



**Book this date and Register for:**

## *“Best Practices for Developing Geographic Information Models”*

A Full Day URISA Certified Workshop  
Presented by the Northern California (NORCAL) Chapter  
of the  
Urban and Regional Information Systems Association

**When:** September 12, 2006 8:30 am – 4:30 pm

**Where:** Federal Building

2800 Cottage Way, Cafeteria Conf Rooms C1001 & C1002  
Sacramento, California **FREE PARKING!**

### **Workshop Description:**

This workshop shows how you can build on your existing data and skills to take advantage of the latest generation of GIS tools and practices for database design. Specific topics include:

- Fundamental concepts of object-relational databases and database management systems
- The key phases in iterative database design
- Developing use cases, and conceptual, logical, and physical information models
- Using data model templates to build on your existing data sources
- Understanding the relationships between your map layers and geographic database objects

Exercises include developing conceptual and logical data models, and are based on actual case studies from Baltimore County. Through these exercises and case studies of successful and effective systems, you will gain a better understanding of the issues you can face, as well as the tools and processes you can apply, in developing many other kinds of systems. This workshop will benefit anyone who is looking at implementing geodatabases. No programming experience is required. Attendees earn 0.2 Student Activity Hours (SAH)

**Instructor:** Dr. David K. Arctur has a BS and MS in Electrical Engineering (University of Texas) and a PhD in Urban and Regional Planning (University of Florida). His background includes over 10 years in database application design and development (including 6 years with ESRI) and he has developed and conducted numerous seminars in object-oriented GIS technology and data modeling for industry conferences since 1996. This workshop has been updated and includes a workshop booklet. Attendees will also receive a copy of Dr. Arctur's book "Designing Geodatabases: Case Studies in GIS Data Modeling".

**Cost:** CHAPTER MEMBERS FREE!! Non-members pay \$50 - or save \$\$\$ by becoming a Chapter member – annual membership fees are: \$40 individual, \$20 student, \$150 corporate (up to 5 employees) **Pre-registration is encouraged** as the number of books available for distribution on the day of the workshop will be based on pre-registrations. Registration form and instructions are on our website <http://www.norcalurisa.org>

For more information about this event or membership in the NORCAL Chapter, contact David Hansen (phone 916.978.5268 email [dhansen@mp.usbr.gov](mailto:dhansen@mp.usbr.gov)) or visit our website

<http://www.norcalurisa.org>. **A special thanks goes to ESRI for providing funds to help support this workshop!!**



ESRI and Intermap are proud sponsors of the NORCAL Chapter

