

**LOCAL AGENCY GIS GROUP
MINUTES
April 1, 1998**

1. Welcome and Introductions

Joey Perry, as Chairperson, welcomed the group for the second quarterly meeting of 1998. Introductions were conducted and a list of members that attended is attached. The cities of Encinitas, Lemon Grove, National City and San Diego were in attendance. In addition, the Port of San Diego, San Diego County Water Authority, Vista Irrigation District, the County of San Diego, SanGIS and SANDAG were present.

2. 1998 Co-Chairperson

Joey Perry, as the current chairperson, announced that Matt Brown of the City of Encinitas has volunteered for the co-chairperson position for 1998. Joey and Matt will help plan the future meeting presentations and would appreciate your input. Feel free to call Joey (619-235-5216) or Matt (760-632-2665) with suggestions.

3. GEONEWS

FGDC Framework Data

Bob Parrott (SANDAG) explained that the FGDC was established to coordinate GIS efforts among various departments at the federal level. The main efforts of the FGDC are to facilitate the National Spatial Data Infrastructure and to develop framework data. Bob handed out a Framework Data document and explained that there are 7 basic types of framework data that include Elevation/Bathymetry, Hydrography, Geodetic Control, Cadastral, Transportation, Governmental Units and Orthoimagery. The idea is to build the framework data from the local level up to the federal level. The document explains the benefits, components and organization of framework data. The document also includes how to get started and ongoing development.

DOQQ Partnerships

Bob Parrott informed the group about the black/white DOQQ RFP that went out to produce several user-friendly end products for the 30 partners. Consultants were hired to deliver a Mr. SID interface to the data as an ArcView extension. The consultants are 3 ½ months late on the deliverables. However, the end product will be delivered on 3 CDs and there will be a future workshop to show the partners how to use the data interface.

Bob also discussed the Color IR DOQQ partnership, which is currently being formed. Bob would like to have a mechanism in place to develop the value-added easy display end products for the Color IR DOQQs before the raw DOQQ products are available from USGS. This is quite challenging, considering the data will be about 54 gig, which is three times as large as the black/white DOQQs. There is potential for the San Diego Super Computer to be involved.

CGIA Metadata Catalog

Bob explained that the CGIA has a web page at www.cgia.org and that the geospatial metadata catalog resides there. The catalog is an on-line resource that lists GIS metadata that is available in California. Producers of GIS data can enter their metadata right on the web. SANDAG has documented data in the catalog. Steve Kunkel of SANDAG is going to investigate how to incorporate existing digital metadata into the catalog without retyping it on the web. Everyone was encouraged to establish a catalog for their agencies' data. If you don't have internal agency metadata, this is a good way to get your data documented in a systematic manner.

ESRI Conference Planning

Bob Parrott (SANDAG) explained that the San Diego GIS Community is taking an active role in this year's ESRI User conference in July, and will have a booth at the Map Gallery. A planning committee has begun to meet to plan the events during the conference. Joey Perry will represent the Local Agency GIS Group on the committee. Other representatives will come from government, education and private sectors and the current President of URISA. San Diego poster entries to ESRI's contest will be gathered in one area (mark San Diego poster in the comment field of ESRI's entry form). Posters about the San Diego/Tijuana area not entered in ESRI's contest can be entered into the San Diego Geography Showcase contest (all entries should be from ESRI products). Showcase awards will be presented at a joint URISA/San Diego Regional Arc/View Users Meeting during the conference. Winning posters will be on display at the City and County Administration Centers following the conference. Fred Wong is in charge of getting individuals to demo ArcView and MapObjects applications during the conference. Please contact Fred at (619) 686-8665 if you or someone you know may be interested. VIP Passes were a success last year in educating management/administrative staff about GIS capabilities and will be utilized again this year.

4. Other General Announcements

Lisa Stapleton announced that SANGIS would hold an Open House in the near future. They do have a public access PC in the office that has ArcView loaded in order to view SANGIS data. They have had several map purchases from the new offices and have prepared a standard map list with prices.

Mike Binge of the County of San Diego and Lisa Stapleton of SANGIS are working on a procedure to update FEMA floodplain data between the Major 5 year releases.

Bob Parrott explained the 5th Thursday Group (RIG) has been reconvened. This group is concerned with coordinating the producers of all forms of data in the region. Karen Lamphere of SANDAG is heading up the group, as SANDAG is the Census Data Center for San Diego.

Bob Parrott mentioned that Lynn Christenson of SDSU is coordinating a data partnership for digitizing archaeological data for the San Diego region. The detailed data will not be available to everyone due to the sensitivity of the locational data. However, a system would be designed that would red flag projects when potential work is sought for areas with sensitive archaeological resources. Perhaps integration with local jurisdiction permitting processes would be useful. Bob has drafts of white papers. It is estimated that funds of \$100,000 would be required to complete this project. For more information, please contact Bob Parrott at (619) 595-5328.

5. SLUC Subcommittee Report

Lisa Lubeley (SANDAG) presented a status report for the Standard Land Use Code (SLUC) Subcommittee. She discussed the efforts to compile a new regional standard land use code for San Diego. She explained that the subcommittee has been meeting every two or three weeks to discuss the second and third level classifications. The meeting announcements are updated on the URISA web page with the specific topics to be discussed. The group expects to be completed with the first draft by the fall and hopes to have a final classification system in place by early 1999.

6. City of San Diego Ocean Monitoring System

Lori Vereker, Bin-Bin Shang and Diane O'Donahue gave a presentation on the City of San Diego's Ocean Monitoring System. They explained that their main task is to monitor the Point Loma ocean sewer outfall that resides 2.5 miles off shore. In 1993 they extended the outfall to 5 mile off shore. In 1994 they became part of a regional monitoring system that extended from Mexico to Santa Barbara. They have contracts with several agencies including the EPA, U.S. Navy and the Water Quality Control Board. Their main task was to document the effects of the sewer discharge on the water based on indicator organisms.

Bin-Bin Shang explained how and why they used GIS for their system. GIS was chosen because they needed analytical integration, 3D modeling and spatial visualization. The original equipment was PC on Novell Network, Oracle and SAS, which had no integration. Intergraph was chosen as the GIS software because of its 3D volumetric modeling product that was a stand-alone product, its direct interface with Oracle, high performance hardware/software, and innovation of product and the quality technical support available.

The basemap included a coastline, sewer outfall, sampling locations and depth of ocean floor. Sampling data was collected daily and fed directly into the Oracle database. The marine biologists found the GIS to be quite successful in mapping and displaying the 3D data easily and allowing useful analysis for the complicated data.