

Department of Ocean and Resources Engineering

Seminar

NOAA's Office of Ocean Exploration Programs and Remote and Autonomous Underwater Vehicles and Sensors

by

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Abstract

This presentation describes NOAA's Office of Ocean Exploration (OE) with a focus on the technology programs. Motivation for the program and guiding concepts will be presented. Technology areas of interest, including remote and autonomous underwater vehicles and new sensors will be described. Case studies of completed activities will describe:

1. a joint technology demonstration involving, NOAA, Navy and NASA tools and teams,
2. advances in AUV programs at NOAA supported by OE, and
3. highlights of OE grants for technology programs.

Additionally this talk will discuss future technologies required for advancing ocean exploration within NOAA and the United States.