



National Oceanic and Atmospheric Administration

NOAA Training in Tide, Water Levels, Storm Surge, Sea Level Rise, NOAA Products, Services and Applications

This NOAA training by the Center for Operational Oceanographic Products and Services, National Geodetic Survey and Office of Coast Survey and the LSU Center for Geoinformatics will be held in three (3) one day training seminars on the use of tide and water level data for coastal restoration, coastal protection and coastal storm and hurricane storm surge projects and programs. Sea level rise, the basic operation of tide and water level stations, relating tide and water level data to geodetic resources like CORS and NAVD88 will be among the number of topics discussed. Applications and issues on geodesy, surveying and hydro surveying will be covered as well

This will also qualify as a day-long, professional development workshop that will present topics dealing NOAA Gulf Coast update, LA geodetic & GPS Real-Time Network information.

Overviews and general discussions of these issues will be held in the morning with more technical and computational details being covered later in the day

Training Dates / Locations:

March 24, 2009 - New Orleans, U.S. Army Corps of Engineers Office 7400 Leake Ave., 1st Floor http://www.mvn.usace.army.mil/contactus/contact_us.asp

March 25, 2009 - Baton Rouge – LSU Campus, Energy, Coast & Environmental Bldg (School of the Coast) <http://www.lsu.edu/campus/maps/ECE02.html>

March 26, 2009 - Lafayette, USGS Wetlands Center, 700 Cajundome Blvd. <http://www.mapquest.com/maps?city=Lafayette+&state=LA&address=646+Cajundome+Blvd&zipcode=70506>

* Parking is free at each location.

Workshop Times

8:00-8:15 - Coffee

8:15-8:30 - Introduction of instructors and overview of training sessions

8:30-4:30 - Seminar Training Presentations- made in 3 two hour sessions with breaks and lunch

* A portion of the topics to be covered are:

- Tidal theory (Basic)
- Benchmark networks
- Data to datums (Overview)
- Sea level rise
- Datum computations
- Applications of datums
- Update on Gulf Coast issues
- Basic operation of tide gauges
- Data collection (QA / QC)
- Tidal Epochs (19 and 5 year)
- CORS and tide gauge relationships
- Datum support of hydro activities
- Tidal and geodetic relationships (VDATUM)
- LA geodetic / GPS RTN updates



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Workshop Cost

There is no charge to attend any of the three workshops.

Registration-RSVP

Please send RSVP email to: NOAA-LGS@lsu.edu

In the Subject Line, Identify which Location you will be attending and the number of people participating. In the message body, please provide the names and affiliations of the participant(s)

Contacts

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