

**South Bay Cities Council of Governments  
GIS Working Group Meeting  
City of Redondo Beach  
Wednesday, August 14, 2013 at 10:30 am**

**Agenda**

**Introductions and Sign-in**

Attendees: Sunny Lai (Torrance), Mike Sumich (ESRI), Harry Moore (ESRI), Sonali Tambe (Hermosa Beach, Chair), Ryan Tucker (Redondo Beach), Mike McDaniel (El Segundo), Bonnie Shrewsbury (Manhattan Beach) Rosemary Lackow (note taker, SBCCOG)

**June Meeting Notes** – Approved, no changes.

**Discussion Items:**

**1. Recap of ESRI conference**

Comments regarding the conference were: Banners for the map panels prepared by Inglewood were very well received; the Story Map presentations and workshops were excellent; and the presentation by the Boyle Heights High School students supported by the i.am.angel Foundation (founded by Will i.am.) was impressive.

**2. SCAG map book presentation – Jung H. Seo**

Mr. Seo distributed the SCAG Map Books to each of the city representatives present, and explained the role of the maps in the development of the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). The GIS map categories included in the Map Book are: Land Use, Resource Areas & Farmland, Transit Priority Projects, and Geographical Boundaries. This mapping effort spearheaded by SCAG is to meet the requirements of state law (SB 375) which calls for the integration of transportation, land use, housing, planning and greenhouse gas reduction.

SCAG is working with a total of 197 different jurisdictions, and started this effort in March, 2013 when it communicated with city GIS staff, starting with a request for shapefiles. Mr. Seo applauded the South Bay sub region in that it has the highest percentage of all SCAG's sub regions in providing the requested GIS data.

The maps provided at this meeting represent Phase I, and last week an email was sent to all the city planning directors, requesting further information and data no later than September 13<sup>th</sup>. That email also contains SCAG's ftp site address.

SCAG has developed a conversion table that shows how to convert city land use codes to SCAGs codes. Mr. Seo directed any questions that the cities may have to SCAG.

Mr. Seo responded to a number of questions as follows:

- The best way to get information to SCAG is to update data on a shapefile and upload the file to SCAG's ftp site (ftp site was included in the email sent to the cities).
- SCAG generated the land use data on a parcel specific basis from the LA County Assessor's Office and will likely not reflect land use splits within parcels.
- The land use codes include some for mixed-use and these were determined based on the "majority rule" but SCAG will be relying on the cities to review these and submit corrections in land use as necessary.
- One reason cities should be motivated to provide data is that SCAG is also involved with the RHNA (Regional Housing Needs Assessment) as part of the RTP process.

El Segundo noted that this is the first time that SCAG has done the correlation of local land use codes to SCAG codes and recognized that this is very difficult, and recognized the good job SCAG has done.

Mr. Jong can be reached at (213) 236-1861 or [seo@scag.ca.gov](mailto:seo@scag.ca.gov)

### **3. Upcoming changes in 10.2**

Mike Sumich and Harry Moore (ESRI) presented on the upcoming changes and new tools for ArcGIS 10.2. Mr. Sumich noted that relative to prior releases, 10.2 is more like a patch than a new release. Mr. Sumich and Mr. Moore highlighted the following:

- GeoEvent Processor extension for ArcGIS Server: This integrates real time data right on a map. It can be connected with social media (e.g. Twitter). GeoEvent Processor lets you bring information from sensors in the field such as GPS devices, mobile devices into everyday GIS work – you can visualize events on a map as they are happening, and analyze and respond – all in real time. With this, users will be able to do "geofencing" whereby alarms can be set up with modifications based on attributes if certain events occur. An example of geofencing: hospitals can set up with a fence of a one-minute drive time for ambulances. Tracking can also be done temporally (by time) which is useful, for example, for probation cases.
- Collector for ArcGIS and Operations Dashboard. Collector is an application that allows you to collect data on smart phones and tablets. Dashboard, using java script is great for demonstrating data and internally as a communications tool. A user can put charts, lists, etc on a map that is updated automatically as underlying data changes. The program has a lot of "widgets." To the

question as to whether an external server needed, Mr. Sumich stated that an ArcGIS Online account or ArcGIS Server access is needed to access.

- ArcGIS Online: this is advancing quickly and will now be widely available to the desktop community. A new work flow will be available with 10.2 by first accessing an ArcMap. This is a key advancement because now instead of sending pdfs or paper maps, a link to the web map can be sent. So now your users no longer need to carry maps around, instead they can be conveniently accessed from a phone or tablet or computer. If you are making a map that has sensitive data, you can require access be gained only as a “named user” at log in. This can use Windows log in to avoid separate login to access the web maps. Harry Moore proceeded to illustrate on the white board, how desktop users share work flow. In setting this up, your customer number is very important. If for example, you already have 10 users through a maintenance agreement, if you want those 10 users to share work flow they will automatically be able to do so.

A brief discussion followed regarding credits, which will be given at a rate of 100 (credits) times the number of users. Mr. Sumich noted however, that if you are using a web map only for viewing, this would not consume any applicable credits. Mr. Sumich further explained that the geocoding price now is 40 credits per 40,000 geocodes.

Mr. Sumich added that the two way communication from desktop to cloud is done without compromising a firewall. Downloading and synching can be done as a seamless process. Mr. McDaniel (El Segundo) observed that in certain cases when we talk about synching, this is really more comparable to refreshing data.

Discussion refocused again on the system for credits and subscription plans. Mr. Sumich noted that for cities that have a small number of desktop users (e.g. Hermosa Beach) and therefore a small number of credits, it might be more cost effective to buy a higher subscription level. He also noted that for other cities (as was the case with Inglewood) it might be better to buy user packs, instead of a higher level.

In conclusion, Mr. Sumich emphasized that the tools using cloud technology for sharing data and work flow will ultimately transform our organizations, however the first step is to make a web map and demonstrate it to the staff. ESRI is available to help in this. Cities should also look for demonstrations of Collector and Dashboard from ESRI this fall.

There was a brief discussion regarding Story Maps, and Mr. Sumich noted that more templates are going to become available. Manhattan Beach will soon be refreshing their city website and will be using Story Maps to provide a wide variety of information, such as bike rack locations, EV charging station locations, water wise gardens and others.

**4. New ftp site** – The Chair noted that this item will be put on a future agenda.

**5. Area G mutual aid fire run map update**

The Chair informed that the Fire Captain in Hermosa Beach is asking for updates of the South Bay mutual aid fire run maps, noting that it has been six years since last updated. It was suggested that everyone ask for updated information through their Fire Departments. It was noted that a combined pdf with an index page and links from the index page to individual atlas pages has been useful.

**Other Business**

Mike McDaniel invited everyone to attend an event tomorrow night (August 15) at the Lomita Railroad Museum at which he will be giving a presentation.

**Volunteer for Goodies Next Meeting:** Pei San