

Monday, May 18, 2009

Please join us for our upcoming [OneNOAA science discussion seminars](#). This is a [joint effort](#) to help share science and management information and to promote constructive dialogue between scientists, educators, and resource managers across [NOAA](#).

A PDF version of this announcement is available:

http://www.nodc.noaa.gov/General/NODC-About/Outreach/docs/09/OneNOAASeminars_18May2009.pdf

i-access to our seminar announcements:

1. Join our seminar weekly announcements e-mail list [nominally, sent on Mondays]. To join our email list contact [Hernan Garcia](#) or a [seminar partner](#).
2. Online web public access: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/>
3. GoogleCalendar online public access: [GoogleCalendar](#)
4. Archive of previous OneNOAA science discussion seminars (by calendar year): [[2008](#)], [[2007](#)], [[2006](#)], [[2005](#)], [[2004](#)].
5. Note: All seminars subject to title, location, date, and time changes. When available, seminars include remote web and phone access.

OneNOAA Science Seminars This Week:

Title: **Multispecies Tradeoffs Near Marine Reserves**

Date/Location: Monday, 18 May 2009; 11:30 – 12:30 ETZ ([SSMC-4](#), Room #8150, [NOS](#) seminar)

Speaker(s): Julie B. Kellner (Dept. of Environmental Science and Policy, UC Davis)

E-mail(s): jbkellner@ucdavis.edu

Abstract:

No-take marine reserves are a rising trend in fisheries management and have been proposed as an alternative or complementary tool to conventional management which may help counteract multiple fishing impacts. Marine reserves typically lead to population abundances that are much more spatially heterogeneous relative to the patterns produced by conventional forms of fisheries regulations such as catch quotas, size limits, and gear regulations. High abundances inside marine reserves may sustain regional populations through spillover of larvae and adults, but this management-induced heterogeneity in fishing effort and population levels may also have unexpected consequences at the community level. Using a suite of ecological models, I will illustrate the types of multispecies tradeoffs that may arise due to marine reserve implementation. Three questions will be addressed: (1) Can marine reserves be effective tools in warding off invasion by exotics, (2) How will targeted fishing at reserve boundaries ("fishing the line") influence the distribution of fish populations inside and outside reserves, and (3) When do we expect to see trophic cascade effects inside reserves due to the recovery of higher trophic levels? This presentation will highlight the pressing need to transition from single-species analyses to examining community responses to fisheries management across broader biological and spatial scales, and consequently demonstrate the challenges involved in implementing ecosystem-based management.

Presentations are available remotely via a combination of phone & webcast. Please be aware that remote access is limited to 50 connections on a first-come-first served basis, so we cannot guarantee participation. **To participate remotely you must:** 1) Dial 866-541-1377, and then wait for instructions. When prompted enter passcode 142625 followed by the # sign. Please use your phone's mute button (or toggle *6) during the presentation until you are ready to ask questions. 2) Go to the webcast site at <http://www.mymeetings.com/nc/join.php?i=746752585&p=&t=c> 3) Enter meeting number 746752585 if needed. No passcode is required. 4) Enter other required fields. 5) Indicate that you have read the Privacy Policy and click Proceed. **For questions:** contact Felix Martinez (Felix.Martinez@noaa.gov).

Remote Access & Notes:

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_18may2009_Kellner

OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Thursday, March 19, 2009 10:31 AM

Title: **Experimental Forecast of Area Burned For Interior Alaska**

Date/Location: Tuesday, 19 May 2009; 10:00-11:00am Alaska Local Time ([RISA/ACCAP](#) seminar via teleconference)

Speaker(s): Paul Duffy (Neptune Inc.)

Abstract: 2004 and 2005 were the largest fires years on record in Alaska. Climate change is expected to bring warmer temperatures and therefore greater drying and and more frequent extreme fire years in the future. The Alaska Center for Climate Assessment and Policy is testing a new pilot website to forecast area burned for Interior Alaska, based on a gradient boosting model that takes advantage of strong linkages between teleconnection indices, weather, and fire in Alaska. Join us as we showcase this web-tool to learn more about how the forecasts are created and how you can stay up to date this summer on the fire forecast in Alaska.

Remote Access & Notes: **How to Participate / Log-In to the Alaska Climate Teleconference:** 1) With a regular telephone dial: 1-800-893-8850. 2) When prompted, enter the PIN code: 7531823 . PLEASE MUTE YOUR PHONE DURING THE PRESENTATION. The audio is very sensitive and your external conversations and typing can be heard by other participants. Thank You. **To view the presentation during a teleconference:** 1) Point your web browser to: <http://www.shareitnow.com>. 2) Click on the blue Join a Meeting button on the left side bar. 3) For Presenter ID enter: accap@uaf.edu . If you do not see anything on your screen, click on the refresh button on the top bar. For more information about the Alaska Climate Teleconferences and the Alaska Center for Climate Assessment and Policy, please contact Brook Gamble, Outreach and Education Specialist, (907) 474-7812, accap@uaf.edu or visit www.uaf.edu/accap.

Web link to this <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC->

seminar announcement [seminars09.html#OneNOAASeminar_19May2009_Duffy](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_19May2009_Duffy)
OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Tuesday, April 14, 2009 11:08 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: Measuring the Effects of Coastal Restoration on Coastal Uses

Date/Location: Tuesday 19 May 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library, NOAA [Fisheries/Office of Habitat Conservation](#) seminar)

Speaker(s): Drs. Linwood Pendleton (Senior Fellow, The Ocean Foundation and Director of the Coastal Ocean Values Center) and David K. Loomis (University of Massachusetts Amherst, Director of the Human Dimensions of Marine and Coastal Ecosystem Program)

Abstract: Many studies have used valuation techniques to predict the potential effect of coastal restoration on human uses, but few provide empirical evidence that restoration indeed affects the way people use and perceive the coast. We take two approaches to examining how coastal restoration affects uses and perception.

Remote Access & Notes: **For general questions about this seminar**, please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov).

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_19May2009_Pendleton

OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Wednesday, April 22, 2009 12:26 PM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: Impacts of High-Resolution Land and Ocean Surface Initialization on Local Model Predictions of Convection

Date/Location: Wednesday, 20 May 2009, 14:00-15:00 ETZ ([World Weather Building](#), Room 707, Camp Springs, MD; [JCSDA](#) seminar)

Speaker(s): Jonathan L. Case (ENSCO, Inc./Short-term Prediction Research and Transition ([SPoRT](#)) Center)

Abstract: One of the most challenging weather forecast problems in the Southeastern U.S. is daily summertime pulse-type convection. During the summer, atmospheric forcing is usually weak in this region; thus, convection typically initiates in response to local forcing along sea/lake breezes, and other discontinuities often related to horizontal gradients in surface heating rates. For this study, it is hypothesized that high-resolution, consistent representations of surface properties such as soil moisture and sea surface temperature

(SST) are necessary to better simulate the interactions between the surface and atmosphere, and ultimately improve predictions of local circulations and summertime pulse convection.

This evaluation focuses on a case study period from June–August 2008 using the Advanced Research dynamical core of the Weather Research and Forecasting (WRF) model. The primary goal is to improve simulations of pulse-type convection using the NASA Land Information System (LIS) and SPoRT’s high-resolution Moderate Resolution Imaging Spectroradiometer sea surface temperature composites to initialize the land and sea-surface variables, respectively. The Developmental Testbed Center’s Meteorological Evaluation Tools (MET) package is employed to produce verification statistics, including neighborhood precipitation verification and output from the Method for Object-Based Diagnostic Evaluation tool. The WRF model configuration, LIS spin-up run, and MET verification results will be presented in this seminar.

- Remote Access & Notes:** *Phone Access:* Toll free 1-866-715-2479 Passcode: 9457557 ; International: 1-517-345-5260. For questions please contact Christina Bacon (301-763-8154 x 188; Christina.Bacon@noaa.gov).
- Download Presentation(s):** See <http://www.jcsda.noaa.gov/JCSDASeminars.php> the day of the seminar
- Web link to this seminar announcement** http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_20May2009_Case
- OneNOAA Seminar Added:** [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Thursday, May 7, 2009 7:32 AM

- Title:** **Ocean Resources Management and Marine Spatial Planning for Wave Energy and Marine Reserves in Oregon**
- Date/Location:** Wednesday, 20 May 2009, 12:00-13:00 ([SSMC-3](#), NOAA Central Library Silver Spring, NOAA Office of Coastal and Resource Management, Coastal Programs Divisions seminar)
- Speaker(s):** Bob Bailey (Oregon Coastal Program Manager)
- Abstract:** Although the state of Oregon has had an ocean resources management program for more than 20 years, recent events have converged to drive new program activities and create synergies to solve ocean management problems that are expanding the state's ocean management capacity and reach. Bob Bailey, Oregon Coastal Program Manager, will discuss current ocean planning work on marine reserve designations, ocean wave energy development proposals, the West Coast Governors Agreement on Ocean Health, and initiatives with coastal fishermen, local governments, NGOs, universities, and state and federal agencies to apply science, marine spatial databases, and GIS capacity to problems of ocean management. Along the way he will discuss the key roles of various NOAA

programs ...as well as blind luck and good timing(!)...in moving these issues forward.

Remote Access & Notes: *For general questions about this seminar* please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_20May2009_Bailey

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Monday, May 11, 2009 7:10 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Safeguarding Fish, Wildlife, and Natural Systems in the Face of Climate Change: A New Era for Conservation**

Date/Location: Thursday, 21 May 2009; 10:00 – 11:00 ETZ ([SSMC-5](#) -NOAA Science Center/Auditorium-, NWS [OHD](#) seminar)

Speaker(s): Larry Schweiger (President & Chief Executive Officer, National Wildlife Federation) and Dr. Amanda Staudt (Climate Scientist, National Wildlife Federation)

Abstract: The unprecedented challenge that climate change poses to fish, wildlife, and natural systems has led to an ongoing transformation of the conservation agenda. This seminar will provide an overview of efforts within the conservation community to reorient their mission, show some practical examples of how natural resources adaptation to climate change is taking place on the ground, and share an update on relevant federal legislation. In addition, opportunities for NOAA and other federal agencies to partner with non-governmental organizations will be discussed, highlighting in particular how NGOs can help make connections with grassroot constituencies and governments at the state and local levels.

Remote Access & Notes: Web access: Webinar Registration <https://www1.gotomeeting.com/register/227048073>. Phone access will be available, details to be determined (check back at a later time). For questions: contact Pedro Restrepo (Pedro.Restrepo@noaa.gov) or Ken Pavelle (ken.pavelle@noaa.gov)

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_21May2009_Schweiger

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Monday, May 18, 2009 6:58 AM // Last edited Monday, May 18, 2009 10:29 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Seeing into The Sea: How the Seafloor Was Discovered**

Date/Location: Thursday, 21 May 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC](#) Seminar)

Speaker(s): Albert E Theberge Jr (NOAA [Central Library](#) Silver Spring)

E-mail(s): Albert.E.Theberge.Jr@noaa.gov

Abstract: Up until about 160 years ago, the surface of the 70% of our planet covered by water was totally unknown except for small areas bordering the fringes of most continents. Since that time there has been an explosion of knowledge concerning our view of the seafloor. Many individuals and organizations were responsible for this. This presentation will introduce some of the significant individuals and their accomplishments in the history of seafloor mapping. It will also track the evolution of seafloor mapping technologies and how they influenced our view of planet Earth.

Remote Access & Notes: *For further information* please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Notes about the speaker(s): http://www.photolib.noaa.gov/meet_skip.html

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_21May2009_Theberge

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Monday, May 11, 2009 8:11 AM / Last edited Tuesday, May 12, 2009 9:26 AM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Back to the Future: Bridging Modern Science to Traditional Governance and Management Practices to Save Coral Reefs in the Pacific Islands**

Date/Location: Thursday, 21 May 2009; 12:00 – 13:00 ETZ ([SSMC-4](#), Room #1W611, [NOS](#) seminar)

Speaker(s): Bob Richmond (Kewalo Marine Laboratory, University of Hawaii; Noah Idechong, Speaker of the House, Palau National Congress)

E-mail(s): richmond@hawaii.edu

Abstract: Coral reefs worldwide are being degraded by human-induced disturbances, resulting in ecological, economic and cultural losses. Runoff and sedimentation are among the greatest threats to coastal reefs surrounding high islands and adjacent to continental landmasses. Scientific data exist that identify key stressors, synergisms, and outcomes at the coral reef ecosystem, community and population levels. These data demonstrate that marine protected areas alone may be insufficient for coral reef protection and that integrated watershed management practices are also needed. Gaps in the effectiveness of

environmental policy, legislation and regulatory enforcement have resulted in the continued degradation of U.S reefs. Several Pacific Islands, with intact resource stewardship and traditional leadership systems, have been able to apply research findings to coral reef management policies relatively quickly. Three regional case histories in Micronesia provide insight on how biophysical data can be applied to manage human behaviors responsible for coral reef destruction, through a community driven process.

Presentations are available remotely via a combination of phone & webcast. Please be aware that remote access is limited to 50 connections on a first-come-first served basis, so we cannot guarantee participation. **To participate remotely you must:** 1) Dial 866-541-1377, and then wait for instructions. When prompted enter passcode 142625 followed by the # sign. Please use your phone's mute button (or toggle *6) during the presentation until you are ready to ask questions. 2) Go to the webcast site at <http://www.mymeetings.com/nc/join.php?i=746752585&p=&t=c> 3) Enter meeting number 746752585 if needed. No passcode is required. 4) Enter other required fields. 5) Indicate that you have read the Privacy Policy and click Proceed. **For questions:** contact Felix Martinez (Felix.Martinez@noaa.gov).

Remote Access & Notes:

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_21May2009_Richmond

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Monday, May 18, 2009 6:49 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: NOAA's Potential to Support Renewable Energy

Date/Location: Friday, 22 May 2009, 10:00-11:00 ETZ ([World Weather Building](#), Room 209, Camp Springs, MD; [JCSDA](#) seminar)

Speaker(s): Melinda Marquis (NOAA [ESRL](#))

Abstract: NOAA's role in energy is multi-faceted. To plan the energy systems of the future, the industry needs NOAA to provide information about the potential environmental impacts of these systems, and the pertinent observations and weather forecasts that are necessary before renewable energy (RE) can be integrated into the grid in large amounts. Further, current numerical weather prediction models have not been optimized to address the needs of the RE industry. In addition, increased understanding of the complex relationship between climate and renewable energy resources is required to support efficient and intelligent development of a carbon-free energy system. This seminar will present the needs of the RE industry that NOAA could address, as well as plans for the One-NOAA Energy Initiative for FY2012- 16.

Remote Access & Notes: **Phone Access:** Toll free 1-866-715-2479 Passcode: 9457557 ; International: 1-517-345-5260. For questions please contact Christina Bacon (301-763-8154 x 188; Christina.Bacon@noaa.gov).

Download See <http://www.jcsda.noaa.gov/JCSDAseminars.php> the day of the seminar

Presentation(s):

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_22May2009_Marquis

OneNOAA Seminar Added:

[OneNOAA Science Seminar](#) added Thursday, May 7, 2009 7:40 AM / Last updated Tuesday, May 12, 2009 9:30 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Novel Partnerships and Recent Progress on Combating Marine Invasive Species**

Date/Location: Friday, 22 May 2009; 12:00 – 13:00 ETZ ([SSMC-4](#), Room #8150, [NOS](#) seminar)

Speaker(s): Lad Akins (Reef Environmental Education Foundation), James Morris (NOAA National Centers for Coastal Ocean Science), and Stephanie Green (Simon Fraser University)

E-mail(s): Lad@reef.org, James.Morris@noaa.gov

Abstract:

Invasive species cost Americans well over 130 billion dollars annually and include wide ranging impacts. While often hidden from easy view, aquatic invasives can cause significant impacts to native ecosystems, commerce, and recreation. A recent, novel partnership between federal, state, university and NGO organizations is providing new inroads in early detection and rapid response for marine invasive species. Lad Akins, Director of Special Projects for the Reef Environmental Education Foundation (REEF), a Florida based non-profit organization will talk about the current status and groundbreaking successes of these partnerships and the impact they are having on addressing the unprecedented invasion of lionfish along the Southeast U.S. and Caribbean.

Remote Access & Notes:

Presentations are available remotely via a combination of phone & webcast. Please be aware that remote access is limited to 50 connections on a first-come-first served basis, so we cannot guarantee participation. **To participate remotely you must:** 1) Dial 866-541-1377, and then wait for instructions. When prompted enter passcode 142625 followed by the # sign. Please use your phone's mute button (or toggle *6) during the presentation until you are ready to ask questions. 2) Go to the webcast site at <http://www.mymeetings.com/nc/join.php?i=746752585&p=&t=c> 3) Enter meeting number 746752585 if needed. No passcode is required. 4) Enter other required fields. 5) Indicate that you have read the Privacy Policy and click Proceed. **For questions:** contact Felix Martinez (Felix.Martinez@noaa.gov).

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_22May2009_Akins_etal

OneNOAA Seminar Added:

[OneNOAA Science Seminar](#) added Friday, May 15, 2009 1:05 PM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Upcoming OneNOAA Science Seminars:

Title: **International Arctic Systems for Observing the Atmosphere: Challenges for a NOAA Climate Service**

Wednesday, 27 May 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC](#) Seminar)

Date/Location: A [NODC seminar as part of the "NOAA work in the high latitudes and the International Polar Year 2007-2008 seminar series"](#)

For further information about the IPY seminars see:

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#IPYSeminars>

Speaker(s): Dr. Taneil Uttal (NOAA [Earth System Research Laboratory](#))

E-mail(s): Taneil.Uttal@noaa.gov

Abstract:

The International Polar Year was a designated period of world wide collaboration on polar research that started in March 2007 and just ended in March 2009. A number of legacy projects have resulted from the IPY that are expected to continue into the foreseeable future. One of these projects originated within NOAA; the International Arctic Systems for Observing the Atmosphere (IASOA). The main mission of IASOA is coordination of atmospheric data collection at existing and newly established intensive Arctic atmospheric Observatories in the 7 Arctic countries with participation and support from additional non-Arctic countries. Data of interest to the IASOA consortium include measurements of standard meteorology, greenhouse gases, atmospheric radiation, clouds, pollutants, chemistry, aerosols, and surface energy balances that are collected continuously with instruments on the ground. These measurements support studies of Arctic climate change attribution (why things are changing), not just trends (how things are changing). IASOA is responsive to growing evidence that the earth system may be approaching environmentally critical thresholds within decadal time scales. The information from IASOA will not only enhance scientific understanding but will also support decisions by the global community regarding climate change mitigation and adaptation strategies.

IASOA is a potential building block for the atmospheric, Arctic component of a NOAA Climate Service and could potentially contribute significantly to the operations of all NOAA line offices and mission goals. However, there are significant challenges which can only be solved by NOAA acquiring the authorities and support protocols for operating with international partners in a timely manner. This talk will be specifically addressed to the NOAA staff offices including International Affairs, Acquisition and Grants, General Consul, Finance, Travel, Communications and Education and will address a shopping list of current “show stoppers and dampers” that hinder NOAA support of IASOA. Specific examples will be used for on-going activities in Canada, Russia and Finland.

Remote Access & Notes: **For Webcast access:** 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in

other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov), Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov).

Notes about the speaker(s):

Current research involves investigation of Arctic clouds and aerosol characteristics using radar, radiometers, and lidar. Observed cloud properties include water contents, phase, vertical distribution and optical properties which are considered to be important in determining how clouds will impact atmospheric radiation budgets, and how energy will be exchanged between the surface and the atmosphere. A primary objective is to collect long-time records of clouds to directly measure how they change over different seasons, and from year to year. These data sets will be important in determining the processes and mechanisms force climate change so we can answer not only "how" but "why" our environment is changing. An important component of this activity is to compare these surface data sets to satellite observations of cloud properties and to develop improved representation of Arctic clouds in climate models (See <http://www.etl.noaa.gov/~tuttal/>).

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_27May2009_Uttal

OneNOAA Seminar Added:

[OneNOAA Science Seminar](#) added Wednesday, April 22, 2009 11:15 AM / Last edited Thursday, April 30, 2009 3:37 PM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title:

How NOAA got to High Latitudes in the First Place: George Davidson of the Coast Survey, and Koh-klux, and Alaska

Thursday, 28 May 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC](#) Seminar)

Date/Location:

A [NODC](#) seminar as part of the "[NOAA work in the high latitudes and the International Polar Year 2007-2008 seminar series](#)"

For further information about the IPY seminars see:

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#IPYSeminars>

Speaker(s):

Dr John Cloud (NOAA [Central Library](#))

E-mail(s):

John.Cloud@noaa.gov

Abstract: Through its legacy agencies, NOAA has participated in every one of the International Polar Years. But the real beginnings of high latitude research involve the US purchase of "Russian America" in 1867, and then a research expedition for a total solar eclipse in 1869. George Davidson, the head of the US Coast Survey on the Pacific coast, was at the center of both activities. During the eclipse expedition, Davidson met and befriended a major Tlingit chief, named Koh-klux. In response to the eclipse, and the complex politics of Alaska, Davidson and Koh-klux made an exchange of lasting significance. Davidson made a painting of the eclipse as seen through his telescope at totality; Koh-klux and 2 of his wives made a large and extremely detailed map of the series of routes and trails/portages between the Tlingit homelands in coastal Alaska along the Lynn Canal, across the Chilkhat Passes and down to the main stem of the Yukon River at Fort Selkirk. The areas and the routes were later thoroughly transformed by the discovery of gold in the Klondike region. The 19th century Koh-klux map, re-discovered in the late 20th century, is now seen as a major historical document in the cultural history of native descendants in three different language families in Alaska and the Yukon. IPY4 (2007-2008) was the first Polar Year effort to formally acknowledge indigenous culture and knowledge in polar and high latitudes research. But George Davidson had initiated that from the very beginnings of his work in Alaska.

For Webcast access: 1) go to

<http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov), Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov).

**Remote Access
& Notes:**

**Web link to this
seminar
announcement**

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_IPY_John_Cloud

**OneNOAA
Seminar Added:**

[OneNOAA Science Seminar](#) added Monday, March 2, 2009 1:06 PM / Last edited Monday, April 13, 2009 11:32 AM

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **TBD**

Date/Location: Friday, 29 May 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC](#) Seminar)

A NODC seminar as part of the "NOAA work in the high latitudes and the International Polar Year 2007-2008 seminar series"

For further information see: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#IPYSeminars>

Speaker(s): Dr. Pablo Clemente-Colón (Chief Scientist, [U.S. National Ice Center](http://www.natice.noaa.gov))

E-mail(s): Pablo.Clemente-Colon@natice.noaa.gov

Abstract: TBD

For Webcast access: 1) go to

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Web link to this seminar Announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_29May2009_Clemente

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Wednesday February 18, 2009 3:28 PM \ Last edited Wednesday, April 22, 2009 11:28 AM

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Assessing Human Health Impacts of Environmental Contamination in the U.S. Arctic**

(POSTPONED) Thursday, 11 June 2009 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC](#) Seminar)

Date/Location: **A NODC seminar as part of the "NOAA work in the high latitudes and the International Polar Year 2007-2008 seminar series"**

For further information see: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#IPYSeminars>

Speaker(s): Dr. Jawed Hameedi (NOAA [NCCOS](#))

E-mail(s): Jawed.Hameedi@noaa.gov

Abstract: TBD

Remote Access & Notes: *For Webcast access:* 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. *For phone access:* toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. *For general questions about this seminar,* please contact Hernan Garcia (Hernan.Garcia@noaa.gov), Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov).

Web link to this seminar Announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_11Jun2009_Hameedi

OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Monday, March 23, 2009 12:39 PM

Title: **TBD**

Date/Location: Wednesday, 17 June 2009 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, NOAA Central Library Silver Spring, [NODC Seminar](#))
A [NODC seminar as part of the "NOAA work in the high latitudes and the International Polar Year 2007-2008 seminar series"](#)
 For further information see: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#IPYSeminars>

Speaker(s): Dr. Jackie M. Grebmeier (Research Professor, [Chesapeake Biological Laboratory](#))

E-mail(s): jgrebmei@cbl.umces.edu

Abstract: TBD

Remote Access & Notes: *For Webcast access:* 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. *For phone access:* toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. *For general questions about this seminar,*

please contact Hernan Garcia (Hernan.Garcia@noaa.gov), Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov).

Notes about the speaker(s): Dr. Grebmeier is a research professor at the Chesapeake Biological Laboratory. Her research interests are related to pelagic-benthic coupling, benthic carbon cycling, and benthic faunal population structure in the marine environment. Over the last 20 years, her field research program in both the Arctic and Antarctic has focused on such topics as understanding how water column processes influence biological productivity in Arctic waters and sediments, how materials are exchanged between the sea bed and overlying waters, and documenting longer-term trends in ecosystem health of Arctic continental shelves (See http://arctic.cbl.umces.edu/web-content/Jacqueline_Grebmeier/index.html).

Web link to this seminar Announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_17Jun2009_Grebmeier

OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Wednesday February 18, 2009 3:28 PM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **High-resolution MODIS / AMSR-E composite SST for diagnostic and regional weather prediction studies**

Date/Location: Wednesday, 17 June 2009 14:00-15:00 ETZ [Check time] ([World Weather Building, Room 707, Camp Springs, MD](#); [JCSDA](#) seminar)

Speaker(s): JGary Jedlovik(NASA / MSFC / [SPoRT](#))

Abstract: TBD

Remote Access & Notes: **Phone Access:** Toll free 1-866-715-2479 Passcode: 9457557 ; International: 1-517-345-5260. For questions please contact Christina Bacon (301-763-8154 x 188; Christina.Bacon@noaa.gov).

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_17Jun2009_Jedlovik

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Wednesday, January 21, 2009 12:29 PM / Last edited Friday, March 13, 2009 8:09 AM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **XBT lines in The Arabian Sea and Bay of Bengal**

Date/Location: Wednesday, 24 June 2009; 12:00-13:00 ETZ ([SSMC-3](#), 4th Floor, Room 4817, [NODC Seminar](#))

Speaker(s): Dr. Vissa Gopalakrishna (National Institute of Oceanography, Dona Paula, Goa, India)

Abstract: TBD

For Webcast access: 1) go to

<http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#"

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Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_24Jun2009_Gopalakrishna

OneNOAA Seminar Added: [OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Thursday April 9, 2009 9:28 AM

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Development of the Fishing Ecosystem Analysis Tool (FEAT)**

Date/Location: Wednesday, 24 June 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, [NOAA Central Library Silver Spring Seminar](#))

Speaker(s): Matt Austin (NOS Office of Coast Survey Cartographic and Geospatial Technologies Program)

Abstract:

The Fishing Ecosystem Analysis Tool (FEAT) is a system for analyzing and spatially displaying commercial and recreational catch data in combination with the place-based approach to defining and measuring fishing communities envisioned by National Standard 8 of the Magnuson-Stevens Act. Fishing communities in Hawaii are currently defined at the island level, which is overly broad for conducting social impact analysis. A suitable scale for many analyses is Zip Code Tabulation Area, which the U.S. Bureau of the Census developed by aggregating census blocks. We refer to these areas as Socioeconomic Zones because they can be characterized using Census socioeconomic variables such household income, poverty level, education, ethnicity and many others. Socioeconomic zones can be linked to commercial marine license catch data and recreational catch data using anglers' zip codes. This allows for spatial analysis and reporting of catch variables such as species, pounds landed, port of landing, gear used, and fishing area location. We can then associate any of these variables with socioeconomic zones and characteristics. Data from 10 years of commercial marine license catch reports and 7 years of recreational catch data currently are entered into the

database. We will provide a number of examples of possible analyses that can be conducted with FEAT, which has the capability to tie in with other Pacific Islands Fisheries Science Center (PIFSC) data systems and to be used for many purposes other than analysis of human dimensions data.

Remote Access & Notes: *For further information* please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_24May2009_Austin

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Tuesday, April 28, 2009 11:26 AM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Reducing Threats of Land-based Sources of Pollution to Human and Ecosystem Health: A case study for the Island of Dominica**

Date/Location: Thursday, 25 June 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, [NOAA Central Library Silver Spring Seminar](#))

Speaker(s): Ed Kruse (International Affairs Specialist, NOS International Program Office)

Abstract: TBD

Remote Access & Notes: *For further information* please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_25May2009_Kruse

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Monday, May 4, 2009 7:05 AM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Climatology and scenarios of Texas hurricanes from planning perspective and other current activities at ECSC**

Date/Location: Wednesday, 22 July 2009; 12:00 – 13:00 ETZ ([SSMC-4](#), Room #8150, [NOS](#) seminar)

Speaker(s): Dr. Tanveer Islam (Integrated Assessment Research Associate, [NOAA Environmental Cooperative Science Center](#))

E-mail(s): tanveerul.islam@famuedu

Abstract:

The lack of public attention to preparedness for hurricanes and other potentially catastrophic disasters is a persistent phenomenon in American society. Most of the published materials on hurricanes are too demanding of time or technical expertise to meet the requirements of being "usable science" that might inform public planning or private investment in coastal counties and cities. This study provides a place-based approach to the organization and analysis of historic hurricane information in the context of informing decision-making in urban planning, disaster management and mitigation, and natural resource stewardship on the Texas coast. The metrics used here for "usable science" include visual representations of hurricane histories based on state-of-the-art data and robust basic statistics, combined with a relatively brief explanatory text that can be understood by a broad range of interested citizens. National Oceanic and Atmospheric Administration's (NOAA) hurricane track information for storms hitting Texas between 1851 and 2006 has been analyzed according to origin, intensity, speed of approach to the coast, and date. This analysis shows a significant percentage (54%) of the storms formed in the Gulf of Mexico with an even higher percentage for storms that hit the upper Texas coast. Although the overall temporal distribution generally shows the well known pattern of storm activity in August and September, Texas storms that form in the Gulf of Mexico have a significantly different temporal landfall pattern. The study also focuses on historic hurricanes that pose special challenges to emergency managers because of their rapid formation and landfall on the Texas coastline. All too often, hurricane planning is primarily informed by the most recent serious event, or by generic scenarios that do not reflect important regional hurricane characteristics that are "knowable" from historic records. By reconstructing scenarios of historic hurricanes that formed and made landfall rapidly on the Texas coastline, the study suggests that these storms are especially challenging for emergency planners, citizens, and public officials.

Remote Access & Notes:

Presentations are available remotely via a combination of phone & webcast. Please be aware that remote access is limited to 50 connections on a first-come-first served basis, so we cannot guarantee participation. **To participate remotely you must:** 1) Dial 866-541-1377, and then wait for instructions. When prompted enter passcode 142625 followed by the # sign. Please use your phone's mute button (or toggle *6) during the presentation until you are ready to ask questions. 2) Go to the webcast site at <http://www.mymeetings.com/nc/join.php?i=746752585&p=&t=c> 3) Enter meeting number 746752585 if needed. No passcode is required. 4) Enter other required fields. 5) Indicate that you have read the Privacy Policy and click Proceed. For questions: contact Felix Martinez (Felix.Martinez@noaa.gov). **For questions:** contact Felix Martinez (Felix.Martinez@noaa.gov).

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_22July2009_Islam

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Monday, May 11, 2009 10:36 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Flows and mixing in abyssal channels of the Atlantic (Vema Channel 31°S), Romanche Fracture Zone (equator), Vema Fracture Zone (11° N)**

Date/Location: Monday, 17 August 2009; 11:00-12:00 ETZ ([SSMC-3](#), 4th Floor, Room 4817, [NODC Seminar](#))

Speaker(s): Dr. Eugene Morozov ([Shirshov's Institute of Oceanology](#), Moscow, Russia)

Abstract: TBD

Remote Access & Notes: **For Webcast access:** 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov). For further information about the speaker, please contact Dan.Seidov@noaa.gov.

Notes about the speaker(s): Dr. Eugene Morozov, is the director of Laboratory of Internal Waves at the Shirshov Institute of Oceanology, Russian Academy of Sciences, Russia. He is also Vice President of IAPSO.

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_17Aug2009_Morozov

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Wednesday, February 11, 2009 7:14 AM \ Last edited Monday March 16, 2009 12:01 PM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **What Can Science Tell Us That Fishermen Don't Already Know?**

Date/Location: Monday, 26 October 2009; 12:00-13:00 ETZ ([SSMC-3](#), 4th Floor Large Conference Room 4527, [NODC Seminar](#))

Speaker(s): Dr. Elizabeth W. North (Assistant Professor, [University of Maryland Center for Environmental Science](#))

E-mail(s): enorth@hpl.umces.edu

Abstract: For millennia, fishermen have known that abundances of fish vary from year to year and that these variations could be associated with changes in weather. One hundred years ago, many scientists thought that man could not exhaust the sea's bounty and that climate

fluctuations were unpredictable and not related to human activities. Today, we see that fish populations may fluctuate due to fishing, natural weather and climate variability, and human-induced climate change. As our understanding of the earth's system grows and our ability to predict (or at least forecast envelopes of future realities) expands with it, we need to ask, "What is the validity of the quantitative tools developed from this understanding, and how can we use these tools to better manage fish, fisheries, and ecosystems?"

Although empirical relationships between oceanographic conditions and fish and shellfish recruitment are notoriously ephemeral, I will make the case that a process-level understanding of recruitment for individual species is an achievable and important goal for fisheries science. The state of the ecosystem (both physical and biological components) can have profound influences on early-life dynamics, which in turn feed back to the ecosystem via proliferation or collapse of year classes that can shift community structure as they pulse through a system. Understanding the influence of environmental variability on both the ecosystem and single species is necessary for projecting how fished populations will respond to climate change, for developing decision-support tools for ecosystem-based management, and for science to tell us something that fishermen don't already know. Supporting insights and examples will be drawn from the Global Ecosystem Dynamics (GLOBEC) Program and from research on Chesapeake Bay and the Western Atlantic's Middle Atlantic Bight. Perspectives on research needs and priorities will be offered.

For Webcast access: 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov).

**Remote Access
& Notes:**

**Notes about the
speaker(s):**

Elizabeth W. North is an Assistant Professor at the University of Maryland Center for Environmental Science (UMCES). Located at Horn Point Laboratory, Dr. North works to advance basic principles of fisheries oceanography, support fisheries management, and enhance ecosystem restoration. Her research integrates field and numerical modeling approaches and focuses on physical-biological interactions during the early life of fish and shellfish. Dr. North received a B.A. from Swarthmore College in 1991, a M.S. in Interdisciplinary Science Studies from Johns Hopkins University in 1996, and a Ph.D. in Marine, Estuarine, and Environmental Science with specialization in Fisheries Science from University of Maryland in 2001. In 2007, she received the Cronin Award for Early Career Achievement from the Coastal and Estuarine Research Federation. Currently she serves on the ICES Working Group on Modelling Physical-Biological Interactions and the US GLOBEC Standing Committee for Synthesis, and she will co-chair the ICES

workshop on Understanding and quantifying mortality in fish early life stages: experiments, observations and models (WKMOR) in 2010. See also <http://hpl.umces.edu/faculty/enorth.html>.

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_26Oct2009_North

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Friday, April 10, 2009 10:49 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

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- All NOAA offices/divisions are welcome to participate and/or join as [seminar partners](#) (Joining is easy, see [seminar format](#)).
- Please share the seminar announcements with anyone interested. Please notify us of any errors that you find so that we can correct them.
- Remote access to seminars is available when indicated via web/phone access. When available, seminar presentations will be available for download (see Notes for each seminar).

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