

Exhibitors

Alteryx, Inc

AppGeo ★

CDM ★

DGT ★

GeoTMS, Inc

HP

Interactive Tactical Group

Intermec Technologies Corp

KAPPA Mapping, Inc.

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Pictometry International

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Welcome to NEURISA Day 2011



Agenda

7:30 - 8:30 **Vendor Setup**

7:45 - 8:45 **Registration**

8:45 - 9:00 **Welcome**

Ms. Feng Yang, NEURISA President

9:00 - 9:45 **Keynote - Preparing For GIS in 2012**

Ms. Adena Schutzberg

Executive Director, Directions Magazine and Principal,
ABS Consulting Group, Inc.

9:45 - 10:00 **Break**

10:00 - 11:15 **Session 1 - Mobile Technologies**

Moderator: Brett Flodine

Presentation #1: Mobile Technologies at Brookline
Police Department

- Officer Scott Wilder, Director IT, Brookline Police
Department

Presentation #2 Reporting in the Field: Mobile
Solutions Utilizing ArcPad Customizations and
InfoPath Forms

- Andrew Flynn, GIS Technician, Vermont Electric
Power Company

Presentation #3 Hot New Mobile Technologies

- Jayson Brennen, CDM

11:15 - 12:15 **Exhibitor Speed Networking**

Spend a few minutes in one-on-one conversations with
participating geospatial vendors as a means to build
introductions and discover mutual business or
professional interests.

1:15 - 2:30 **Session 2 - Enterprise and Regional GIS**

Moderator: Rob Pruyne

Presentation #1: Building Vermont's Federated
Enterprise

- Steve Sharp, Senior Project Manager, VCGI

Presentation #2 State of Rhode Island Enterprise GIS
Implementation Plan

- Shane White, State GIS Coordinator, Rhode Island

Presentation #3 Homeland Infrastructure Foundation-
Level Database to the Regions

- Jeffrey Barrett, Information Exchange Broker, Booz
Allen Hamilton

2:30 - 3:00 **Break**

3:00 - 4:15 **Session 3 - Certification Programs Panel
Discussion**

Moderator: Neil MacGaffey

Certification Program 1: ASPRS Professional
Certification Program

- Matthew Barrett, GIS Program Coordinator, Town of
Concord MA, President, New England Region of
ASPRS

Certification Program 2 ESRI Certification Program

- Jamie Rosa, Certification Manager, Esri, Inc.

Certification Program 3 GISCI-GISP

- Thad Dymkowski, GISP, Town of Newington, CT

4:15 **Conference Adjourned**

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Agenda Morning

Keynote

Ms. Adena Schutzberg

Executive Director, Directions Magazine and Principal, ABS Consulting Group, Inc.

Preparing for GIS in 2012

What should GIS professionals do to prepare for the challenges ahead in 2012? They need to identify and evaluate technology trends occurring in and outside GIS that may change how their organizations and/or their partners "do" GIS. They need to do the same for marketing and social trends that may change how they "sell" their GIS vision to their bosses and clients, buy from their vendors and learn about the latest buzz. Each attendee will take away at least one "must explore trend" for homework during these last months of 2011.

Session One - Mobile Technologies

Mobile Technologies at Brookline Police Department

Officer Scott T. Wilder

Director of Technology and Communications, Brookline, Ma, Police Department

A presentation on how wireless broadband technology (4.9 Ghz) has changed policing in Brookline.

Reporting in the Field: Mobile Solutions Utilizing ArcPad Customizations and InfoPath Forms

Andrew Flynn

GIS Technician, Vermont Electric Power Company

There is a disconnect between field data collected using handheld GPS devices, and the meaningful reports that need to be generated later in the office. ArcPad customizations and mobile reporting integration with Microsoft InfoPath can greatly increase an organization's ability to review and distribute information while in the field. Data collected on mobile devices is used to populate InfoPath form templates, which can be customized to accommodate any report from the ArcPad interface. Field crews are now able to collect data during the inventory process, which can then be imported into the InfoPath forms that include the compiled attribute information and photographs. Employees unfamiliar with GIS can then view the data in a Microsoft platform, allowing them to immediately evaluate the work being done in the field. The ability to customize ArcPad and InfoPath has significantly improved data being collected and the efficiency with which it can be distributed.

Hot New Mobile Technologies

Jayson Brennen

CDM

With advancements in hardware and software, there are an increasing number of alternatives for deploying web and mobile applications. During this quick hitting presentation, a summary of some of the key relevant mobile and web technologies will be summarized and demonstrated. This includes iOS, iPad, Trimble GPS, Flex, Silverlight, and other mobile-supporting hardware and software alternatives.

Exhibitor Speed Networking

- Spend a few minutes in one-on-one conversations with participating geospatial vendors as a means to build introductions and discover mutual business or professional interests.

Lunch and Special Achievement Award Ceremony

- Tuscan Buffet Lunch
- 2011 Special Achievement Award to Dr. Zong-Guo Xia, Professor of Environmental, Earth and Ocean Sciences, Vice Provost for Research and Strategic Initiatives, University of Massachusetts, Boston

Agenda Afternoon

Session Two - Enterprise and Regional GIS

Building Vermont's Federated Enterprise

Steve Sharp

Senior Project Manager, VCGI

The State of Vermont laid the foundation for the creation of Vermont's Enterprise GIS with the formation of the Enterprise GIS Consortium (EGC) in 2008. The EGC is a voluntary consortium of state government organizations focused on effective management of State's Enterprise GIS. Since 2008 the EGC has been building a "federated enterprise" that leverages individual organizational capabilities toward the goals and objectives identified in the State's Enterprise GIS Strategic Plan. Under the federated enterprise model, EGC members (agencies and departments) maintain their own data and decision support systems. They share their data with other members via a common data warehouse architecture and data sharing protocols. The EGC develops and maintains standards and protocols which support the federated enterprise. In summary, the EGC's federated approach promotes cooperation by allowing organizational autonomy, provides incentives to promote the effective participation, and supports an incremental development path. Reporting in the Field: Mobile Solutions Utilizing ArcPad Customizations and InfoPath Forms

State of Rhode Island Enterprise GIS Implementation Plan

Shane White

State GIS Coordinator, Rhode Island

With financial support from the State of Rhode Island Emergency Management Agency (RIEMA), the Rhode Island Geographic Information System (RIGIS) program was able to engage the services of Esri to create a detailed document summarizing what needs to be done to realize a fully-functional Enterprise GIS for the State of Rhode Island (State). This project built on previous efforts to identify needs, the results of which were documented in the "2005-2010 RIGIS Strategic Plan", and the "State of Rhode Island Enterprise GIS Business Plan" from 2007. The most exciting part of the document is a detailed list of items that need to be purchased to support current applications, and to fill in future gaps with planned applications. The plan heavily leverages existing resources and discusses how to augment current department GIS configurations to fully take advantage of centralizing common GIS data sets and web services built on top of them. Cloud capabilities are recommended where appropriate. During the State's Department of Information Technology (DoIT) technical project review process, each new GIS project refers to this document and describes how it fits in with the overall Enterprise GIS. After it is fully implemented, next steps include integrating municipal GIS data sets and workflows. This is critical to realize the full capabilities of GIS to help plan, analyse, respond and mitigate all statewide activities

Homeland Infrastructure Foundation Level Database to the Regions

Jeffrey Barrett

Information Exchange Broker, Booz Allen Hamilton

The Homeland Infrastructure Foundation Level Database (HIFLD) Working Group (WG) was established to identify, share and protect infrastructure geospatial information used for visualization and analysis. Members and contributing partners focus on identifying and facilitating acquisition of authoritative geospatial data, enhancing awareness and sharing of information. Primary membership includes DOD, NGA, DHS, and USGS. HIFLD is involved in Critical Infrastructure Protection; Emergency Preparedness Response and Recovery; Threat Analysis; Antiterrorism; Defense Support to Civil Authorities; Man-Made and Natural Hazard Modeling; Continuity of Operations and Planning. The HIFLD partners are exporting the capability to eight regional areas. HIFLD to the Regions is designed to support regional, state, and local infrastructure protection operations and activities by providing geospatial capabilities and awareness in support of the state and local community. Developing this capability will assist in bringing the geospatial stakeholder community together to increase and enhance regional activities and to strengthen Federal, State and Private Sector Partnerships.

Session Three - Certification Programs Panel Discussion

ASPRS Professional Certification Program

Matthew Barrett

GIS Program Coordinator, Town of Concord, Ma.
President, New England Region of ASPRS

ESRI Certification Program

Jamie Rosa

Certification Manager, Esri, Inc.

GISCI - GISP

Thad Dymkowski, GISp

Town of Newington, CT