



**National Ocean Service, National Geodetic Survey  
LSU/Louisiana Spatial Reference Center  
Height Modernization Benefits  
Thursday, September 18, 2008, 8:00-4:30pm  
Doubletree Hotel Coconut Grove  
2649 South Bayshore Drive  
Miami, FL**



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### **Agenda**

**Note: Some of these presentations contain animated sequences that require certain files. If you wish to download a presentation onto your local computer, you need to download any movie files that go with it using the links below. Save the movie files in the same folder as the presentation.**

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| 8:00 - 8:30   | Registration and Continental Breakfast   |
| 8:30 - 8:45   | Opening/Welcome<br>Renee Shields, Height Modernization Manager<br>National Geodetic Survey, NOS  |
| 8:45 - 9:00   | Introduction of Keynote Speaker Jack Dunnigan<br>Dr. Roy Dokka, Director<br>Louisiana Spatial Reference Center/Louisiana State University                  |
| 9:00 - 9:30   | Keynote Presentation<br>Jack Dunnigan, Assistant Administrator<br>National Ocean Service   |
| 9:30 - 10:00  | Storm Surge Models<br>Stephen Baig, Oceanographer, Storm Surge Team Leader<br>National Hurricane Center, NWS (Retired)                                     |
| 10:00 - 10:15 | Break  |
| 10:15 - 10:45 | Coastal Communities and Building Resilience<br>Todd Davison, Director<br>Gulf Coast Services Center, CSC, NOS  |
| 10:45 - 11:15 | Datums and Stages - Importance to the NWS Hydrologic Services Program<br>David Reed, Hydrologist-in-Charge<br>Lower Mississippi River Forecast Center, NWS |
| 11:15 - 11:45 | Training Required for Proper Use of Vertical Datums<br>Dr. Richard Koehler, Hydrologist  |

Forecast Decision Training Branch, NWS

- 11:45 - 12:00      General Discussion  
Douglas Brown, Geodesy Program Manager  
National Geodetic Survey, NOS
- 12:00 - 1:00      Lunch (Deli Buffet)
- 1:00 - 1:30      Tropospheric Signal Delay Corrections (movie)  
Seth Gutman, Physical Scientist  
Earth System Research Lab, OAR
- 1:30 - 2:00      Benefits of a 1 cm Geoid/Determining Height and Wetlands  
Eric Van Dyke, Geographical Ecologist  
Elkhorn Slough National Estuarine Research Reserve
- 2:00 - 2:30      DEM Requirements for Tsunami Inundation Forecasting  
(movie1) (movie2) (movie3) (movie4)  
Christopher Fox, Director  
National Geophysical Data Center, NESDIS
- 2:30 - 2:45      Break
- 2:45 - 3:15      Tidal Datums for Coastal Applications  
Thomas Landon, National Water Level Program Manager  
Center for Operational Oceanographic Products & Services, NOS
- 3:15 - 4:15      General Discussion  
Douglas Brown, Geodesy Program Manager  
National Geodetic Survey, NOS
- 4:15 - 4:30      Closing Remarks  
Dave Zilkoski, Director  
National Geodetic Survey, NOS