

ADAC Customers and Partner's Roundtable 30 September 2020

Overview

The Arctic Domain Awareness Center (ADAC) is a U.S. Department of Homeland Security, Science and Technology (S&T) Directorate's University Programs, (UP) Center of Excellence in Maritime Research hosted by the University of Alaska. In accordance with ADAC's "Year 6 Work Plan" ADAC conducts quarterly Customer and Partner's Roundtables. These events are conducted in order to facilitate interaction with the following entities:

- U.S. Coast Guard Project Champions,
- U.S. Coast Guard Stakeholders and advocates,
- Other DHS maritime mission communities,
- U.S. Federal and Canadian government officials,
- State of Alaska and local officials,
- Academic/research and industry professionals from across the U.S. and Canada.

The Center will host its First Program Year 7, Customer and Partner's Roundtable via webinar on Wednesday, 30 September 2020, with Center update, Project Reviews and associated Customer and Partner Feedback Discussions from 1:00-5:00 PM Eastern Daylight Time (9:00 AM-1:00 PM Alaska Daylight Time).

At the onset of the meeting, ADAC Leadership will initiate a brief overview of Center efforts, followed by current project briefs. Except as noted in the schedule, ADAC is planning project updates (with Q&A included) at 15 minutes each.

In order to allow a chance for project-by-project feedback, each Project lead/or designated representative, will provide a summary update of 7-10 minutes and reserve the remaining time to respond to questions or feedback from webinar participants.

Due to the number of projects to review, there will not be the normal planned 5-minute break between projects in order to give people a chance to dial-in/dial out. Since this event runs project to project, there are two ten-minute breaks scheduled

ADAC provides the following Conference Call information:

Conferencing/Meeting Information

To be provided

The goal is to use a webinar approach to allow presentations by researchers/e-chat and most importantly, avoid lengthy role-calls.

Agenda:

The 30 Sep *1st quarter Customers and Partners Roundtable* Current Planned Agenda is as follows:

9:00-9:20 AM Alaska Daylight Time (AKDT)

1:00-1:20 PM Eastern Daylight Time (EDT):

Comprehensive Center update by ADAC leadership to include.

- Current project research and center overview
- Transition activities of completed research
- Upcoming ADAC Workshops, and other significant activities.

9:20-9:35 AM Alaska Daylight Time (AKDT)

1:20-1:35 PM Eastern Daylight Time (EDT):

Mitigating the Damage to Arctic Copepods from Surface Oil Spills: When to Apply Dispersants.

Dr Christoph Aeppli/Dr David Fields, Bigelow Ocean Laboratories.

9:35-9:50 AM AKDT

1:35-1:50 PM EDT:

Oil Spill Modeling for Improved Response to Arctic Maritime Spills: The Path Forward.

Dr. Nancy Kinner/designated representative, University of New Hampshire Coastal Response Research Center (CRRC), Center for Spills in the Environment (CSE).

9:50-10:05 AM AKDT

1:50-2:05 PM EDT:

Propeller Driven Long Range Autonomous Underwater Vehicle (LRAUV)

Dr. James Bellingham/Amy Kukulya, Woods Hole Oceanographic Institution.

10:05-10:20 AM AKDT

2:05-2:20 PM EDT:

Remote Unmanned Aircraft System (UAS) Inspection and Response Team Development in the Bering Strait Region

Jessica Garron /designated representative, University of Alaska Fairbanks.

10:20-10:35 AM AKDT

2:20-2:35 PM EDT:

Photo-enhanced toxicity of dispersed and burned crude oil to Arctic mussels.

Dr Pat Tomco/Dr Colin McGill, or designated representative. UAA.

10:35-10:50 AM AKDT

2:35-2:50 PM EDT:

Marine Induced Polarization Methods for the Detection and Mapping of Oil in an Arctic Marine Oil Spill, including investigation of Oil within and under broken ice fields. Dr. Scott Socolofsky, Texas A&M, Kari Walker/Kevin Hand/Art Wright, Induced Polarization Associates.

10:50-11:00 AM AKDT

2:50-3:00 PM EDT:

Break.

11:00-11:15 AM AKDT

3:00-3:15 PM EDT:

Ice Conditions Index for the Great Lakes Region (ICECON), and Arctic ICECON

Dr. Jifeng Peng, University of Alaska Anchorage (UAA).

11:15-11:30 PM AKDT

3:15-3:30 PM EDT:

Arctic Vessel Monitoring Geofencing/Alert Awareness.

Dr. Shawn Butler, UAA.

11:30-11:45 PM AKDT

3:30-3:45 PM EDT:

ADAC Education Program Update.

Ellee Matthews, ADAC Education and Administrative Manager

11:45-12:00 PM AKDT

3:45-4:00 PM EDT:

Open Q&A and close of roundtable, led by ADAC leadership team

Next C&P roundtable is planned for late Dec 2020, date to be announced.

Contact

For more information, contact ADAC Executive Development Director, Randy “Church” Kee at rakee@alaska.edu or (907) 786-0708 (Office) or 907 885-8324 (Cell).