



Coastal Marine Institute Annual Research Review

Wednesday, January 19, 2022

9 am – 2 pm (via Zoom)

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|-------|---|---|
| 9:00 | Jennifer Reynolds
<i>CMI Director</i> | Welcome |
| 9:10 | David Podgorski
<i>Co-PI: Pat Tomco</i> | Hydrocarbon oxidation products in Cook Inlet: formation and bioaccumulation in mussels |
| 9:30 | Jason Burkhead
<i>Co-PI: Pat Tomco</i> | Biological effects of Cook Inlet crude oil degradation products and suspect screening of oxidized PAHs |
| 9:40 | Kyle Dilliplaine
<i>PI: Gwenn Hennon</i> | Investigating the impacts of oil exposure and changing snow cover on sea ice microbial communities |
| 10:00 | Jessica Glass | Harnessing the power of eDNA as a real-time assessment tool of nearshore Arctic marine communities |
| 10:15 | Katrin Iken | Kelp restoration in the Boulder Patch |
| 10:30 | Brian Ulaski* | Potential impacts on the ecological role of seaweed wrack in the event of an oil spill |
| 10:45 | BREAK | |
| 10:55 | Donna Hauser | Evaluating novel assessment approaches for coastal ice seal haulout areas and behavior in the Alaskan Beaufort Sea |
| 11:15 | Elizabeth Hasan* | Subtidal habitat mapping in the Cook Inlet Lease Area for current and predictive sea otter habitat associations |
| 11:30 | Sonia Kumar* | The acoustics of Cook Inlet beluga whales and anthropogenic noise in lower Cook Inlet rivers |
| 11:45 | Lindsey Stadler* | Feeding ecology of nearshore fishes along a gradient of glacially influenced watersheds in Kachemak Bay, Cook Inlet |
| 12:00 | BREAK | |
| 12:10 | Seth Danielson | Arctic marine biodiversity and ecosystem structure data analysis and writing retreat |
| 12:25 | Andres Lopez | Delineating species and stock boundaries in the Arctic-Bering cisco species pair |
| 12:40 | Andy Seitz | Understanding spatial dynamics and movements of Pacific Halibut (<i>Hippoglossus stenolepis</i>) in the northern Bering Sea |
| 12:55 | Kristen Gorman | Are expanding Pink Salmon populations in the Arctic produced from regional watersheds? |
| 1:15 | Franz Mueter | Utilization of the under-ice habitat by Arctic Cod in the western Arctic Ocean |

* Student Project

Meeting Contact: Ruth Post, rmpost@alaska.edu