mapping (see <https://iocm.noaa.gov/iwg/>), AOOS, and additional partners to develop a comprehensive plan for coastal mapping in Alaska. This is a one-year, half time position and alternative part-time schedules may be considered for well-qualified candidates.

The Alaska Coastal Mapping Strategist provides guidance, coordination, and leadership in the development of a cohesive statewide strategy for prioritizing baseline geospatial data collection in the Alaska coastal and nearshore (broadly defined as <30 m MLLW depth to areas on land that may be subject to flooding within 1 km of tidally influenced water). This position works with established mapping committees, agency liaisons, Native Corporations, NGOs, the private sector, and academia to organize the diverse coastal mapping needs in Alaska by location, quality-level, partner, capacity, feasibility, and refresh-rate, with the overall objective of developing a long-term strategy for prioritizing coastal mapping activities. These mapping activities will include, but are not limited to, bathymetric hydrography; shoreline delineation; nadir and oblique imagery or video; topography sourced from ifsar, lidar, or photogrammetry; and/or vegetation, habitat, hazard, or geomorphic classification. This position will create a roadmap of options to meet geospatial product requirements for the longest shoreline in the United States. This position focuses on long-term vision and planning for achieving coastal mapping objectives in Alaska, and will have a limited role in active project coordination.

Responsibilities and Goals

- Inventory willing partners in Integrated Ocean and Coastal Mapping in Alaska, with a focus on the coastal priorities in the geospatial data themes housed under the Alaska Geospatial Council (AGC), the Alaska Mapping Executive Committee (AMEC), ShoreZone, and other existing partnerships.
- Assist in facilitating and creating outcome documents from the Second Alaska Coastal Mapping Summit (ACMS) scheduled for February 9, 2018.

- Attend and serve as an active participant in 2018 meetings of the AGC Technical Advisory Group, Imagery Technical Working Group, Elevation Technical Working Group, AK Hydro Technical Working Group, ShoreZone, Alaska Mapping Executive Council Advisory Board, and additional technical working group meetings as relevant to coastal issues.
- Develop an implementation plan with a discrete set of feasible actions for presentation and discussion at AGC meetings, and at the August 2018 federal Alaska Mapping Executive Committee meeting.
- Identify existing coastal datasets and compile metadata records.
- Assess coastal geospatial data collection programs that already exist for opportunities to adapt to meet broader user needs with available resources.

Required Experience and Qualifications

- Bachelor's degree in remote sensing, GIS, marine science, or a related field.
- Minimum one year relevant applied experience in an Alaska setting through activities such as project coordination, contracting, and/or direct data collection in the coastal or nearshore zone.
- Demonstrated excellence with written communication and presentation skills, including ease in communicating complex concepts in a clear, effective manner for a general audience.
- Proficiency in word processing, presentation, and GIS software, email competency and the ability to use computer remote meeting technologies.

Preferred Experience and Qualifications

- Recognized ability to meet multiple deadlines by maintaining a high level of organization and professionalism.
- Demonstrated ability to identify and describe geospatial data requirements, collection sensor alternatives, and data specifications.
- Strong interpersonal skills, including the ability to facilitate groups and problem-solve towards a common goal with input from many diverse stakeholders.

Compensation

We offer a competitive salary package through the Alaska SeaLife Center, the AOOS fiscal sponsor.

Travel

There may be some travel in Alaska associated with this position (2 weeks/year).

To apply

Please submit letter of interest, resume, and 3 references to Amy Komarek, Senior Human Resources Manager at amyk@alaskasealife.org by 8 am Alaska time, November 27, 2017. If selected for an interview, you will be asked to submit writing samples.

AOOS is an Equal Opportunity/Affirmative Action Employer