

Regional GIS Metadata Working Group

Thursday, September 25, 2014

2:30 pm – 3:30 pm

SANDAG Conference Room 8E (Training Room)

Attendees:

John Hofmockel (SANDAG)

Brad Lind (SanGIS)

Louise Wedley (SanGIS)

Melanie Casey (County of San Diego)

Scott Daescher (City of San Diego)

Martie Clemons (City of Carlsbad)

David Young (City of Carlsbad)

Harry Johnson (SDSU)

Lorenda Lee (City of Chula Vista)

Pat Landrum (SANDAG)

Agenda

0. Smurf Cupcakes
1. Metadata Documents Announcement Recap
2. Implementation Status
3. Publication Stylesheet Review
4. SDRGC Meeting Oct 8

We celebrated the completion and announcement of the “recommended minimum metadata requirements for the San Diego region” with balloons and Smurf cupcakes (Thanks Brad). Woo-hoo!

Announcements went out August 26<sup>th</sup> via e-mail from Brad (SanGIS Executive Director) and Grace Chung (San Diego Regional GIS Council President). Brad stated that there has not been any feedback from the announcement and postings.

We went around the room and briefly described “Metadata Status” for our agency.

Brad - SanGIS is in the process of implementing the standard. We are working on getting the metadata updated for all SanGIS-maintained layers first. Once that is complete we will be reviewing the layers we warehouse from other agencies and start asking for updates. We hope to have all SanGIS layer metadata complete by the end of the calendar year.

Lorenda - Chula Vista Previously completed metadata for all of its enterprise geodatabase layers. Over time, gaps have developed due to changes and additions to the datasets, or differences between the current template and the choices we made with the previous FGDC template. Almost all of our layers will need attention of some kind, and 20% need a complete overhaul. Responsibility for our layers is divided equally between four staff members. Editing will commence within the next few days as the documentation is completed. I will propose a deadline for completion of sometime in December.

Currently we plan to update the metadata so that we can use the search services in ArcGIS. This means also creating descriptions on map documents, tables, views, and more.

John – Any layers for the Regional Data Warehouse will comply with the standards. In-house, within a couple months we will update layers after installation of new server.

Melanie - LUEG-GIS is about 20% complete with our metadata update effort. That being said, there are other departments within the County that will have to update their metadata as well, and we have not taken those into account. We're the guinea pigs.

Scott - COSD has socialized the change and are formalizing expectations and milestones. We are also mandating additional metadata to be captured and updated moving forward.

Harry - Metadata implementation is virtually nonexistent at SDSU. We generally do ad-hoc projects and the project managers don't emphasize metadata. Classes don't emphasize the creation of metadata, though they do mention reading metadata to understand the data.

Martie - The City of Carlsbad is grateful to have a framework/process to follow for the creation of metadata for our data layers, courtesy of you all. We will present the process to Karl this week and begin creating metadata for planning layers between now and the end of the year, then will continue in 2015 to finish metadata for all critical layers.

John presented the Beta version of the Publication Stylesheet. Earlier in the week he sent out the stylesheet files for review. Both Louise and Martie installed the files and then tested the stylesheet with their local data. Please see the end of these minutes for the SANDAG Land use example. We discussed several fixes and issues. The main problem now is formatting text. For Description and Credits, need to preserve paragraphing. For Field Attributes, need to list rather than wrap text. Below is list of issues:

Publication Stylesheet Issues already addressed just before Aug 21 meeting:

1. Logos - Removed
2. Missing Distributor Contact - Added
3. Missing Distribution Ordering Instructions - Added
4. Missing Online Resource Description - Added
5. Address Type – This is purposely not included
6. Spatial Reference System - Added
7. Headers – Colored and different sizes
8. Indented text for readability

Publication Style issues:

9. Thumbnail (not preserved in PDF) – The “fix” is to get appropriate print driver
10. Tags (only one displayed) – Fixed. Now multiple tags display
11. Description (HTML style tags incorrectly display) – Partly fixed. HTML tags fixed, but text now displays as big blob without any paragraphing
12. Use Limitation – See Description
13. Topic Categories (only one displayed) – Fixed
14. Field Attributes (only one displayed) – Partly fixed. Multiple fields display, but Definition displays as wrapped text rather than a list

15. Stylesheet header – Should we have something in small lettering across the top (e.g. “Regional GIS Data Warehouse”)?

The consensus is no. The footer of “Regional GIS Data Warehouse (RGDW) Publication Stylesheet ~~Beta~~ 1.0” is sufficient

16. ArcCatalog Metadata Editor highlights Required Fields – I know I could modify, but not sure if I have time

The group agrees not at this time.

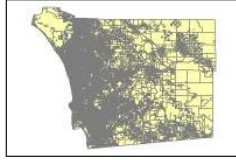
John will give a brief Metadata Status Report at the October 9<sup>th</sup> San Diego Regional GIS Council (SDRGC) Meeting.

Next Metadata Working Group meeting December 11 at SANDAG.



Publication Style sample below:

# LANDUSE\_SG



**Tags:** land use, landuse

## Summary (Purpose):

Existing land use. Used for mapping and analysis. Used for base year of the SANDAG Regional Growth Forecasts.

## Description:

SANDAG's Land Layers are created for use in the Regional Growth Forecast to distribute projected growth for the San Diego region to suitable subareas. These land layers include existing land use, planned land use, land ownership, land available for development, and lands available for redevelopment and infill. The land layers inventory is updated when new information is available. Many of these data sets are built from the San Diego Geographic Information Source (SanGIS) landbase. The land use information has been updated continuously since 2000 using aerial photography, the County Assessor Master Property Records file, and other ancillary information. The land use information was reviewed by each of the local jurisdictions and the County of San Diego to ensure its accuracy. Although this inventory contains more categorical detail and has better positional accuracy than previous land use inventories, users should be aware that this data may be too generalized for some local planning projects. Since each General Plan/Community Plan Land Use Elements have their own individualized way of categorizing their future land use designations, an aggregate planned land use code was devised (PLU). Each General Plan/Community Plan land use designation was cross-walked to a SANDAG PLU code. Adjacent parcel polygons with the same land use have been aggregated (dissolved) into a single feature.

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**Feature Type:** Polygon

**Number of Records:** 82867

**Publication Date:** 2014-08-13

**Date of Data (Temporal Period Extent):** 2013-01-01

## Credits:

SANDAG Land Layers Inventory. Mapping Source: SanGIS landbase (i.e. parcels), SANDAG, County Assessor's Master Property Records file, Cleveland National Forest, Bureau of Land Management (BLM), State Parks, other public agency contacts, and local agency review.

## Use Limitation:

Do not redistribute without the written permission of SANDAG.

## Extent

**Extent Description:** San Diego region

**West:** -117.7

**East:** -116.0

**North:** 33.6

**South:** 32.4

**Extent in the item's coordinate system:**

**West:** 6150763.738000

**East:** 6613437.000000

**North:** 2129760.000000

**South:** 1775304.094000

## Topics and Keywords

Topic Categories:

Theme Keywords: land use, landuse

Place Keywords: San Diego, San Diego region, San Diego County

## Resource Details:

Status: Completed

Type: Vector

Update Frequency: Not specified

Next Update:

## Spatial Reference System:

Type: Projected

Geographic Coordinate Reference: GCS\_North\_American\_1983

Projection: NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet

Reference System Identifier: 2230

Codespace: EPSG

Version: 8.2.6

## Contacts:

### Point of Contact

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### Distributor

SANDAG  
401 B Street  
San Diego, CA. 92101

gismaster@sandag.org  
(619) 699-1900

## Distribution Ordering Instructions:

## Online Ordering Description:

## Fields:

Overview:

Citation:

### **OBJECTID (OID)**

Definition: Internal feature number.

### **Shape (Geometry)**

Definition: Feature geometry.

### **lu (SmallInteger)**

Definition: Land use code LU, LANDUSE 1000, Spaced Rural Residential 1100, Single Family Residential 1110, Single Family Detached 1120, Single Family Multiple-Units 1190, Single Family Residential Without Units 1200, Multi-Family Residential 1280, Single Room Occupancy Units (SRO's) 1290, Multi-Family Residential Without Units 1300, Mobile Home Park 1400, Group Quarters 1401, Jail/Prison 1402, Dormitory 1403, Military Barracks 1404, Monastery 1409, Other Group Quarters Facility 1500, Hotel/Motel/Resort 1501, Hotel/Motel (Low-Rise) 1502, Hotel/Motel (High-Rise) 1503, Resort 2001, Heavy Industry 2100, Light Industry 2101, Industrial Park 2103, Light Industry - General 2104, Warehousing 2105, Public Storage 2201, Extractive Industry 2301, Junkyard/Dump/Landfill 4100, Airports 4101, Commercial Airport 4102, Military

Airport 4103,General Aviation Airport 4104,Airstrip 4110,Other Transportation 4111,Rail Station/Transit Center 4112,Freeway 4113,Communications and Utilities 4114,Parking Lot - Surface 4115,Parking Lot - Structure 4116,Park and Ride Lot 4117,Railroad Right of Way 4118,Road Right of Way 4119,Other Transportation 4120,Marine Terminal 5000,Commercial 5001,Wholesale Trade 5002,Regional Shopping Center 5003,Community Shopping Center 5004,Neighborhood Shopping Center 5005,Specialty Commercial 5006,Automobile Dealership 5007,Arterial Commercial 5008,Service Station 5009,Other Retail Trade and Strip 6000,Office 6001,Office (High-Rise) 6002,Office (Low-Rise) 6003,Government Office/Civic Center 6100,Public Services 6101,Cemetery 6102,Religious Facility 6103,Library 6104,Post Office 6105,Fire/Police Station 6108,Mission 6109,Other Public Services 6500,Hospitals 6501,UCSD/VA Hospital/Balboa Hospital 6502,Hospital - General 6509,Other Health Care 6700,Military Use 6701,Military Use 6702,Military Training 6703,Weapons Facility 6800,Schools 6801,SDSU/CSU San Marcos/UCSD 6802,Other University or College 6803,Junior College 6804,Senior High School 6805,Junior High School or Middle School 6806,Elementary School 6807,School District Office 6809,Other School 7200,Commercial Recreation 7201,Tourist Attraction 7202,Stadium/Arena 7203,Racetrack 7204,Golf Course 7205,Golf Course Clubhouse 7206,Convention Center 7207,Marina 7208,Olympic Training Center 7209,Casino 7210,Other Recreation - High 7211,Other Recreation - Low 7600,Parks 7601,Park - Active 7603,Open Space Park or Preserve 7604,Beach - Active 7605,Beach - Passive 7606,Landscape Open Space 7607,Residential Recreation 7609,Undevelopable Natural Area 8000,Agriculture 8001,Orchard or Vineyard 8002,Intensive Agriculture 8003,Field Crops 9101,Vacant and Undeveloped Land 9200,Water 9201,Bay or Lagoon 9202,Lake/Reservoir/Large Pond 9300,Indian Reservation 9400,Public/Semi-Public 9500,Under Construction 9501,Residential Under Construction 9502,Commercial Under Construction 9503,Industrial Under Construction 9504,Office Under Construction 9505,School Under Construction 9506,Road Under Construction 9507,Freeway Under Construction 9600,Specific Plan Areas 9700,Mixed Use

**landuse (String)**

Definition: Land use description

**Shape\_Length (Double)**

Definition: Length of feature in internal units.

**Shape\_Area (Double)**

Definition: Area of feature in internal units squared.

**Metadata Last Update:** 20140813