SMS Fall 2018 Seminar Series

https://umaine.edu/marine/home/sms-seminar-series/

October 19, 2018
11:00 a.m ~ 354 Aubert Hall

Ecological Change From Algae to Penguins in the Rapidly Changing West Antarctic Peninsula

Dr. Oscar Schofield

Distinguished Professor and Chair
SEBS – Marine & Coastal Sciences
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The West Antarctic Peninsula is one of the most rapidly changing places on Earth, with winter temperatures rising almost over 6 degrees over the last 50 years, >80% of the glaciers are in retreat, and the sea ice season shortening dramatically. These changes are impacting all trophic levels of the marine food web from the algae, at the base of the food web, to penguins at the top of the food web. We will explore how the changes in physical system are driving the changes in the biology. We will also explore how new technologies are opening up new opportunities to study ecosystem change.

Polycom availability with Darling Marine Center, Gulf of Maine Research Institute, and Bigelow Laboratories

Host: Emmanuel Boss