

Tuesday, May 26, 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_26May2009.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.

OneNOAA Science Seminars This Week:

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.
- 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_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: "Hielo en el Mar" - The National Ice Center Activities During the International Polar Year

Friday, 29 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 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](#))

E-mail(s): Pablo.Clemente-Colon@natic.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_29May2009_Clemente

OneNOAA Seminar Added:

[OneNOAA Science Seminar](#) added Wednesday February 18, 2009 3:28 PM \ Last edited Friday, May 22, 2009 10:15 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Upcoming OneNOAA Science Seminars:

Title: **Towards a Global Climatology of Planetary Boundary Layer Height: Preliminary Results from Radiosonde Observations**

Date/Location: Thursday, 4 June 2009; 11:30-12:30 A.M. ([SSMC-3](#), 3rd Floor, Room 3404, [ARL](#) Seminar)

Speaker(s): Dr. Dian Seidel (NOAA/[ARL](#))

E-mail(s): Dian.Seidel@noaa.gov

Planetary Boundary Layer (PBL) processes control exchanges of energy, water, and trace substances between the surface and free troposphere. Therefore, realistic simulation or parameterization of the PBL in climate, weather, and air quality models is critical to accurately represent these exchanges. Another potential use of global climatological PBL information is to provide more complete understanding of differential surface and free-tropospheric temperature trends (a still not-fully-resolved issue in climate change science), as unstable or stable PBLs can effectively couple or de-couple the surface and free atmosphere. But, although PBL characteristics have been studied in detail in field campaigns on local scales and for limited periods of time, no long-term global PBL height climatology exists for evaluation of model representations of the PBL.

Abstract: Several options exist for developing a climatology of the global PBL. Traditional methods for determining the height of the PBL are based on in situ meteorological (e.g., radiosonde temperature and moisture) soundings, but new methods, based on GPS/RO (Global Positioning System/Radio Occultation) refractivity data and on remotely-sensed aerosol concentrations, are emerging. Comprehensive comparisons of these methods have not yet been performed.

This seminar will present preliminary findings of PBL height climatologies from a global network of radiosonde stations. We will compare results based on temperature, humidity, stability and refractivity profiles. Seasonal and (to the extent possible) diurnal structures will be elucidated, and the implications of these findings for use of GPS/RO data for determining PBL height will be presented. Feedback on the relevance of this work for model evaluation and development is welcome.

Remote Access & Notes: For further questions please contact Betty M. Wells (Betty.Wells@noaa.gov)

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_04Jun2009_Seidel

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Wednesday, May 20, 2009 6:41 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Capacity Building and Partnerships in West Africa**

Date/Location: Wednesday, 10 June 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, [NOAA Central Library Silver Spring](#) Seminar)

Speaker(s): Teresa Turk (NOAA Fisheries, Office of Science and Technology, Office of International Affairs)

E-mail(s): teresa.turk@noaa.gov

Abstract: The 2007 Magnuson-Stevens Act calls on the United States to promote improved monitoring, control, and surveillance for high seas and Regional Fisheries Management Organization (RFMO) fisheries; improve the effectiveness of RFMOs through adoption of IUU vessel lists, stronger port state controls, and market-related measures; and build capacity in other countries to ensure sustainable fisheries and regulatory enforcement. To further NOAA Fisheries Service efforts in Africa, we have been collaborating with the U.S. Navy's African Partnership Station (APS) to improve maritime safety, security, and resource stewardship. We participated in an on-board, fisheries-focused reception in Senegal in 2007, including a speech by a representative of the Senegalese Ministry of Fisheries on the importance of fisheries to maritime security in the region. In early April 2008, NOAA Fisheries coordinated a 10 day observer training workshop on board APS vessel, HSV2 Swift, in Tema, Ghana. We worked with the Ghanaian Ministry of Fisheries to offer a training program for up to 35 fishery observers. The program trained observers to improve the ways they collect data for scientific research and monitoring of fish stocks and bycatch within domestic and international fisheries. NOAA Fisheries also provided Ghana with safety and scientific equipment for use by observers while performing their duties. In February 2009, NOAA Fisheries in coordination with the Ministry of Fisheries Senegal and through the US Navy's APS, USS Nashville, provided a second observer training to 40 Senegalese observers and several interested NGO's and university students. The presentation will discuss these ongoing activities and future plans for a coordinated engagement working with a variety of partners dedicated to improving fisheries management and combating IUU fishing in West Africa.

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_10Jun2009_Turk

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Friday, May 22, 2009 7:52 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 (*seminar postponed*)**

(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

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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](#) added Monday, March 23, 2009 12:39 PM / last edited Monday, May 18, 2009 12:02 PM

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

Title: **TBD**

Wednesday, 17 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. 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

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).

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](#) 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 as 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](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Tuesday, April 28, 2009 11:26 AM

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](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Monday, May 4, 2009 7:05 AM

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@famu.edu

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](#) 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

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?"

Abstract:

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_26Oct20009_North

***OneNOAA
Seminar Added:***

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

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- Please check for seminar additions and changes (*i.e.*, cancelations, *etc.*).
-  [Subscribe](#) to RSS feed [[What is RSS?](#) - [How do I use RSS?](#)]
- Constructive suggestions for improving the content of the seminar series are welcome [Please contact [Hernan Garcia](#) or a [seminar partner](#)].
- 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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