LARGIS – Regional Forum
June 14th 9:30

Welcome

Mark Greninger
Mission Statement

(My apologies for mangled names in advance)

Daniel Lee – Port of Long Beach
      Mobile applications
Andy Bradford RPV on the Net
      ArcGis Server
Carson
      Mobile – applications on mobile
Andy RPV
Justin Mink Glendale
      Mobile on ipads
John – SCAG
      Local GIS services – reach out to cities
Kimberly Clark – SCAG
      Web Geoportal
Mike – Whittier
      Moblie on ipads
Steve strand – Man
Bonnie Shrewsbury – Manhattan
      New public app
Christine – Port of LA
      Upgrade to GIS viewer, 9.3 to 10.1. Want to get to police cars, CMM workers
Mike Carson – Santa Monica
      Mobile Apps
Damion Patrick – Monrovia
      Ad Hoc maps for insurance replacement cost of trees
Mitch Cochran - Monrovia
      Mobile Fire apps
Mayer Davis – Carson
Mark Greninger – LA County
      Geo Classifications for Council
      Move people into geo classified positions
Mike McDaniel
      High water – mobile system for water department
Lenna Nguyen – RPV
      Building apps for GIS Viewer, more tools
Bill Ahearn - Glendale

Mark Greninger
please fill out the survey so that we get everyone's data. The file is in Google Docs
We will send the link.

If you have an application or have one, you can go through the list and see what else is out there and close to what you need.

Case Studies
Will help people advocate for tools, data sets and what not.
Send out a template form to everyone, talk about benefit, what is the problem and solution. What are the benefits.

Email the template to Mark, he will compile it. There are close to 20 already.
Mike McDaniel – issues with hills, map of areas to turn your wheels…

Any other resources that you would like to put together
Document types, resources, analysis of mapping GIS
Mike – justify budget for next year, what have you accomplished.
Mark – Do you have a request form?
Mike – looking to implement it. Small city so people come directly to him.

Whittier – ticket system in place, put Mike in. Tag what you do and when.
Port LA – Using IT help desk. Need to have justification
Glendale – experience as justification for budgets. Log work by departmental support.
Monrovia – keep track of hours, performance indicators
Port LB - IT fills out tickets for staff so that there is tracking

Mark – how many products have actually gone out.

Glendale – kick it out as a PDF, keep for every year. Sum up how many years
        Have a form for people that comes to the public counter.
        If done for internal users, no form. Big project, use a daily log
Manhattan Beach – log in excel, can find maps later – Date is in the log
Port LA - Geopola to geocortex – internal users are able to mark up on the map.
        Templates for each division. Training all of the Divisions
        Have not used the optimizer which is the tracking program
Mark- ½ of the Agencies have Geocortex
Carson – in house
SCAG – arcgis viewers for silverlight, FREE
Carson – flex builder app

Mark – drew 17,000 poll maps for election. Hit the system by 2%
        If you can track and measure it, can go to management with trends

Data Collaboration efforts

National Hydrology Meeting – NHD- National Hydrologic Data Set
USGS quad sheets and created digital formats. Can get data from LA portal.
A lot of cities have provided data. USGS is providing a grant to see how they tie together
Looking for where the surface water goes in LA County
Open source data product.
Storm drain network goes to city. They want all of the City's data as well.
Trying to firm up the information – metadata is incomplete
County is liable so want to be able to do network tracing.

Should hook in sewer network. Storm runoff does go in sewers and overloads hyperion
Don't build your own water network.
PW should be the steward for the County.

Mike Carson – Northridge is working on the data. The focus is digitizing off of aerial photos
        Based on older sections, certain areas. No subsurface

Mark – USC did some work as well.

CAMS – county address
Just a few cities have a license for Thomas brothers
Register / recorder is updating the tiger file to county accuracy
Trying to get people in updating the county addresses.

Glendale – use for dispatching?
        Dispatch systems have found a huge number of errors.

County Tiger file, the addresses only showed up on one side of the streets.

Have integrated every street from the South Bay. Would like to get everyone's information into it.

Any other big projects?
Any data sets?

Manhattan Beach – Accella demo of permit product
        Accella is working hard with ESRI

Mark – There are a number of demos,.
Mitch – Discussion of permitting systems
        Accella killed Kiva, Tidemark, focus on permits plus
        Edgesoft is one vendor, GIS base model. EOC application in Beverly Hills
        Open Facilis – open source framework that cities are looking at.

Port LB – Egov
Mike - City Works
        Have a home grown one in Access. Problems but it is what people know.
        It is the devil that they know.

Mike McDaniel – El Segundo

Very business friendly City
He created a Layer of ranchos
Started out as farming, 1911 Chevron opened second refinery (El Segundo)
Became a company town, brought the red cars to town
1920's largest oil refinery in CA for capacity
Demo of sanborn map form 1920's fire map to today's LARIAC
County has sanborn maps – part of LA County
El Segundo de-annexed part for the Air Force Base
Kings and Lakers facilities are in El Segundo

High School is the most filmed high school in America
Issue – impact of filming on neighborhood
> Have to notify people in 275 feet, if 10% object then filming can't continue
> Get 2-3 maps per week of addresses

LAX – Noise issue – LAWA settlement.
> Maps for levels of access to money for priority for funds
> Funds are running out. $30,000 per unit requires a noise easement for no future suits
> Track complaints - a couple of people have a hugh number of complaints
>> Move to more efficient jets, downturn in economy
>> Big decrease in noise complaints
>> Have a short turn camera that will catch planes that fly too close

Assemble data for emergency preparedness
Centerline file for entire south bay
Maps for esri conference
Submitted jointly to community map system- only slight disjunctions
> Seam is almost invisible….

16,500 population
Sales – 3rd largest in South Bay, other sales not retail or food
> Oil and business to business are more that 50%
> Sales per person – 5x the average

Parcels – 1st generation of Lariac, - off 14 feet. 2.5 feet per parcel, summed up to 14feet
> Affected the rights of way.
> Assessor allowed the creation of a new cadastral.
> Lariac accuracy standards showed that the initial assessor data was off slightly

Crime View for Police Department, Crime Mapping web viewer that is public facing.

Mark – moving toward the dash board project. LAPD and Sheriff in the same dashboard
Glendale – will be going to it in the new few months

What a small City can do:

Cheaper alternatives through ESRI – arc-reader.
Build application for sewer reader. Created a portable app: data and movies on external usb
drive – 270gb for film – MPEG, used SID format for aerial images
> Included substructure maps along with GIS data as verification/assurance of data
> Included videos from manholes – most had manhole number in file name

AVL – geospatial technologies product
> Used Thomas brothers
> Used to locate police vehicles. Part of Hawthorne dispatch

Fiber optic extension to internet data centers
> Making downtown WIFI plan possible
> And dark fiber access to promote smoky hollow district

Approvals: iwater – facilities maintenance, can record how many turns on valves
> Works with Cityworks

Coming: waiting for geocortex

Break at 10:55

LA County mobile App
Difficulty – 2-3 weeks, the hardest part was a text file that needs to go on the server

Heading towards predrawn – pre cached maps
A member can get a password to get access

Demo – 4" imagery can zoom into 1 to 512
Can make costs go down, can leverage county data
ESRI based technologies can play off of it.

All in WebMercateur – world wide standard

Mark- maybe look at grants for damage assessment apps

Mike McD – presentation from ESRI – City Source
	Response is key, getting back to

Glendale – does have it, volume is not very high. Graphitti has been somewhat successful
	Issue for Glendale is centralizing multiple sysems

Manhattan Beach – 'Go reach', is pretty efficient
	Sends an email when completed, if it is updated inside system
	The majority of the users are internal, map based

LA County's is self built

Port LA – internally, get information out to field workers.

It is part of app store

See Click Fix is another vendor

What other mobile apps are out there:

Carson – ipads for code enforcement – mobile iron, more like a virtual desktop
	More of an internal tool

Port LA – new app – port watch, is there anything suspicious, can get to directors, suggestions
	External and internal users
	Not sure if it was internal or from a vendor, free app

Mike McD- how to get the word out
Port LA – has a group that handles the outreach / marketing, banners

Carson – PIO has the role

Mark - What is the primary purpose?   Both, Port of LA is public but many users are internal

Manhattan Beach – more focus on internal users

Is there a need for people to edit a backend database?

Whittier – looking a way for input from field
  Version database – want to have someone authorize the change
  Enterprise GIS server, expensive beast

Issue with form factor – phones vs tablets
10.1 sdk – can preload the tiles

Arcpad – Aan Diego damage assessment application. It worked very well
Phone is replacing arcpad
Estimate that Arcpad will go away

Mark - Internal use – probably mostly the tablets
  Interested in ESRI iphone app – issue that you need an instruction manual

Mitch – discussion of web apps – moving from 'apps' designed for smart phones to
  Looking at web apps based on large or medium screens

Mark – Damage assessment app, build one and give it to everyone.

 Glendale – discussion of SQL spatial
  Used with freeware

Mark – esri products does not leverage the sql spatial
  Sql spatial data type
  Oracle spatial data type may work

  Damage assessment app out of FEMA meeting
  May be a way to get grant
  Work with someone (citysource, see click fix) to see what it would cost to
    create damage assessment app.

Port LA – infrastructure not fully mapped, people want to know where it is
  Like to get grant funded to collect data
  Have it in engineering but never consolidated

Glendale – funded by UASI grants, based on fire and disaster response
  Earthfind
    Have a 'tricyle' to capture imagery without engine….

  Air app and data from cloud or data from server
  Integration in ArcGis 10
  450 miles for Glendale, $126 a mile, discount based on other local work

Long Beach – may be doing internal asset viewing, grant funded.
  ESRI has the contract, interesting to see what the final products are.

Can be water too, Redondo.

Damage reporting needs to be timely, generally 30 days

Mike McD - Pipelines

Port LA – have the pipelines, need to look at one updated
    Leases that lease the pipelines, data may not be available. No credentials to view it

Mark – Federal pipeline database, restrictions on use
    Less restrictive in the past
    Real estate – charge for every foot of pipeline in right of way

Dates – 9/20

Mitch – wait on topic till after conference

Mark – geocortex lunch on wed – free lunch

Location to be announced
Port LA, Glendale, Whittier as possibilities

Conclude: 12:07