eGIS Data Map: Enterprise GIS for Los Angeles County

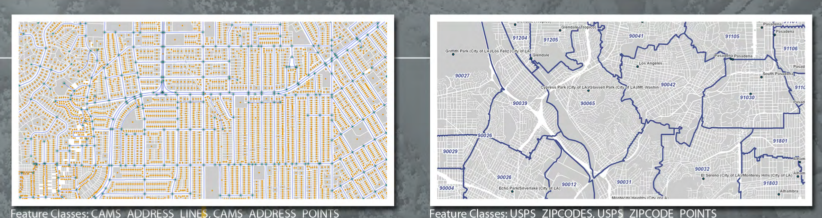
eGIS / URBAN RESEARCH
INTERNAL SERVICES DEPARTMENT
LOS ANGELES COUNTY

Data Themes

- Addressing
- Basemap Grid
- Administrative Boundary
- Political Boundary
- Cadastral
- Demographic
- Elevation
- Environmental
- Hazards
- Hydro
- Imagery
- Infrastructure
- Services
- Transportation

Data Samples and Properties

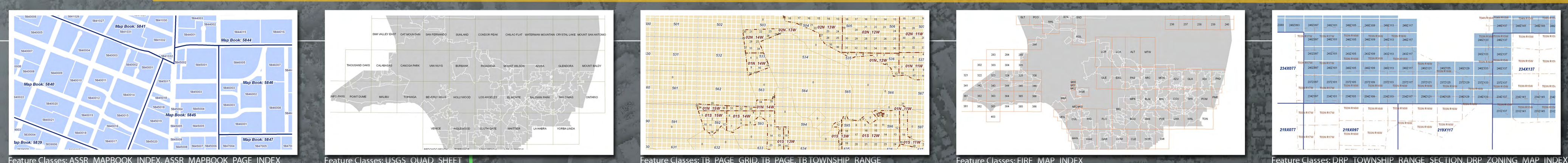
Addressing



Feature Classes: CAMS_ADDRESS_LINES, CAMS_ADDRESS_POINTS
Sources: CAMS (Countywide Address Management Systems)
Brief Description: CAMS point adress, Stret intersections, Street address ranges

Feature Classes: USPS_ZIPCODES, USPS_ZIPCODE_POINTS
Sources: USPS
Brief Description: ZIP CODE BOUNDARIES AND POINTS

Basemap Grid



Feature Classes: ASSR_MAPBOOK_INDEX, ASSR_MAPBOOK_PAGE_INDEX
Sources: Assessor's Office
Brief Description: Assessor's Map book and page boundaries

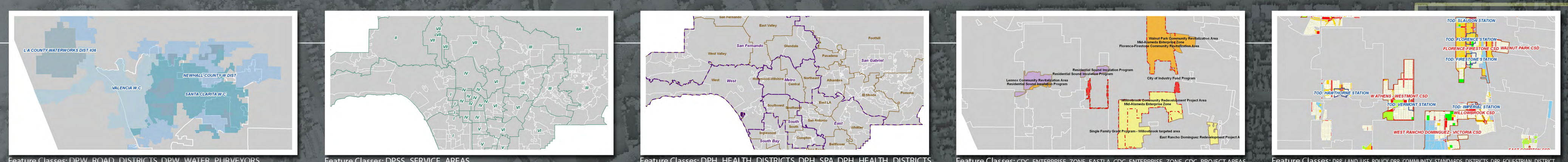
Feature Classes: USGS_QUAD_SHEET
Sources: USGS
Brief Description: USGS Quad Sheet grid

Feature Classes: TB_PAGE_GRID, TB_PAGE, TB TOWNSHIP_RANGE
Sources: Thomas Brother's
Brief Description: Thomas Brother's page grid(s), township & range

Feature Classes: FIRE_MAP_INDEX
Sources: County Fire Department
Brief Description: fire index map grid

Feature Classes: DRP_TOWNSHIP_RANGE_SECTION, DRP_ZONING_MAP_INDEX, DRP_ZONING_MAP
Sources: Department of Regiona Planning
Brief Description: section lines/township & range, zoning map (index) grids

Administrative Boundary



Feature Classes: DPW_ROAD_DISTRICTS, DPW_WATER_PURVEYORS, DPW_LIGHTING_MAINTENANCE_DISTRICTS
Sources: Department of Public Works
Brief Description: road districts (03/05/07), water purveyors (03/05/07), lighting maintance districts

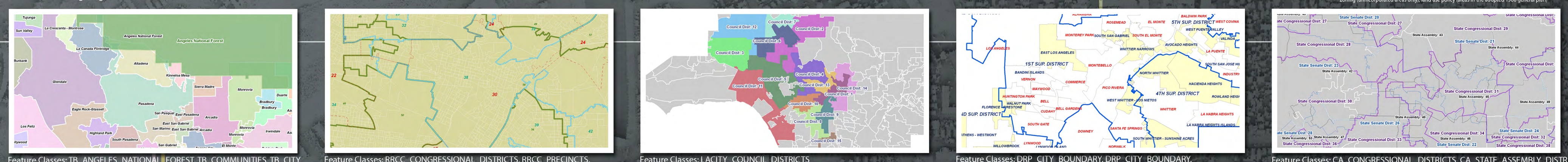
Feature Classes: DPSS_SERVICE_AREAS
Sources: Department of Public Social Services
Brief Description: DPSS service boundaries

Feature Classes: DPH_HEALTH_DISTRICTS, DPH_SPA, DPH_HEALTH_DISTRICTS
Sources: Department of Public Health
Brief Description: health district (1990, 2002), service planning areas (1994, 2002)

Feature Classes: CDC_ENTERPRISE_ZONE_EASTLA, CDC_ENTERPRISE_ZONE, CDC_PROJECT AREAS
Sources: Community
Brief Description: area/community/neighborhood plan land use policy, various planning related district (CSD, TOD, EQD, ZD), zoning (unincorporated areas only), land use policy (areas in the adopted 1980 general plan)

Feature Classes: DRP_LAND_USE_POLICY, DRP_COMMUNITY_STANDARDS_DISTRICTS, DRP_EQUESTRIAN_DISTRICT, DRP_TRANSIT_ORIENTED_DISTRICTS, DRP_ZONED_DISTRICT, DRP_ZONING_UNINCORPORATED, DRP_LAND_USE_POLICY_1990
Sources: Department of Regional Planning
Brief Description: area/community/neighborhood plan land use policy, various planning related district (CSD, TOD, EQD, ZD), zoning (unincorporated areas only), land use policy (areas in the adopted 1980 general plan)

Political Boundary



Feature Classes: TB_ANGELES_NATIONAL_FOREST, TB_COMMUNITIES, TB_CITY_BOUNDARY, TB_COUNTY_BOUNDARY
Sources: Thomas Brother's
Brief Description: Angeles National Forest, city, and community boundaries

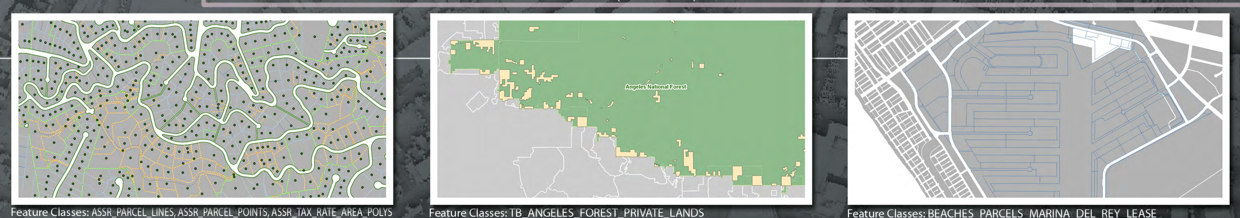
Feature Classes: RRCC_CONGRESSIONAL_DISTRICTS, RRCC_PRECINCTS, RRCC_SUP_DISTRICTS (1991 AND 2001)
Sources: Registrar-Recorder/County Clerk
Brief Description: Congressional District, Precinct boundaries, Supervisorial District boundaries (1991 and 2009)

Feature Classes: LACITY_COUNCIL_DISTRICTS
Sources: City of Los Angeles
Brief Description: City of LA Councile districts

Feature Classes: DRP_CITY_BOUNDARY, DRP_CITY_BOUNDARY, DRP_COUNTY_BOUNDARY, DRP_SUP_DISTRICTS_2001
Sources: Department of Regional Planning
Brief Description: city, unincorporated community, County, Supervisorial distrcts boundaries

Feature Classes: CA_CONGRESSIONAL_DISTRICTS, CA_STATE_ASSEMBLY_DISTRICTS, CA_STATE_SENATE_DISTRICTS, CA_ASSEMBLY_DISTRICTS
Sources: State of California
Brief Description: congressional district, state assembly districts, state senate districts, state senate districts

Cadastral

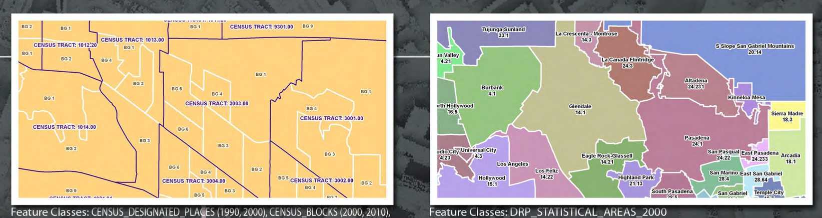


Feature Classes: ASSR_PARCEL_LINES, ASSR_PARCEL_POINTS, ASSR_TAX_RATE_AREA_POLYS, ASSR_PARCELS (2005, 2006, 2007, 2009), ASSR_PARCELS_DS04
Sources: Assessor's Office
Brief Description: tax rate areas (TRA), parcel lines (including right-of-way, cut/deed, easement, lot), parcel centroids, historic and current parcels, parcel attribute tables (DS04)

Feature Classes: TB_ANGELES_FOREST_PRIVATE_LANDS
Sources: Thomas Brother's
Brief Description: private lands within the Angeles National Forest boundary

Feature Classes: BEACHES_PARCELS_MARINA_DEL_REY_LEASE
Sources: Department of Beaches and Harbors
Brief Description: Marina Del Rey leased parcels boundaries

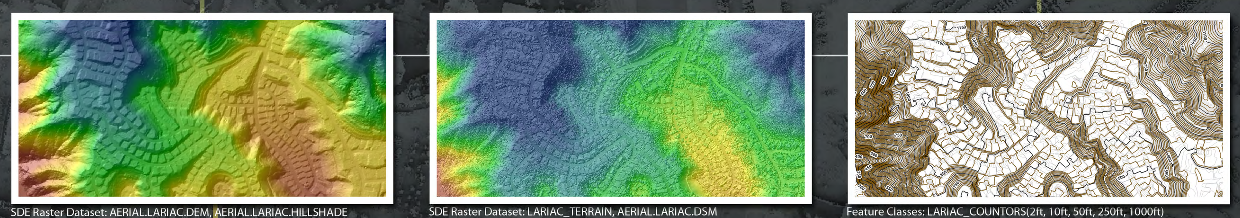
Demographic



Feature Classes: CENSUS_DESIGNATED_PLACES (1990, 2000), CENSUS_BLOCKS (2000, 2010), CENSUS_TRACTS (2000, 2010), CENSUS_BLOCK_GROUPS (2000, 2010)
Sources: CENSUS Bureau
Brief Description: CENSUS tracts, blocks, block groups boundaries (2000, 2010) designated places (1990, 2000)

Feature Classes: DRP_STATISTICAL_AREAS_2000
Sources: Department of Regional Planning
Brief Description: CENSUS statistical areas

Elevation



SDE Raster Dataset: AERIAL.LARIAC.DEM, AERIAL.LARIAC.HILLSHADE
Sources: LAR-IAC
Brief Description: Digital Elevation Model (DEM), hillshade

SDE Raster Dataset: LARIAC_TERRAIN, AERIAL.LARIAC.DSM
Sources: LAR-IAC
Brief Description: Digital Surface Model (DEM), Terrain Dataset

Feature Classes: LARIAC_COUNTORS(2ft, 10ft, 50ft, 250ft, 1000ft)
Sources: LAR-IAC
Brief Description: Contour lines from LAR-IAC DEM

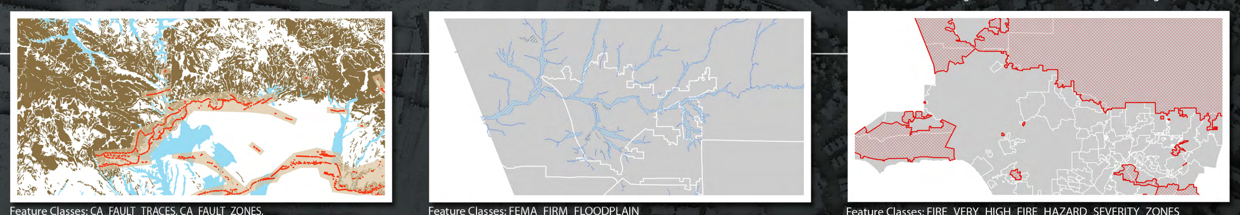
Environmental

Feature Classes: DRP_SIGNIFICANT_ECOLOGICAL_AREAS
Sources: Department of Regional Planning
Brief Description: adopted Significant Ecological Areas (SEA)

SDE Raster Dataset: LARIAC_NDVI_2006
Sources: LAR-IAC
Brief Description: normalized difference vegetation index using CIR imagery

SDE Raster Dataset: AERIAL.LARIAC.SOLAR_DIRECT (5ft, 100ft), AERIAL.LARIAC.SOLAR_DURATION (5ft, 100ft)
Sources: LAR-IAC
Brief Description: solar direct insolation model, solar insolation duration model, solar global insolation model (5ft and 100ft grid)

Hazards

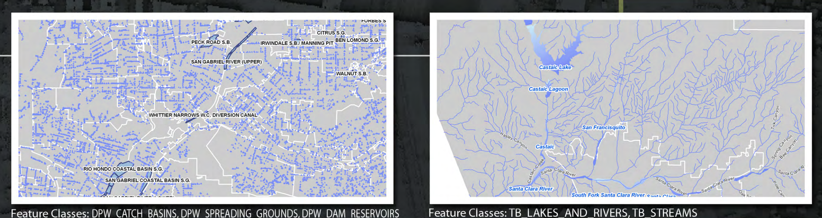


Feature Classes: CA_FAULT_TRACES, CA_FAULT_ZONES, CA_SEISMIC_LANDSLIDE_AREAS, CA_SEISMIC_LIQUEFACTION_ZONES
Sources: California Geological Survey
Brief Description: Seismic Hazards Zones

Feature Classes: FEMA_FIRM_FLOODPLAIN
Sources: FEMA
Brief Description: FIRM Floodplain (Q3 data)

Feature Classes: FIRE_VERY_HIGH_FIRE_HAZARD_SEVERITY_ZONES
Sources: Department of Fire
Brief Description: Very High Fire Hazard Severity Zones (VHFHSZ)

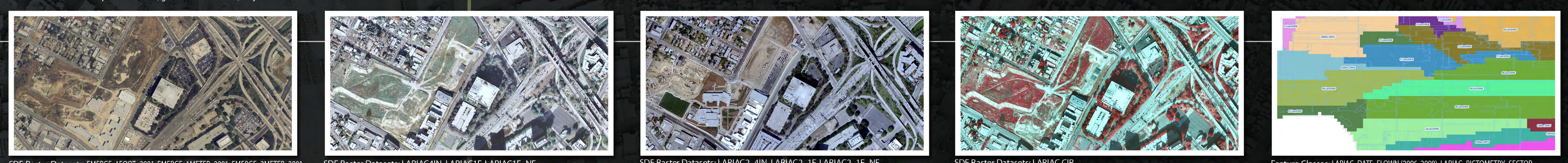
Hydro



Feature Classes: DPW_CATCH_BASINS, DPW_SPREADING_GROUNDS, DPW_DAM_RESERVOIRS DPR_DEBRIS_BASINS, DPW_GROUNWATER_BASINS, DPW_MAJOR_CHANNELS
Sources: Department of Public Works
Brief Description: Catch basins, spreading grounds, dams, reservoirs, debris basins debris potential areas, ground water basins, major channels

Feature Classes: TB_LAKES_AND_RIVERS, TB_STREAMS
Sources: Thomas Brother's
Brief Description: Lakes, large rivers, and streams

Imagery



SDE Raster Datasets: EMERGE_1FOOT_2001, EMERGE_1METER_2001, EMERGE_2METER_2001
Sources: EMERGE, Department of Regional Planning
Brief Description: Ortho imagery 1ft (urban areas), 1 meter (urban fringes), and 2 meter (forest areas) resolutions, taken 2001

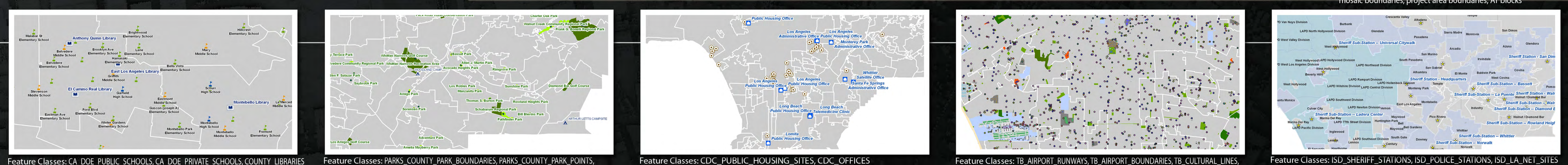
SDE Raster Datasets: LARIAC4IN, LARIAC1F, LARIAC1F_NF
Sources: LAR-IAC
Brief Description: Ortho imagery 4 inch (urban areas), 1ft (urban ares), and 1ft_NF (forest areas) resolutions, taken 2006

SDE Raster Datasets: LARIAC2_4IN, LARIAC2_1F, LARIAC2_1F_NF
Sources: LAR-IAC
Brief Description: Ortho imagery 4 inch (urban areas), 1ft (urban ares), and 1ft_NF (forest areas) resolutions, taken 2008

SDE Raster Datasets: LARIAC.CIR
Sources: LAR-IAC
Brief Description: Color Infrared Aerial Imagery (CIR) 4 inch (urban areas), taken 2006

Feature Classes: LARIAC_DATE_FLOWN (2006, 2008), LARIAC_PICTOMETRY_SECTOR LARIAC_PICTOMETRY_FOOTPRINTS, LARIAC_COLLECTION_AREAS, LARIAC_MOSAICS
Sources: LAR-IAC
Brief Description: Imagery flown date, oblique imagery sector grid, collection areas mosaic boundaries, project area boundaries, AT blocks

Infrastructure



Feature Classes: CA_DOE_PUBLIC_SCHOOLS, CA_DOE_PRIVATE_SCHOOLS, COUNTY_LIBRARIES
Sources: California Department of Eductiona
Brief Description: Public and private school locations (elementrary, middle, high charter schools)

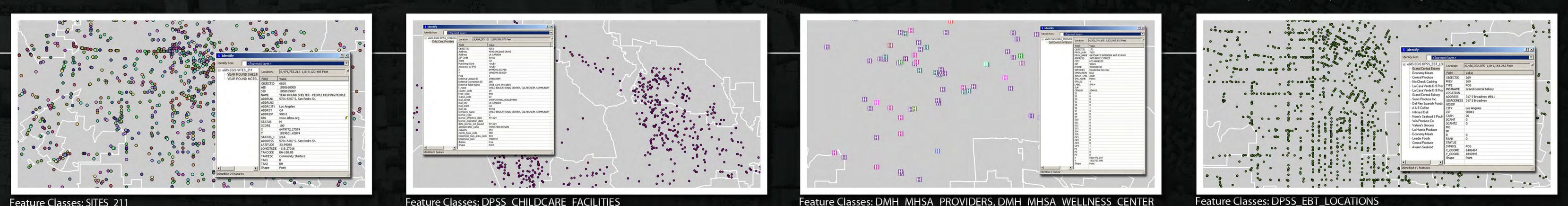
Feature Classes: PARKS_COUNTY_PARK_BOUNDARIES, PARKS_COUNTY_PARK_POINTS, CA_CAMPGROUNDS, COUNTY_PARKS
Sources: California Department Parks and Recreation
Brief Description: Park boundaries, label points, campground

Feature Classes: CDC_PUBLIC_HOUSING_SITES, CDC_OFFICES
Sources: Community Development Commission
Brief Description: Public housing sites, CDC office locations

Feature Classes: TB_AIRPORT_RUNWAYS, TB_AIRPORT_BOUNDARIES, TB_CULTURAL_LINES, TB_EDWARDS_AFB_BOUNDARIES, TB_CULTURAL_OUTLINES, TB_LAND_TYPES, TB_LANDMARKS
Sources: Thomas Brothers'
Brief Description: Airport runways, cultural lines, building outlines, land use, land marks

Feature Classes: ISD_SHERIFF_STATIONS, ISD_POLICE_STATIONS, ISD_LA_NET_SITES
Sources: ISD
Brief Description: Sheriff stations, police stations, LA NET sites

Services



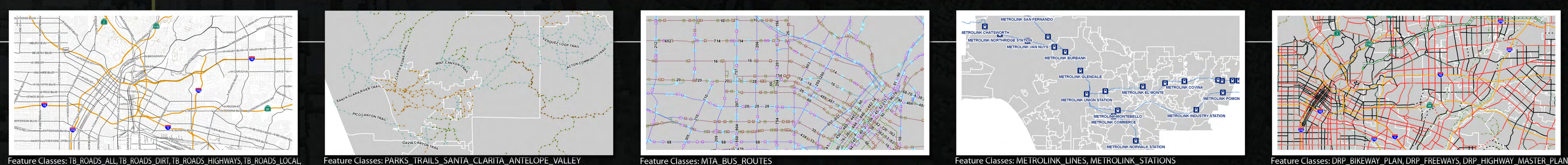
Feature Classes: SITES_211
Sources: 211
Brief Description: 211service site locations

Feature Classes: DPSS_CHILDCARE_FACILITIES
Sources: Department of Public Social Services
Brief Description: Childcare locator (CA016.2)

Feature Classes: DMH_MHSA_PROVIDERS, DMH_MHSA_WELLNESS_CENTER
Sources: Department Mental Health
Brief Description: MHSA providers, wellness center/MHSA locations

Feature Classes: DPSS_EBT_LOCATIONS
Sources: Department of Public Social Services
Brief Description: Electronic benefit transfer (CA016.2)

Transportation



Feature Classes: TB_ROADS_ALL, TB_ROADS_DIRT, TB_ROADS_HIGHWAYS, TB_ROADS_LOCAL, TB_ROADS_MAJOR_STREETS, TB_RAILROADS
Sources: Thomas Brothers'
Brief Description: Road networks, railroad networks

Feature Classes: PARKS_TRAILS_SANTA_CLARITA_ANTELOPE_VALLEY
Sources: Department of Parks and Recreation
Brief Description: Santa Clarita and Antelope Valley trail systems

Feature Classes: MTA_BUS_ROUTES
Sources: Metropolitan Transportation Authority
Brief Description: MTA bus transit routes

Feature Classes: METROLINK_LINES, METROLINK_STATIONS
Sources: METROLINK
Brief Description: Metro rail lines, metro stations

Feature Classes: DRP_BIKEWAY_PLAN, DRP_FREEWAYS, DRP_HIGHWAY_MASTER_PLAN, DRP_TRAILS
Sources: Department of Regional Planning
Brief Description: Bikeways plan, freeways, master plan of highways, trail systems

GIS Web Services: Images, Map, Geoprocesing, Locator

LACounty_Cache (MapServer)

Map Name: LA County Basemap

Layers:
- Surrounding Areas (0)
- Parcel Data (1)
  - o Parcel Boundaries (2)
  - o Parcel Fabric (3)
- Land Types (4)
- Communites 5-80K (5)
- Building Outlines (6)
- Contours (7)
- Water Features (8)
  - o Streams (9)
  - o Lakes (10)
- Aerial Photography (2006) (11)

Spatial REference: 2229

Single Fused Map Cache: True

Title Info:
Height: 256
Width: 256
DPI: 96

Intial Extent:
XMin: 6235356.37305563
YMin: 1707085.60896389
XMax: 6759892.16861104
YMax: 2127021.89103611
Spatial Reference: 2229

Full Extent:
XMin: 5818127.61781326
YMin: 1042522.06833654
XMax: 7821868.22081859
YMax: 2558605.0473357
Spatial Reference: 2229

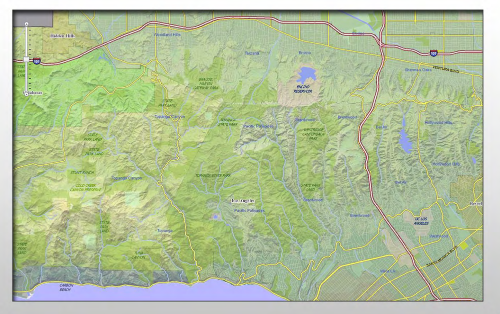
Units: esriFeet

Supported Image Format Types: PNG24,PNG,JPG,DIB,TIFF,EMF,PS,PDF,GIF,SVG,SVGZ,AI

Document Info:
- Title: THOMAS~1.MXD
- Author: mgrening
- Comments:
- Subject:
- Category:
- Keywords:

Supported Interfaces: REST SOAP

Supported Operations: Export Map Identify FindInital Extent:



USGS_Topo (MapServer)

Map Name: LA County Features

Layers:
- USGS 24K Topo Maps (0)

Spatial Reference: 2229

Single Fused Map Cache: true

Title Info:
Height: 256
Width: 256
DPI: 96

Origin:
X: -117608900
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Spatial Reference: 2229

Intial Extent:
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YMin: 1862961.01124727
XMax: 6562217.95881899
YMax: 1921248.69708695

Full Extent:
XMin: 6236792.10341895
YMin: 1344401.47235071
XMax: 6699103.13314817
YMax: 2182341.31802321

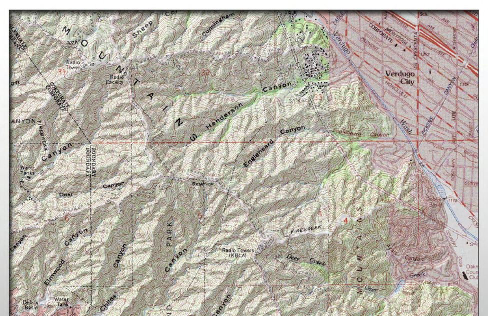
Units: esriFeet

Supported Image Format Types: PNG24,PNG,JPG,DIB,TIFF,EMF,PS,PDF,GIF,SVG,SVGZ,AI

Document Info:
- Title: THOMAS~1.MXD
- Author: mgrening
- Comments:
- Subject:
- Category:
- Keywords:

Supported Interfaces: REST SOAP

Supported Operations: Export Map Identify Find



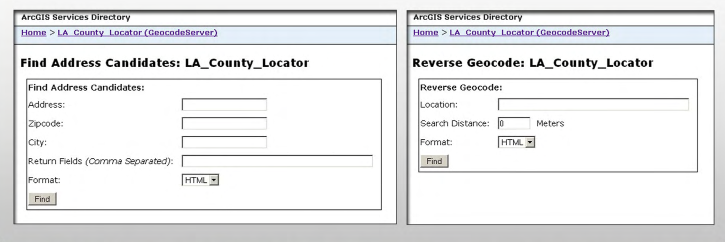
LACounty_Locator (GeocodeServer)

Address Fields:
- Address (Type: esriFieldTypeString, Alias: Address, Required: false)
- Zipcode (Type: esriFieldTypeString, Alias: Zipcode, Required: false)
- City (Type: esriFieldTypeString, Alias: City, Required: false)

Locator Properties:
- UICLSID: {3D486637-6BCF-4A0C-83DB-A02D437FB8FC}
- SuggestedBatchSize: 500
- WriteXYCoordFields: TRUE
- WriteStandardizedAddressField: TRUE
- WriteReferenceIDField: TRUE
- WritePercentAlongField: FALSE

Supported Interfaces: REST SOAP

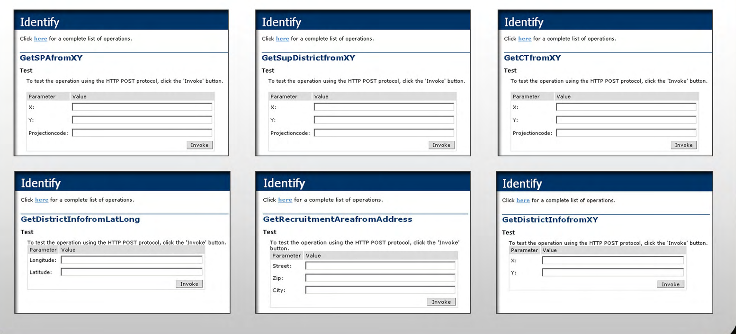
Supported Operations: Find Address Candidates Reverse Geocode



Identify (SOAP Web Services)

It computes a geometric intersection of the input location (X, Y) and identify which are the location belongs to.
The following operations are supported. For a formal definition, please review the Service Description.

- GetAttributesfromXY:
- Get CTfromXY: Census Tract
- GetCensusBlockCentroidsfromXY: Census Block
- GetCityfromXY: City Boundary
- GetDMAfromXY: Disaster Management Area
- GetDistrictInfofromLatLong
- GetDistrictInfofromXY
- Get ORIfromXY
- GetRecruitmentAreafromAddress
- GetSPAfromXY: Service Planning Area
- GetSupDistrictfromXY
- GetTBGridfromXY
- GetTBMapPagefromXY
- GetZipCodefromXY



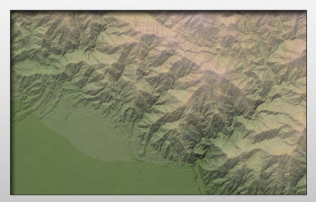
Cached Map Services (MapServer)

Coming Soon!

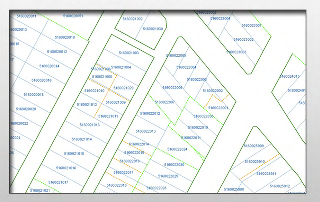
Map Name: Ortho_2008
Layers: LARIAC Ortho Imagery (2008)

Map Name: Ortho_ 2006
Layers: LARIAC Ortho Imagery (2006)

Map Name: Digital_Terrains
Layers: Digital Elevation Model(0)
Digital Surface Model (1)
Hillshade Relief (2)



Map Name: Parcels
Layers: Parcel boundary (0)*
Parcel lines (1)
*Tax Roll Table (DS0) included



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