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PRESENTS

2009

DDAA GIS CONFERENCE

MARCH 31 - APRIL 1, 2009
HUNTSVILLE-MARRIOTT IN HUNTSVILLE, ALABAMA

CONFERENCE AGENDA DAY ONE

TUESDAY, MARCH 31, 2009

8:00 - 8:30 AM - - REGISTRATION

8:30 - 9:30 AM

JOINT SESSION

The New Data Sharing Paradigm - - Extending GIS Capacity Across Governments with Map Services

This presentation will provide an overview of ongoing efforts within the USGS to establish key map services and framework data layers which will be incorporated into the National Map and the Geospatial One Stop. It will provide an overview of how local governments supporting map services can contribute to the TNM and GOS.

Allyson Jason, USGS

9:45 - 10:45 AM

SESSION A

Getting Your GISP

Have you considered getting your GIS Professional certification? Enjoy a presentation by two LDD GIS Specialists who have recently gone through the application process and find out what's involved. Learn several helpful tips for completing the application and successfully obtaining your GISP.

John Buzzard, Southern Tier West RP&DB, NY

Bret Allphin, Buckeye Hills-Hocking Valley RDD, OH

SESSION B

ARCGIS Server Deployment for Regional Public Access

NCPRPDC is utilizing ESRI's ArcServer Technology in developing a regional GIS website for unrestricted access to data from which additional services will be offered. Initially an address locator service was developed from which expanded functionality now gives community decision makers a flood hazards planning tool. It will assist a user in identifying the appropriate FEMA FIRM Panel Index as well as provide a visual assessment in flood plain delineation. The long-term goals for this project are for the functional deployment of a regional GIS services.

Kurt Barclay, North Central Pennsylvania RP&DC

11:00 AM - 12:00 NOON

SESSION A

GIS Applications at Ohio University

Learn how GIS students at Ohio University not only learn technical skills through the Geography/GIS curriculum, but how they apply those skills by completing real-world projects for the Institute for Local Government Administration and Rural Development; a part of the Voinovich School for Leadership & Public Affairs.

Dave Simon, Voinovich School for Leadership & Public Affairs

SESSION B

Mapping Alabama's Water Systems

Many of Alabama's water systems serve rural communities which are in need of some type of map showing their water systems' networks. This mapping project will provide the infrastructure needed to make key decisions so that the impact of natural disasters such as droughts are minimized and economic development is supported. It will also provide for the coordination and maintenance of the digital infrastructure of the water systems across the State.

Phillip Henderson, ADECA Office of Water Resources

12:00 NOON - 1:15 PM

Lunch and Geo-Jeopardy

This lunchtime exercise is back by popular demand! Work in teams to identify various geographic images from across the country. Identify the most and win glamorous prizes donated by session speakers.

1:30 - 3:00 PM

JOINT SESSION

GIS at Region 6 NYS DOT

NYS DOT has been building roads since the 1890's. Projects were designed and drawn on vellum and various other paper media. These record plans were stored in vaults for safekeeping and reference for future projects. Searching for this data was very time consuming. In the late 1990's due to retirement and attrition, research became more of a problem. Region 6 needed a way for its staff to put their hands on this data in a timely fashion. They started scanning all of their Record Plans, various maps and aerial photos. Through the use of GIS not only are they able to identify where our records are, they now have in their hands a tool that allows them to answer questions more efficiently.

Chuck Hathaway, Region 6 GIS Manager, NYS DOT

3:15 - 4:15 PM

SESSION A

AARC GIS Meeting

This is a scheduled meeting for those attendees who are part of the AARC GIS Group in Alabama. For more information on the agenda for this meeting, contact Abi Dhakal, GIS Coordinator for the Central Alabama Regional Planning & Development Commission at (334) 262-4300 or abhijaya@carpdc.com.

SESSION B

Selecting, Hiring, & Managing Consultants for GIS Projects

This session will cover all aspects of utilizing consultants on IT and GIS related projects. Learn when to use consultants, how to craft and RFP, who to hire, and management techniques for working with them.

Brian Schrantz, EMA, Inc., St. Paul, MN

4:15 - 5:00 PM - - RECEPTION & SNACKS

CONFERENCE AGENDA DAY TWO

WEDNESDAY, APRIL 1, 2009

8:30 - 9:30 AM

Networking Breakfast

Your opportunity to spend more time with the speakers!

9:30 - 10:30 AM

SESSION A

Housing Opportunity Index - - It's So Easy A GIS Tech Can Do It

This session will highlight the mission statement, data collection phase, modeling phase and analysis phase of the creation of a Housing Opportunity Index. More importantly, there will be a discussion and demonstration of the implementation of a data model (housing, facilities locations, industrial activity, commercial activity, etc.) using geo-spatial technology. This Index concept is easily adaptable to a neighborhood, municipality, county, regional district, etc. and this session will explain "step by step" how each attendee can begin building the index for their needs soon.

Stephen Polzella, Town of Big Flats, NY

SESSION B

Developments in Metadata

Metadata! It's important to create it, update it, and share it. Learn about the latest developments in Metadata creation and sharing techniques from a member of Ohio's Metadata Committee.

Dave Simon, Voinovich School for Leadership & Public Affairs

10:45 - 11:45 AM

SESSION A

How Can the Latest GPS Technology Help Me?

This session will touch on the latest GPS technology available, including size and accuracy of handheld units, integrating photos into your GIS, and utilizing sub-foot mapping technologies. There will also be a demonstration of how you could go about building your GIS from scratch.

Brandon Tolle, Navigation Electronics

SESSION B

Sketch Plan and Development Strategy for Town of Owens Cross Roads

The Top of Alabama Regional Council of Governments in Huntsville assists the smaller communities in its region with their development regulations and associated map and GIS needs. In this case, a community was faced with the pressure of rapid population growth along with severe natural constraints. GIS was used to develop an understanding of local constraints and to prepare a development strategy and zoning scheme to better allow the community to grow in a more desirable fashion. This session will review the techniques used in the development of this project.

Jeffrey Pruitt, AICP, Top of Alabama RCG