

1994

**NATIONAL CAPITAL AREA
ARC/INFO USERS GROUP
(NCAAIUG)**

Annual Regional Conference

December 12-14, 1994

The Inn and Conference Center at the
University of Maryland, University College
College Park, MD

There will be a NCAAIUG meeting at the
Towson State University GIS Conference in June, 1995

PROGRAM
DAY 1 TUESDAY, DECEMBER 13, 1994

	TRACK 1 MANAGEMENT ISSUES	TRACK 2 APPLICATIONS	TRACK 3 TECHNICAL ISSUES
8:00- 9:00 AM	REGISTRATION upper concourse, second floor		
9:15- 10:30 AM	KEYNOTE PRESENTATION Mr. Jack Dangermond, President, Environmental Systems Research Institute, Inc. (ESRI) Future Directions of GIS and How They Effect New Technology		
10:30- 12:00 PM	Ms. Nancy Tosta, U. S. Geological Survey Hither and Yon of NSDI		
12:00- 1:00 PM	LUNCH		
1:00- 1:50 PM	Ms. Rebecca Somers, Somers-St. Claire, GIS Management Consultants. GIS Organization and Staffing. Various GIS organization and staffing models will be compared, and strategies and staffing plans to suit a particular organization's situation will be discussed.	Mr. Archie Minix, Centech. Land Development and Traffic Management Decision Support System. Environmental, cultural, landuse, and image data are combined into a single system to support the interactive analysis of highway corridor locations and performed with user interfaces.	Mr. Amir Razavi, Razavi Applications Developers. Avenue Basics: Introduction to Avenue, the scripting language of ArcView2. Includes review of object-oriented programming (OOP) technology, followed by a discussion of Avenue's language elements. Recommended for those who plan to use Avenue, but are unfamiliar with OOP.
2:00- 2:50 PM	Professor D. McDermott, Northern Virginia Comm. College, Loudoun Campus, Ms. Karen DeVoto, ESRI. GIS in the Community College. This presentation discusses how community colleges are meeting the needs of professional and local businesses, with an emphasis on programs in the metro. Washington, D.C. area.	Mr. Greg Thomas, Innovative Systems Developers, Inc. A Complete GIS-based Stormwater Modelling Solution. TR20, TR55, and HEC2 models are discussed.	Mr. Amir Razavi, Razavi Applications Developers. Avenue Primer: Introduction to customizing and automating ArcView2 using Avenue. Review of processes for creating, compiling, debugging, and installing Avenue scripts. Includes a high-level review of Avenue's class hierarchy. Knowledge of Avenue Basics highly recommended.
3:10- 4:00 PM	Mr. Rudy Spraycar, Roadnet Technologies Mr. Bill Brettschneider, Roadnet Technologies Strategic Partnerships: Experiences in Building a Nationwide Street Network Database.	Mr. Apollo Teng, Montgomery County Government. Developing GIS Applications in a County Government.	Dr. Ferhan Kilical, Catholic University of America and Dr. Adil Kilical, PRI. GIS as a Visual Resource Tool. Using GIS in conjunction with images and imaging.
4:10- 5:00 PM	Mr. Scott Cox, Digital Engineering Corp. Client/Server Computing in GIS	Mr. Dan Feinberg, Greenhome and O'Mara. A Comprehensive County-wide Storm Drain Inventory Using GIS: Design and Implementation Issues.	Mr. Larry Bodin, Bowne Distinct, Ltd Vehicle Routing and Scheduling Problems Over Street Networks.
5:00- 7:00 PM	SOCIAL HOUR Upper Concourse		

Overnight accommodations available at the Inn and Conference Center. For more information, call 301-985-7303.

PROGRAM
DAY 2 WEDNESDAY, DECEMBER 14, 1994

	TRACK 1 MANAGEMENT ISSUES	TRACK 2 APPLICATIONS	TRACK 3 TECHNICAL ISSUES
9:00- 9:50 AM	Ms. Sue Hoegberg, Dewberry and Davis. Searching for Digital Data. This presentation will explore some of the trials and tribulations of keeping track of GIS activities at a Federal, State, and local level. It will provide some tips on where to start, how to avoid some pitfalls, and what we hope to see in the future.	Mr. Paul Hartwell, ESRI. 911 Response: How GIS can be used for emergency response.	Mr. Dan Jarvinen, University of Maryland at College Park. Use of ARC/INFO and TIGER Line Files for Analyzing Access to Emergency Medical Service by the Elderly in the District of Columbia.
10:00- 10:50 AM	Ms. Karen DeVoto, ESRI. ESRI Product Overview. ESRI's line of products will be discussed	Mr. Xiaoyi Zhang, Dr. David Maune, Mr. Marc Sasseville, Dewberry and Davis. AML Program Application for E-911 GIS Database Design. This project requires the development of new methodologies and processes which combine two networks, including a road and street network, with line coverages and an emergency address system with a point coverage. This was used to process up to 900 digital maps.	Ms. Toni Gosinski, Innovative Systems, Inc.. Integrating ARCVIEW2 into Enterprise GIS: A Developer's Perspective.
11:00- 11:50 AM	Ms. Ellen Reitkopp, Management Recruiters of McLean. The GIS Job Search. Topics discussed are: Overview of the Marketplace, Planning the Job Search Campaign, Resumes, and the Interview Process.	Mr. Ken Holbert, WSSC Washington Suburban Sanitary Commission GIS Applications with ARCVIEW2. This presentation is to demonstrate ARCVIEW2 as an application developer alternative to AML coding for WSSC's needs.	Dr. Jay Morgan, Greg Lilly, Towson State Univ. Development Activities of the GIS Laboratory at Towson State Univ. Discussion of efforts to use Landsat and other data sources to develop statewide data sources.
12:00- 1:00 PM	LUNCH		
1:00- 1:50 PM	Dr. Derek Thompson, University of Maryland at College Park, and Ms. Lisa Nyman, Census Bureau. Information Accessibility: Internet and other communication networks will be discussed.	Mr. Ben Lewis, McCormick and Taylor Associates, Inc. Use of GIS Within the Transportation EIS Development Process. A discussion of GIS in support of developing environmental impact statements in coordination with engineers and environmental planners.	Mr. Mike Skowronek, MNCPPC-MC Mr. Barney Krucoff, NCPC-MC The Use of Multimedia and GIS as a Decision Support Tool: The Maryland National Capital Planning Commission (NCPC) and Maryland-National Capital Park and Planning Commission (MNCPPC) experiences.
2:00- 2:50 PM	Mr. Tom Christoffel, Lord Fairfax Planning District Commission. A Customer/Product Strategic GIS Path for Virginia: Networked State/PDC Map and Data Centers	Ms. Sue Hoegberg and Ms. Barbara Raffel, Dewberry and Davis. GIS for Watershed Analysis and Hydrologic Modelling. Calculations from various thematic categories were collected and layers were overlaid and composite curve numbers and pollutant loading calculations were performed for each subbasin. Results were formatted for use in the HEC 1 and transferred for input to the model.	Ms. Priti Mathur, Sylvest. Mr. Bill Cooper, Sylvest. Balancing the Hardware/Software Architecture in building a large GIS network.
3:20- 4:30 PM	CLOSING SESSION		
	Representatives from the Reston, VA ESRI office will have a presentation and question and answer session for the user community. A discussion and suggestions for future users group meeting and conferences will be held.		