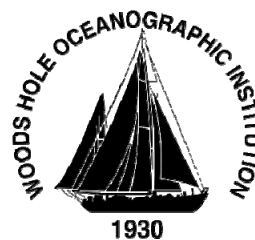

Woods Hole Oceanographic Institution
Biology Department Seminar



Thursday, September 25, 2014
Redfield Auditorium – 12:00 Noon

Overview of a Cruise to the Far Northern Arctic Ocean North of Svalbard

Dr. Peter Wiebe

**Scientist Emeritus, Biology Department,
WHOI**

The Strategic Initiative "Arctic Ocean Ecosystem" (SI_ARCTIC) funded by the Norwegian Research Council conducted its first cruise aboard the R/V Helmer Hanssen from 19 August to 7 September 2014. The cruise track went from Longyearbyen, Svalbard out across the Fram Strait and up into the waters under Norwegian jurisdiction in the Arctic Ocean beyond the shelf break north of Svalbard (~81N), and back to Longyearbyen. Multiple gear types were deployed to collect hydrographic data and to sample phytoplankton, zooplankton, fish, and benthos. There were marine mammal and bird observations as well. The project forms the basis for the initiation of the development of an ecosystem based management strategy for the Arctic and aims to design a long-term monitoring program of the waters under Norwegian jurisdiction in the Arctic Ocean. This talk will provide an overview of the activities taking place on the cruise and will highlight the opportunities we had to step foot on some of the remote Svalbard historical locations.