

Recent and Past Projects (with other PIs from ODU/other institutions)

2013-2016 (NASA): Past, Present and Future Sea Level from Observations and Models (lead PI: Richard Ray; Ezer's role: collaborator)

2012- (ODU's Climate Change and Sea Level Rise Initiative): Analysis of sea level rise in the Chesapeake Bay and the mid-Atlantic region.

2011-2014 (Kenai Peninsula Borough, Alaska): Cook Inlet Beluga whale research: study of physical and biological factors that impact the beluga's population

2008-2013 (NOAA): Collaborative Research: Modeling sea ice-ocean ecosystem responses to climate changes in the Bering-Chukchi-Beaufort Seas with data assimilation Of RUSALCA measurements

2010-2011 (NOAA): Using inundation modeling and remote sensing data to study hydrodynamic and environmental impacts on the survival of Cook Inlet Beluga whales

2008-2012 (World Bank/ Coyne et Bellier/Tractebel Eng., France/UK): Red Sea - Dead Sea conveyance feasibility study

2009-2011 (MMS/Princeton U.): Mid-Atlantic ocean model calculations

2009-2010 (NSF): Collaborative Research: Planning Grant: Industry/University Cooperative Research Center for Wind Energy

2003-2009 (NSF/Princeton U.): Collaborative Research, Gravity Current Entrainment Climate Process Team

2009-2009 (ODU-Office of Research): Integrating remote sensing data and inundation ocean models to map coastal areas and improve flood predictions (SEECR award)

2007-2009 (NOAA): Numerical modeling of tides and inundation Processes in Cook Inlet (Alaska) in support of Beluga Population & Migration Studies

2007-2007 (TAMU): Antigua and Barbuda coastal and marine ecosystem management program

2000-2006 (ONR): A Community Terrain-Following Ocean Modeling System