GIPSC 2006

GEOSPATIAL INTEGRATION
FOR PUBLIC SAFETY
CONFERENCE

Register by March 3 and receive a special early discount on your conference fee!

Receive a special hotel room rate of only $149 per night if you book by March 15!

1st Geospatial Integration for Public Safety Conference

(formerly URISA's Addressing Conference: Street Smart and Address Savvy)

**April 10-12, 2006
Renaissance Nashville Hotel
Nashville, Tennessee**

GISCI Certification points earned for attending one workshop and the GIPSC Conference = 0.5 GISCI education points.

Continuing Education Credit: Attendance is recognized for continuing education credit toward recertification as an Emergency Number Professional (ENP) with the National Emergency Number Association, as well as for recertification credit with the National Academies of Emergency Dispatch for police, fire and medical emergency dispatchers.

2006 Conference Committee

Conference Chair
Michael D. Walls, Atos Origin, Inc, Lexington, KY

Associate Chair
Kathrine Cargo, Orleans Parish Communication District, New Orleans, LA

Program Committee:
Marc Berryman, GHC 911 Emergency Network, Houston, TX
Gordon Chinander, Metropolitan Emergency Services Board, St. Paul, MN
Ronald P. Cramer, Digital Data Technologies Inc, Columbus, OH
Martha Lombard, GISP, Spatial Focus Inc, Birmingham, AL
Mary E. Mulloy, Northwest Central Dispatch System, Arlington Heights, IL
Phillip Stiefel, Lexington Fayette County Government, Lexington, KY
Robert White, BBC, Inc., South China, ME

About GIPSC

The first event of its kind, the 1st Geospatial Integration for Public Safety Conference (GIPSC) brings together GIS professionals, addressing coordinators, 9-1-1 and emergency response specialists to one place for opportunities in networking and learning.

Co-sponsored by NENA and URISA

About URISA

The Urban and Regional Information Systems Association (URISA) is the premier professional association for those involved in improving our urban and regional environments through the effective use of information technology. Visit www.urisa.org for more information.

URISA

About NENA

The National Emergency Number Association (NENA) is The Voice of 9-1-1 ™. Now celebrating its 25th Year, NENA was established to promote implementation and awareness of 9-1-1 as North America's universal emergency number. NENA has grown to become the leading professional non-profit organization dedicated solely to 9-1-1 emergency communications issues. NENA serves its more than 7,000 members in 46 chapters across the U.S. and Canada through policy advocacy, establishment of technical and operational standards, certification programs and a broad spectrum of educational offerings. Find out more at www.nena.org.

9-1-1 POLICE · MEDICAL · FIRE EMERGENCY NENA

AN INVITATION TO ATTEND

You are invited to the 1st Geospatial Integration for Public Safety Conference, to be held April 10 – 12, 2006 in Nashville, Tennessee. For the last seven years URISA has presented the GIS in Addressing Conference: Street Smart and Address Savvy, while NENA has offered its GIS Critical Issues Forum. This year, URISA and NENA have combined both conferences to provide greater emphasis on GIS and addressing for the primary "consumer" of addresses—specifically GIS professionals, addressing coordinators and 9-1-1 and emergency response specialists.

Experienced practitioners will learn about new issues and methods regarding addressing from a host of experts and fellow colleagues, while novices will learn the basics of addressing. You'll come away with not only an enjoyable experience, but also applicable, real-world knowledge that you can put to use immediately.

We have organized the sessions to assist you in finding presentations that fit your needs and level of expertise. For newcomers to addressing, we have a track on Addressing Basics, which will get you up to speed on how addresses work, how they are assigned and managed, and how to coordinate addresses among multiple agencies and jurisdictions. We also have a track on Emergency Response, which will cover aspects of how addresses and other geospatial data are used in emergency services and 9-1-1 operations. Our third track, Case Studies, shows how agencies put this material to use and what lessons were learned.

From the pre-conference workshops, the informative sessions, and the exciting social events in Nashville, we hope you find time to take in all that this conference has to offer. The Conference Committee and I look forward to meeting you, whether you are a novice just getting started, or a seasoned expert. Hope to see you in Nashville!

Warmest regards,
Mike Walls, Atos Origin

PRE-CONFERENCE WORKSHOPS
MONDAY, APRIL 10

These one-day courses run from 8:30 a.m. to 5:00 p.m. There are additional fees for these courses.

(WK1) Addresses and IS/GIS Implementation: Key to GIS Success
Street addresses are key user-friendly geospatial identifiers used by everyone. Addressing processes at the local level, however, are usually poorly organized. Understand the addressing process as well as how to manage address data and organizational challenges in this workshop. Also, learn how to develop a Master Address Repository that serves the needs of the entire organization.

(WK2) Understanding GIS for the PSAP
Geographic Information Systems (GIS) technology is becoming increasingly prevalent in 9-1-1 centers around the nation. This course will demonstrate what GIS is; why GIS is needed; how to acquire, correct, and maintain your GIS data; and how to develop, maintain, and fund a GIS. GIS data includes streets, emergency service zones, cellular tower locations and sector coverage, and a variety of other information deemed important for various public safety functions. No prerequisite or prior GIS experience is required. Basic knowledge of computers and 9-1-1 operations is beneficial.

(WK3) Advanced GIS
Move beyond the basic theory of GIS with in-depth instruction in areas relevant to PSAP operations. Learn how to use sample scripts and extensions to create an addressing project, to produce a map-based MSAG, set up Geocoding capabilities, and create high quality maps of cell sector coverage areas. This course prepares GIS users on the methods used to perform complex analysis using ESRI's powerful geo-processing tools, while focusing on the tasks and data that is relevant to the PSAP. Watch a demo on GIS principles using ESRI's Desktop GIS. Includes a 90-day evaluation copy of ESRI's ArcView GIS.

(WK4) Introduction to VoIP for PSAPs
What's all the buzz about Voice Over Internet Protocol (VoIP) in the 9-1-1 community? Find out why this new wave of technology is sweeping the world, and why there is a whole new realm of issues and problems for 9-1-1 centers and emergency service providers. This course will examine issues such as the traditional 9-1-1 model, caller location, caller identity, networking infrastructure and threat-risk assessments.

Tour of Metro Nashville Emergency Communications Center (ECC)
Wednesday, April 12, 1:30 p.m. - 3:30 p.m.

Join us on a complimentary tour of Metro Nashville ECC and learn how this agency became a consolidated center in 2002! Get an inside look at how Metro Nashville combined police and fire communications to better serve its citizens and to avoid delays in response. Register early as space is limited!

PROGRAM TRACKS

Addressing Basics, Coordination, and Standards

Is your agency embarking on a new project? Does your organization have the necessary documentation to support existing policies? Would you like to have the ability to enforce what has already been changed or assigned? This track will focus on the many aspects and phases associated with administering addresses. Sessions within the track will provide insight on topics including identifying standards, developing documentation and policy, establishing work flow, collecting inventory and issuing citations.

Emergency Response and 9-1-1

Prompt emergency response requires accurate location information. Accurate location of spatial data is one of the most important products of a geographic information system. Marrying automated dispatch data and GIS location technology is a prime example of using technology to work smarter, not harder. Attend sessions in this track and listen to presentations on projects at the local, state, and Federal levels of effective emergency response that use GIS. Come see and hear about what is possible when two powerful technologies collaborate for informed emergency response.

Case Studies of GIS Integration with Public Safety

Are you having nightmares about integrating GIS with public safety? Do you go to bed at night wondering how to integrate GPS, Addressing, Wireless, Mapping, and Imagery into your PSAP or public safety offices? Do you worry about how you are going to get the data you need to set up an Enterprise GIS and how you are going to fund it? Then you need to check out Track 3 – Case Studies of GIS Integration with Public Safety at this year's Geospatial Integration for Public Safety Conference (GIPSC). This track will provide you with the ammunition you need to eliminate those nightmares forever.

MONDAY, APRIL 10 - Visit www.nena.org and www.urisa.org for the latest updates!

Time	Event
7:30 a.m. – 8:30 a.m.	Continental Breakfast
8:30 a.m. – 5:00 p.m.	Pre-Conference Workshops • Addresses and IS/GIS Implementation • Understanding GIS for the PSAP • Advanced GIS • Introduction to VoIP
Noon – 1:30 p.m.	Lunch on your own
1:30 p.m. – 5:00 p.m.	Vendor Showcase in Exhibit Hall
5:00 p.m. – 6:30 p.m.	Networking Reception in Exhibit Hall

TUESDAY, APRIL 11

Time	Event
7:30 a.m. – 8:30 a.m.	Continental Breakfast
8:30 a.m. – 10:00 a.m.	Welcome Keynote Address - Jason Barbour, ENP, NENA Second Vice President and Co-Founder of North Carolina's Telecommunicator Emergency Response Taskforce (TERT)
10:00 a.m. – 11:00 a.m.	Exclusive Exhibit Hall hours with refreshments
11:00 a.m. – Noon	Vendor Showcase in Exhibit Hall

Time	ADDRESSING BASICS, COORDINATION, AND STANDARDS	EMERGENCY RESPONSE AND 9-1-1	CASE STUDIES OF GIS INTEGRATION WITH PUBLIC SAFETY
11:00 a.m. – Noon	USPS Presentation – Title to be announced	Tennessee Base Mapping Program and the Development of a Statewide Street Centerline Database	Regional GIS Cooperation - Save Money and Lives -
	Database Design for Managing Address Data	Project Shield in Cook County, Illinois	Enterprise GIS for Prince George County, Maryland – Integrating GIS with Public Safety
Noon – 1:30 p.m.	Roundtable Luncheon		
1:30 p.m. – 3:00 p.m.	Assigning and Implementing Addresses: Mean What You Say	Creating a Location Based Response System and Getting Others to Pay for It	GPS, Addressing, Wireless, Mapping and Integration of GIS in 9-1-1
		Geospatial Activities and Partnerships within the United States Geological Survey (USGS)	Lessons Learned from Hurricane Katrina
3:00 p.m. – 3:15 p.m.	Refreshment Break		
3:15 p.m. – 4:45 p.m.	Proposed Federal Geographic Data Committee Addressing Standards – Review and Discussion	GIS & Wireless 911: United We Stand, Divided We Fall	Integrating GIS with Public Safety and Beyond
		Spatial Data Warehouse for City, Emergency, Land-Use and Resource Planning	URISA's GISCorps Activities During Hurricane Katrina
6:00 p.m. – 9:00 p.m.	Off-Site Social Event		

WEDNESDAY, APRIL 12

Time	ADDRESSING BASICS, COORDINATION, AND STANDARDS	EMERGENCY RESPONSE AND 9-1-1	CASE STUDIES OF GIS INTEGRATION WITH PUBLIC SAFETY
7:30 a.m. – 8:30 a.m.	Continental Breakfast		
8:30 a.m. – 10:00 a.m.	Address Enforcement	Integrating GIS with Public Safety and Emergency Management	Integrating Imagery and GIS Within Public Safety
	Administrative Program for Street Naming and Addressing	A Regional Information Management System	Implementing Addressing for E9-1-1
10:00 a.m. – 10:30 a.m.	Refreshment Break		
10:30 a.m. – Noon	CENSUS Update – Improving GIS Data for the 2010 CENSUS	Communication, Coordination, Cooperation and Collaboration for Regional Public Safety GIS Needs	GIS, 9-1-1, Public Safety and Homeland Security
	The National States Geographic Information Council: Promoting Geospatial Data Sharing	Addressing for Emergency Response: FEMA Trailer Parks in New Orleans	Integration of Mobile Resources into the Public Safety Enterprise
Noon – 1:30 p.m.	Lunch on your own		
1:30 p.m. – 3:30 p.m.	Field Trip - Metro Nashville Emergency Communications Center		
1:30 p.m. – 3:00 p.m.	Ask the Experts (Bring your addressing problems for a spirited discussion on Addressing Ordinances and Enforcement!)	Maintaining and Managing Your Own ANI and ALI DBMS, the Need for GIS	Implementing VoIP in Rhode Island
		Why Emergency Number Professional and GIS Professional Certification is Important to You	
3:00 p.m. – 4:00 p.m.	Keynote by Richard Byrd, Director of the Mayor's Office of Emergency Management, Nashville		

REGISTRATION FORM

Geospatial Integration for Public Safety Conference
Renaissance Nashville Hotel, Nashville, Tennessee
April 10 - 12, 2006

GIPSC2006

Name _____

Title _____ Organization _____

Address _____

City _____ State/Province _____

Zip/Postal Code_____ Country _____

Telephone _____ Fax _____

E-Mail _____

I'm a ❑ URISA International Member   ❑ NENA Member

CONFERENCE REGISTRATION(*Full registration includes: Continental breakfasts, refreshment breaks, Networking Reception, Roundtable Lunch and social event*).

	Early Rate (postmarked on or before 3/3/06)	Regular Rate (postmarked after 3/3/06)
URISA or NENA Member	❑$295	❑$345
Non-member	❑$395	❑$445

ONE DAY REGISTRATION (check one) : ❑Tuesday or ❑ Wednesday

URISA or NENA Member	❑$150	❑$175
Non-member	❑$200	❑$225

PRE-CONFERENCE WORKSHOPS: MONDAY, APRIL 10 (additional fee—please choose one only)
❑ (WK1) Addresses and IS/GIS Implementation   ❑ (WK3) Advanced GIS
❑ (WK2) Understanding GIS for the PSAP   ❑ (WK4) Introduction to VoIP

URISA or NENA Member   ❑ $195
Non-member   ❑ $245

FIELD TRIP – WEDNESDAY, APRIL 12, 1:30 P.M. - 3:30 P.M. (See details on page 2)
Complimentary with full conference registration- space is limited!
❑ (FT) Metro Nashville ECC

TOTAL DUE $ _____

METHOD OF PAYMENT
❑ Check enclosed or charge to credit card: ❑ Visa   ❑ MasterCard   ❑ American Express
❑ I authorize URISA to charge my account:

Account #_____ Expiration date _____

Name on Card_____Signature _____

❑ Please bill me. Purchase Order # _____
❑ Check here if you have any disabilities that may keep you from participating fully in the conference
This would include any dietary restrictions. A staff member will contact you to discuss your needs.

URISA

Urban and Regional Information Systems Association
1460 Renaissance Drive, Suite 305
Park Ridge, IL 60068

REGISTER BY MARCH 3 AND RECEIVE A SPECIAL EARLY DISCOUNT ON YOUR CONFERENCE FEE!