



**6th ANNUAL
NATIONAL CAPITAL AREA ARC/INFO
USERS GROUP CONFERENCE**

GIS: RETURNING THE INVESTMENT

**December 16 - 18, 1996
Fairfax County Government Center
Fairfax, Virginia**

HOSTED BY THE FAIRFAX COUNTY DEPARTMENT OF INFORMATION TECHNOLOGY

Workshops for Monday 12/16/96

Morning Sessions:

Introduction to ARCVIEW 3 and Spatial Analyst Applications.

This in-depth seminar will introduce new users to the basic functionality of ARCVIEW 3. You will learn how to input, manage, analyze, and display results of geographic data with ARCVIEW 3 to make decisions that will make your organization more successful. This overview of Desktop GIS functionality will be followed by examples of spatial data analysis using the new SPATIAL ANALYSIS extension available in ARCVIEW 3 for easy manipulation and analysis(modeling) of spatial data in either a gridded (raster/image) format, such as elevation, slope, temperature, or vector format, such as streets, land use, political boundaries, etc.

Introduction to ARCVIEW 3 and Network Analyst Applications.

Conducted by Bill Ehrhardt, ESRI

This in-depth seminar will introduce new users to the basic functionality of ARCVIEW 3. You will learn how to input, manage, analyze, and display results of geographic data with ARCVIEW 3 to make decisions that will make your organization more successful. This overview of Desktop GIS functionality will be followed by examples of spatial data analysis using the new NETWORK ANALYST extension available in ARCVIEW 3 for easy manipulation and analysis(modclng) of spatial data used in transportation routing applications and site location analysis such as shortest route for delivery of products/services, or how many customers are located within a certain drive time of store.

LUNCH 12:30 to 1:30

Afternoon Sessions:

Introduction to AVENUE

Conducted by Trent Phillips and Tosia Szczesny, ESRI

This seminar will introduce the desktop GIS user to ARCVIEW 3's customization techniques using AVENUE an object oriented programming language. The easy to use development interface provided by ARCVIEW to develop custom user interfaces for specific applications will be demonstrated. Also use of the interactive graphical user interface (GUI) editor will be demonstrated that allows immediate customizing of the ARCVIEW interface by each user, and/or for specific projects developed by each user.

What's New in ARC/INFO 7.1

Conducted by Patrick Showalter, ESRI

This seminar will illustrate new functionality introduced or improved in the ARC/INFO 7.1 release. An overview of important changes in each ARC module will be discussed and illustrated. Changes in ARCTOOLS, ARCCRESS, data conversion support, image support, 3-D views generation, and requirements for running ARC/INFO 7.1 on NT will be covered based on time and interest.

**National Capital Area ARC/INFO User Group
1996 Annual Conference
Presentation Program**

Tuesday December 17, 1996

8:00 - 9:00 am **REGISTRATION**
 9:00 - 9:30 **OPENING REMARKS - Board Room**
 9:30 - 10:15 **KEYNOTE SPEAKER - Thomas Kalil, Senior Director of Science and Technology
 Office in the National Economic Council of the White House "President's Technology
 Policies for the Next Four Years"**
 10:15 - 10:30 **Break**
 10:30 - 11:30 **What's New at ESRI with Rich Turner, Product Manager for ARCVIEW**
 11:30 - 12:00 noon **NCAAUG General Meeting**
 12:00 - 1:30 pm **Lunch - Fairfax County Government Center Cafeteria**
 12:00 - 6:00 **Vendor Exhibits Room 4-5
 ESRI Doctor's Office Room 6**
 4:00 - 5:30 **Poster Session**
 4:30 - 6:30 **Reception/ Social**

Starting at	Enterprise Solutions Room 2-3	Applications Room 9-10	Management Room 8
1:30 pm	Tom Hewlette ESRI Spatial data access for the Internet.	Scott Shipley Hughes STX Rapid Integration of COTS GIS for Interactive Weather Processing.	Holly Butler ESRI Managing a GIS, Frequently Asked Questions. Role of Washington, DC Office.
2:30 pm	CJ Cote ESRI AtlasGIS, the Newest GIS Product in the ESRI family.	Dave Wrazien ESRI Introducing Map Objects.	Rebecca Somers Somers-St. Claire Managing GIS Project Transitions.
3:30 pm	Douglas Garnett-Deakin Draper Aden Environmental Modeling Inc. GIS Mapping via the Internet.	Xiaoyi Zhang Dewberry & Davis Hurricane Fran Disaster Response (GPS/GIS). David Maune PhD; Ray Summerell Dewberry & Davis GPS/GIS Elevation Surveys - A Key to Floodplain Management.	Ellen Reitkopp Management Recruiters of McLean, Inc. The "State of the Art" Job Search, What it Takes in a Maturing GIS Industry.

WED. December 18, 1996	Enterprise Solutions Room 2-3	Applications Room 9-10	Management Room 4
9:00 am	Priti Mather, Sylvest Jenny Morrill, ESRI What is new in ArcView 3.	Mike Lettre Maryland Office of Planning MD Property View.	Karen DeVoto & Chuck Maxa Chemonics International GIS In International Development: Applications and Challenges.
10:00 am	Myles Powers Michael Baker Corp. GIS Demonstration Project in Russia.	Harry D. Poulter, P.E. Camp Dresser & McKee Use of ArcView and Avenue Streamlines Stormwater Utility Impervious Area Calculations.	Vince Angelo ESRI Behind the Curtain: Computer Architecture & GIS.
11:00 am	Adil ElHaimus, PhD; Mark Toloczko; Richard Moore USGS Converting USGS data for use with ArcView & ARC/INFO.	Amy Purves P.E. PlanGraphics Inc. Requirements for a Casual User Application, or Is ArcView Casual Enough? Bill Press PlanGraphics Inc Development of a GIS Prototype for Basemap and Land Records Maintenance in Oman.	Jim Peroutky ESRI ARC/INFO 7.1 3-D View Enhancements. Mary Smith & Trent Philips ESRI Military Data Formats supported by ESRI products.
12:00	LUNCH - Cafeteria		
1:30	Tour of Fairfax County GIS	and Mapping Facility	
1:30 pm	Paul Baynham ESRI Building Internet Applications Using ESRI Products.	Yasmin Anderson; George Panor; Ferhan Kilical Maryland-National Capital Park and Planning Park and Recreation Resource Inventory - Development of a Desktop GIS Application.	Neil Hohmann GIS USA Toward a More Perfect Application Software.
2:30 pm	Margaret Hunter; Dennis Smith ESRI ArcView CAD Reader Extension - What is ArcView 3 Spatial Analyst Extension.	Marina Havan-Orumieh PlanGraphics Inc Reengineering Land Records Process. Bart Guetti PlanGraphics Inc Weathering the Storm (Experiences with ArcStorm).	Kamau Njuguna; Brooks E. Kelly Michael Baker Corp. & Innovative System Developers Marketing Flood Insurance Using ArcView 3.

3:30

CLOSING SESSION - ESRI Questions, Elections, Door Prizes - Board Room