

# **SAN DIEGO REGION GIS COORDINATORS' GROUP**

## **MINUTES**

### **April 12, 2000**

#### **1. WELCOME AND INTRODUCTIONS**

George Silva with the Sweetwater Authority welcomed the group to the second meeting of the year. Representatives present at this meeting included staff from the cities of Carlsbad, Chula Vista, Coronado, Del Mar, Encinitas, Escondido, La Mesa, San Marcos and the County of San Diego. Other agencies in attendance were San Diego County Water Authority, San Diego Unified Port District, Sweetwater Authority, SanGIS, SANDAG and VWD, VID, VCMWD and Santa Fe Water Districts.

#### **2. GEONEWS**

##### **CGIA NEWS**

Fred Wong (San Diego County Water Authority) distributed the list of CGIA Board members. He also informed the group about the winners of the CGIA GIS Achievement Awards that were announced at the recent CalGIS Conference in Palm Springs and distributed information about the award winners. These included:

1. Chairman's Award - Outstanding Achievement in GIS - Bob Parrott
2. Exemplary System Award - Outstanding Application of GIS - SANDAG Habitat Tracking
3. Exemplary Data Sharing Award - Outstanding Contribution to the Advancement of Data Sharing - USGS National Mapping Program - Western Region and the Calaveras Council of Governments
4. Exemplary Internet Web Site Award - Outstanding GIS Related Internet Web Site - SANDAG
5. Excellence in Education Award - San Francisco State University and the University of California, Riverside Extension

Fred also informed us that the CGIA Web Site <http://www.cgia.org/> has been updated.

##### **ESRI User Conference Host Committee**

Steve Kunkel of SANDAG reminded everyone of the upcoming Twentieth Annual ESRI International User Conference to be held at the Convention Center June 26-30.

Volunteers from both the public and private sectors throughout the San Diego Region will be staffing the Host Committee Booth in the hallway outside of the Map Gallery during the Monday Evening Social and also during much of the day on Tuesday and Wednesday. We will also be holding the San Diego Region Geography Showcase map competition in conjunction with the ESRI Map Gallery. To participate in the Showcase, register your poster through the ESRI Conference Web page and specify that your poster

will be in the San Diego Neighborhood. Geography Showcase awards will be presented during a special joint URISA/San Diego ArcInfo Users lunch-time meeting on Tuesday, June 27<sup>th</sup>. Watch your email for more information about the Showcase. You can learn more about the local activities at the Host Committee Web page <http://www.sandag.cog.ca.us/sdhost/>.

### **San Diego Regional Imagery**

Steve Kunkel (SANDAG) gave a brief update on the effort to acquire 2000 digital imagery for the San Diego region. In February SANDAG issued an RFP to have a consulting firm prepare geocoded and rectified digital imagery roughly corresponding to the Census 2000 April 1<sup>st</sup> date. Proposals were received from 10 organizations that were reviewed by a team consisting of Doug Stow (SDSU Geography Department), Matt Brown (City of Encinitas), Gabriela Coverdale (City of San Diego), Steve Kunkel (SANDAG) and Sue Carnevale (SANDAG). Based on the proposals and sample digital imagery provided, the proposal review team recommended that SANDAG, on behalf of a local agency partnership, enter into contract negotiations with 3Di, LLC.

The proposals contained a wide range of image products and costs. Proposals with the highest costs were ones that proposed using the Ikonos Carterra Pro 1m fused satellite imagery and were close to \$300,000. Lower-cost solutions, in the \$45,000 to \$60,000 range, proposed imagery with less positional accuracy, either no or proprietary compression formats, and less than full regional coverage. In addition, many of these solutions had limitations on the distribution of the imagery, offered proprietary viewers that are only compatible with PC platforms (no Unix support) and provided image products that would not directly integrate with ArcInfo and ArcView.

3Di, LLC proposes to create 2-foot resolution imagery, which was the best resolution offered by any firm. For a cost of \$111,662 the imagery will be false color infrared and will be rectified to meet National Map Accuracy Standards for 1:12,000 scale. The rectification process will use 1996/1997 DOQQs as ground control and 10-meter DEMs for elevation control. The sample digital image provided by 3Di, LLC had excellent clarity and positional accuracy. It aligned well with the SanGIS roads and 1992 City of San Diego imagery. In addition, the image products offered by 3Di, LLC will be MrSid compressed and will be delivered approximately 7 months after the flight date. The imagery will be directly compatible with ArcInfo and ArcView and will not be subject to any distribution or licensing restrictions. In summary, the review committee felt that the proposed imagery from 3Di, LLC offers an excellent product for a very reasonable cost.

SANDAG is once again looking for partners to fund this project. Although we realize that this current proposed regional product does not meet the desired resolution of many local cities and water agencies, it is the most cost-effective regional solution at the current time. Once this contract is underway we want to re-group to discuss the structure of the imagery consortium and ways to obtain more detailed imagery for the region. If your agency can provide funding for the partnership or if you have questions about the proposed image product, contact Sue Carnevale at 619-595-5381 or [sca@sandag.cog.ca.us](mailto:sca@sandag.cog.ca.us).

## **ArcInfo 8 Training in San Diego**

George Silva of the Sweetwater Authority announced that there will be two ArcInfo 8 Training courses held in June at SDSU. These are:

What's New in ArcInfo 8, June 5-8,2000 for \$990/person

Introduction to ArcInfo 8, June 12-16,2000 for \$1,220/person

The What's New course is designed for the person already fluent in the use of ArcInfo 7. George estimated that the costs are probably about ½ of what you would pay for training in Redlands if you account for the travel and motel costs. The capacity for each course is 17 students, with five being held for SDSU staff/students so there are openings for 12. The Sweetwater Authority, County Water Authority and City of Chula Vista will have first priority for the training, but there may be openings for more students. Contact George Silva at (619) 420-1413 or [gsilva@sweetwater.org](mailto:gsilva@sweetwater.org) if you are interested in enrolling.

### **3. SanGIS County-wide Landbase product – Lisa Stapleton**

Lisa gave a presentation about SanGIS including their history, mission, goals, administrative organization and services. Their newest product is a group of 3 CDs containing roads, parcels, survey control, municipal boundaries and lakes and rivers that will become available on July 1st. The CDs are split into North, South and East County areas and arranged so that current subscribers will only need to purchase one CD. The CDs will contain shape files deliverable quarterly for an annual subscription of \$5,000 per CD for the North and South CDs and \$2,500 for the East CD for public agencies. There will be a discount if an agency purchases two or all three of the CDs. This product will simplify the administration of data services for SanGIS and reduce the cost for most current subscribers. In addition, all current subscribers will receive data for larger areas beyond their own jurisdictional boundaries.

### **4. SANDAG – GIS for Local Agencies project – John Hofmockel**

John demonstrated SANDAG's newest concept for distributing its Regional Information System data to its member agencies. The primary data in the system includes SANDAG's Master Geographic Reference File (MGRF) system boundaries (sub-census block areas) in shape file format with demographic information attached. This information includes 1990 Census, current population and housing unit estimates and 2020 Regional Growth Forecast data. SANDAG's public land ownership, land-use and planned land-use data are also included. The data will be packaged in either ArcView project or ArcExplorer applications depending upon whether the member agency holds an ArcView license. Two data versions will also be distributed. Agencies that subscribe to SanGIS data will receive the MGRF boundaries and land-use data that are built on the SanGIS Landbase. Agencies that do not subscribe to SanGIS data will receive census block boundaries built on the old DIME-file alignments and other data that is currently on SANDAG's web site.

## **5. Tour of the Richard A. Reynolds Groundwater Demineralization Facility**

This recently completed facility uses reverse-osmosis treatment to remove dissolved salts and other microscopic particles from well water pumped from the San Diego Formation. It has the capacity to add 4 million gallons per day of drinking water for the needs of the Sweetwater Authority customers. Two reservoirs on the Sweetwater River combined with the groundwater supplies allows the Authority to meet 70% of their demand from local supplies. A planned second phase will increase production to 8 mgd, raising local supplies to 90% of demand.

**Attachment 3.**

Attendees at April 12<sup>th</sup>, 2000 San Diego Region GIS Coordinators Group meeting

Name	Agency	Telephone Number	E-mail
Tim Craig	ESRI	760-739-8815	Tcraig@esri.com
Guillermo Preciao	Santa Fe	858-756-2237x31	
Nancy Hickman	VID	760-806-3108	Nhickman@vid-h2o.org
Laura Edwards	SDCWA	619-682-4254	Ledwards@sdcwa.org
Tom Meyerholtz	VID	760-806-3183	Tmeyerholtz@vid-h2o.org
Peter Fait	City of Coronado	619-522-7326	Pfait@coronado.ca.us
Shannon Turek	SDCWA	619-682-4254	Sturek@sdcwa.org
Fred Wong	SDCWA	619-683-8665	Fwong@sdcwa.org
Dan Hildebrand	SDCWA	619-682-4119	Dhildebrand@sdcwa.org
Lisa Lubeley	City of Escondido	760-839-4033	Llubeley@ci.escondido.ca.us
Hector Martinez	Sweetwater Authority	619-422-8395x613	Hmartinez@sweetwater.org
Trish Garcia	VCMWD	760-749-1603x262	Trish@vcmwd.org
Jane Olson	Sweetwater Authority	619-422-8395x613	
Paul Cosmano	VWD	760-744-0460	Vwdpc@cts.com
Kathy Feilen	City of La Mesa	619-667-1144	Kfeilen@ci.lamesa.ca.us
Steve Kunkel	SANDAG	619-595-5318	Sku@sandag.cog.ca.us
Gena Franco	City of San Marcos	760-744-1050x3235	Gfranco@ci.san-marcos.ca.us
Matt Brown	City of Encinitas	760-633-2665	Mbrown@ci.encinitas.ca.us
Malcolm Meikle	SD Unified Port Dist	619-686-6537	Mmeikle@portofsandiego.org
Garret Hollarn	SDUPD- Airport Noise	619-686-8110	Ghollarn@portofsandiego.org
Tom McDowell	City of Chula Vista	619-476-5339	Tmcdowell@ci.chula-vista.ca.us
Karl von Schlieder	City of Carlsbad	760-602-2434	Kvons@ci.carlsbad.ca.us
Bob Canepa	County of San Diego	858-694-2826	Lcanepw@co.sandiego.ca.us
Rob Winslow	County of San Diego	858-694-3295	
Dan Henderson	County of San Diego	858-694-3659	
Ross Martin	County of San Diego	858-694-2783	
Steve McCarthy	SanGIS	619-702-0412	Smccarthy@sangis.org
George Silva	Sweetwater Authority	619-420-1413	gsilva@sweetwater.org
Lisa Stapleton	SanGIS	619-702-0404	lds@citymgr.sannet.gov
John Hofmockel	SANDAG	619-595-5386	jho@sandag.cog.ca.us
Mary Jo Wilson	City of Del Mar	858-755-9313	