

# **30<sup>th</sup> Annual Louisiana Remote Sensing and GIS Workshop**

## **Description of Training Events**

Post workshop training at UNO for RS/GIS Registrants

### **May 15, 2014**

#### **Morning Session: National Hydrology Dataset (NHD) Presentation by La DOTD, La DEQ & USGS**

The National Hydrography Dataset (NHD) is the surface-water component of The National Map. The NHD is a comprehensive set of digital spatial data that represents the surface water of the United States using common features such as lakes, ponds, streams, rivers, canals, stream gauges, and dams. This training will offer an overview of NHD concepts and contents, as well as use cases showing how the network flow and tracing components extend the benefits of the NHD.

#### **Afternoon Session: What's New in ArcGIS Online, a Demonstration by ESRI**

ArcGIS Online is a tool to create interactive web maps and apps that you can share with anyone. With ready-to-use content, apps, and templates you can be productive right away. And no matter what you use—desktops, browsers, smartphones, or tablets—you always have access to your content. The latest version of ArcGIS Online includes; Custom Roles for added security and website administration, better tools for analysis, a map viewer, single sign-on access and additional applications and content to build your own maps.

### **May 15-16, 2014**

#### **Two-day Session: Flood Inundation Mapping Workshop by NOAA Coastal Services Center**

This course offers a combination of lectures and hands-on exercises designed to give students a better understanding of coastal inundation issues and mapping methods using GIS. Topics include the different types of coastal inundation, elevation datasets and datums, spatial methodologies used to map flood areas in a coastal environment, the applications and limitations of various types of inundation products, and exercises for assessing coastal risk.

**Prerequisites for all classes:** Basic GIS skills (minimum six months to one year)