Alliance for Marine Remote Sensing (AMRS)
ROOM 289 10.00 – 15.30
The Alliance for Marine Remote Sensing (AMRS) Association will conduct a two-day conference focusing on Hyperspectral Issues for Coastal Zone Environments. Conference attendance is free for AMRS members and employees of sponsoring organizations. To join AMRS (US$ 29.95), register outside room 289.

AMRS Hyperspectral Issue for Coastal Environments Conference
Day 1 program

Session Co-Chairs: Bob Winokur, President Earth Satellite Corporation, Rockville, MD, President AMRS Association
Dr. Ralph Garono, Wetland and Watershed Assessment Group, Corvallis, Oregon

10:00 - 10:30 Overview of hyperspectral technology with a focus on various sensors and their capabilities
Herbert Ripley

10:30 - 11:00 Exploring spectral discrimination of marsh habitat type in the New Jersey Meadowlands
Francisco Artigas

11:00 - 11:30 Potential for hyperspectral detection of light stress in the seagrass Zostera capricorni
S Fyfe

11:30 - 12:00 Hyperspectral remote sensing methods for studying the occurrence of dieback in spartina alterniflora along coastal Louisiana
Amina Rangoonwala

12:00 - 13:30 Lunch Break

13:30 - 14:00 Using Compact Airborne Spectrographic Imager (CASI) to Develop a Spatially Linked, Hierarchical Habitat Cover Data Set along the Lower Columbia River Estuary (USA)
Becci Dale Anderson

14:00 - 14:30 Mapping the Invasive Species Chinese Tallow
Gene Nelson

14:30 - 15:00 Four-scale remote sensing approach for investigating water quality of Cowichan estuary, BC, Canada.
Maycira Costa

15:00 - 15:30 GPS Reflections for Ocean Surface Winds
Steve Katzberg

10:30 – 11:00 The Geology of the Gulf of Mexico
Speaker: Dr. Harry Roberts
Affiliation: Louisiana State University

11:00 – 11:30 Deep-Sea Benthic Ecology in the Gulf of Mexico
Speaker: Dr. Gil Rowe
Affiliation: Texas A&M University

11:30 – 12:00 The ANIMIDA Program in Northern Alaska
Speaker: Mr. John Brown and Dr. Paul Boehm
Affiliation: Battelle

13:45 – 14:15 Pacific Platform Ecology
Speaker: Dr. Milton Love
Affiliation: University of California

14:15 – 14:45 Flower Garden Banks Monitoring Program
Speaker: Mr. William Precht
Affiliation: PBS&J

14:45 – 15:30 Afternoon Break

15:30 – 16:00 Chemosynthetic Communities in the Gulf of Mexico
Speaker: Dr. Chuck Fisher
Affiliation: Pennsylvania State University

16:00 – 17:00 Hydrates
Speaker: Dr. Michael Smith
Affiliation: Minerals Management Service

16:30 – 17:00 Sperm Whale Research in the Gulf of Mexico
Speaker: Dr. Peter Tyack
Affiliation: Woods Hole Oceanographic Institute

Don Durham Symposium
ROOM 284 09.30 – 16.30
A symposium will be held to honor the achievements of Dr. Donald Durham. It will include presentations by today’s luminaries from the Department of Defense, the academic community, and industry. The final presentation will be from Dr. Durham where he will reflect on his 31 years of service to the Navy community and discuss his vision of the future.

09:30 – 09:35 Welcoming Remarks and Overview
Dr. William Burnett (Chair)

09:35 – 10:05 Progress in High Performance Computing
Mr. Cray Henry (HPCMO)

10:05 – 10:35 Progress in Numerical Modelling
Dr. James J. O’Brien (Florida State University)

10:35 – 11:00 Coffee Break

11:00 – 11:30 Progress in Underwater Exploration
Mr. David Jourdan (Nauticos)

11:30 – 12:00 Progress in Ocean Data Collection
Dr. Worth Nowlin (Texas A&M)

12:00 – 13:30 Lunch Break

Minerals Management Service (MMS) Symposium
ROOM 295 10.00 – 17.00
The Minerals Management Service (MMS) will be hosting a day-long symposium to highlight significant oceanographic studies founded by MMS.

10:00 – 10:30 Physical Oceanography in the Gulf of Mexico
Speaker: Dr. Van Waddell
Affiliation: SAIC

10:30 – 11:00 The Geology of the Gulf of Mexico
Speaker: Dr. Harry Roberts
Affiliation: Louisiana State University

11:00 – 11:30 Deep-Sea Benthic Ecology in the Gulf of Mexico
Speaker: Dr. Gil Rowe
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12:00 – 13:30 Lunch Break
Associated Meetings

13:30 – 14:00  Progress in Hydrography and Navigation
               Dr. Jay Grimes (USM)

14:00 – 14:30  Future Capabilities
               CAPT Tim McGee (ONR)

14:30 – 15:00  Coffee Break

15:00 – 15:30  Transitioning R&D to Operations
               Dr. Rick Spinrad (Navy N096T)

15:30 – 16:00  Navy Community Assessment & Introduction of
               RDM1 Thomas Q Donaldson V Dr. Durham
               (CNMOC)

16:00 – 16:30  Career Synopsis – Future Assessment
               Dr. Donald Durham

16:30 pm:  Adjourn

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IODIBE-GOOS
ROOM 297  14.00 – 17.00

The Second Conference on a Regional Ocean Observing System for
the Caribbean Sea and Gulf of Mexico organized by the IODIBE-GOOS
Steering Committee. This symposium will focus on
implementation of the GOOS Regional Alliance for the Caribbean and
Gulf of Mexico, IODIBE-GOOS. Further information, including the
IODIBE-GOOS Strategic Plan and the proceedings of the first
conference (OI Americas 01, April 2001) can be found at
www.iod.unesco.org/goos/IODIBE-carigoos.htm. Contact: Doug
Wilson, IODIBE-GOOS Steering Committee Co-Chairman,
Doug.Wilson@noaa.gov

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THURSDAY 5 JUNE

Alliance for Marine Remote Sensing (AMRS) – Day 2 program
ROOM 289  10.00 – 16.00

Session Chair: Herb Ripley, President, Hyperspectral Data
International, Halifax, Nova Scotia,
Chairperson AMRS Technical Review Committee

10:00 - 10:30  Influenced Wetlands of the Columbia River
               Estuary
               R Garono

10:30 - 11:00  Usage of Atmospheric Corrections to
               Hyperspectral Image Data in Identifying Water
               Column Constituents in the Coastal Zone
               Mark Bailey

11:00 - 11:30  Comparison of Techniques for Deriving
               Bathymetry from Remotely Sensed Data
               L. Yarbrough

11:30 – 13:30  LUNCH BREAK

13:30 – 14:00  Hyperspectral technology for coral reef
               monitoring
               Herbert Ripley

14:00 – 14:30  Talk on inland waters, land/water interface
               Robert Bukata

14:30 – 16:00  OPEN DISCUSSION on REMOTE SENSING
               ISSUES

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Ocean.US Discussion Forum: Coastal Observation - not just for
scientists anymore.
ROOM – 284

0930 – 0940  Welcome & Purpose
              Rick Spinrad, Chair, Ocean.US Executive
              Committee

0940 – 1000  Integrated Ocean Observing System - Update on
              Development and Implementation Plan
              Eric Lindstrom, Director, Ocean.US

1000 – 1020  An Integrated Observing and Modeling System
              for Tampa Bay, Florida
              Mark Luther, University of South Florida

1020 – 1040  Application of Observing System Information to
              Coastal Economies
              Mary Altalo, Science Applications International
              Corporation

1040 – 1100  Integrating Outreach and Education in a Regional
              Ocean Observing System:
              The SEACOOS Example
              Jack Thigpen, NC Sea Grant Extension Program

1100 – 1200  Discussion - Not Just for Scientists, but How do
              We Make the Connection to Users?
              Margaret Davidson, moderator

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The Geoforum: The Gulf of Mexico Geohazards Forum
ROOM 285  09.30 – 12.00

Theme:  Future Marine Site Investigation Sensor
Technology

Session Chair: Andy Hill

09.30 – 1000  Future Developments in Swath Bathymetry
              Erik Hammerstad, Kongsberg Simrad, Horten,
              Norway

10.00 – 1030  Future Developments in Sonar Technology
              Bill Key, Klein Associates Inc., NH, USA

10.30 – 1100  Future Developments in Sub-Bottom Profiling
              John C. Spruance, Edgetech, FL, USA

11.00 – 1130  Future Developments in Geotechnical Sensor
Technology
              Gary Humphrey, Fugro McClelland, TX, USA

11.30 – 1200  Panel Discussion

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NASA's Oceanography Program
ROOM 297  09.30 – 17.00

The one day conference will feature brief presentations
by NASA project Principle Investigators. Each researcher
will present an overview of their NASA funded work
and findings. The session will feature work being conducted at Jet
Propulsion Laboratory, NASA's Goddard Space Flight Center, Universities
across the United States and several research labs.
Alliance for Coastal Technology (ACT)
ROOM 295  12.00 – 13.30
ACT Gulf Regional Alliance Members Meeting:
The Alliance for Coastal Technologies (ACT) is a NOAA-funded partnership of research institutions, state and regional resource managers, and private sector companies interested in developing and applying sensor technologies for monitoring and communication. Key objectives of a national ocean exploration program for standardizing approaches to coastal monitoring and sensor technologies.

This lunch meeting is for existing Gulf Regional Alliance Members and for those interested in becoming Alliance Members. There will be a short presentation on recent activities of the Alliance followed by an open forum for discussion of technological issues in implementing coastal ocean observing systems. A buffet lunch will be served.

NOAA Office of Ocean Exploration - Ocean Forum
ROOM 290  14.00 – 16.00
NOAA’s Office of Ocean Exploration will convene an Ocean Exploration Forum among commercial, academic, private, and nongovernmental organizations, and government stakeholders in ocean exploration, to encourage partnerships and promote communication. Key objectives of a national ocean exploration program are mapping the physical, geological, biological, chemical, and archaeological aspects of the ocean; exploring ocean dynamics and interactions at new scales; developing new sensors and systems for ocean exploration; and reaching out in new ways to stakeholders, to improve ocean literacy of learners of all ages.

The Americas Petroleum Survey Group (APSG)
ROOM 283  14.00 – 15.00
The Americas Petroleum Survey Group (APSG) is an unincorporated association of individuals who desire to exchange geodetic and cartographic information relating to worldwide petroleum development. The purposes of the APSG are to advance survey technology relative to the worldwide petroleum industry and to disseminate information to APSG members in respect of worldwide petroleum geodesy, surveying, cartography, and spatial data management.

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NOPP – Information Session
ROOM 288  15.30 – 17.00
Federal officials from the NOPP Interagency Working Group (IWG) will be joined by NOPP Program Office staff and others to provide a brief overview of recent developments in the NOPP program. Future plans for NOPP will be discussed, including an update on the evolving plans to develop routine ocean observations of U.S. coastal as well as open ocean waters. There will be ample opportunity for questions and comments from meeting attendees.

Visit the NOPP website at www.NOPP.ORG