2018 IWG-OCM Alaska Coastal Mapping Summit

2018 Alaska Coastal Mapping Summit Breakout Session Questions

- Participants are encouraged to review the topics below prior to the Summit.
- Each breakout group will be assigned a dedicated lead that is responsible for documenting the ideas, perspectives, and discussion of the group.
- The provided questions are just intended to seed dialog, so please do not feel compelled to answer every question; pick a few that capture the interest and expertise of your particular breakout group or pose new questions of your own.

ShoreZone Photo: North of Cape Sabine, Chukchi Sea, North Slope.

Discussion Session I: "Stories that Speak"

The value of coastal geospatial data in Alaska

1. When it comes to coastal mapping in Alaska, where have we been successful and where have we run into barriers? How can we put numbers to these successes and failures?
2. What are examples of how coastal geospatial data (bathymetry, topography, imagery, or other derivative map products) have been or are being used in Alaska?
3. What end products or projects have been created or enhanced as a result of these data? (example: engineered structures, vulnerability mapping, etc.)?
4. Where does a lack of existing geospatial data cost money or cause harm to residents, government, industry, or other users?
5. Are there known examples of projects with timelines that have been significantly slowed for lack of coastal geospatial data?
6. Are there any metrics that could be used to better quantify the benefits of baseline geospatial data in Alaska's coastal areas? (one example could be the cost per day of a grounded barge)
7. What types of strategies might we employ to best communicate the value, opportunities, and/or some of the barriers associated with coastal mapping in Alaska to a national audience?

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Session II: Technologies & Specifications

Opportunities by technology category, test beds, and technology-neutral data specifications

1. What data or data quality specifications are most important to you and why? What specifications could be relaxed and still meet the data requirements of your industry/agency? How much does this vary by location (provide examples)?
2. What types of locations are the top priority for geospatial data with high resolution, absolute an/or relative positional accuracies? Are these priorities the same for topobathy data as they are for imagery? Include specific examples.
3. How important is it to have tide coordinated data?
4. What are desired refresh rates for various types of coastal geospatial data?
5. What environments or coastal conditions are unique to Alaska and what locations would be good candidates for testing new/emerging technologies?
6. Can we, as a group, make a list of representative test locations for Alaska environments?
7. What is needed to make crowd-sourced data more useable in the development of derivative products, and how can we ensure that crowd-sourced data are mutually beneficial?
8. Are there any specific national standards or specifications that pose a barrier to cost-effective geospatial data collection in the Alaska region?

Session III: Coordination & Collaboration

Strategies for working together

1. What are some success stories of past geospatial data collaborations in Alaska? What worked well and what did not?
2. What role should coastal mapping priorities play in guiding Alaska Geospatial Council and Alaska Mapping Executive Committee priorities over the next decade?
3. How can we better connect entities with overlapping/adjacent project locations or objectives?
4. How can we encourage/enable private industry to collect data of opportunity?
5. How can we encourage coordination with non-mapping projects that may be able to contribute value-added support such as ground control or tidal observations?
6. How can we work more effectively with university research/projects to foster products and deliverables that are of direct use to stakeholders or can be incorporated into non-research projects?
7. In what ways can Alaska leverage coastal mapping efforts (past or present) in other geographies (e.g. California Seafloor Mapping Program or Florida Coastal Mapping)?
8. What do you see as important next steps for the development of an Alaska coastal mapping roadmap? What types of content need to be included in a strategy document to outline next steps for transitioning today's dialog into action?