

Scenario Planning Zone (SPZ) Overview

SPM Working Group Meeting

May 7, 2014



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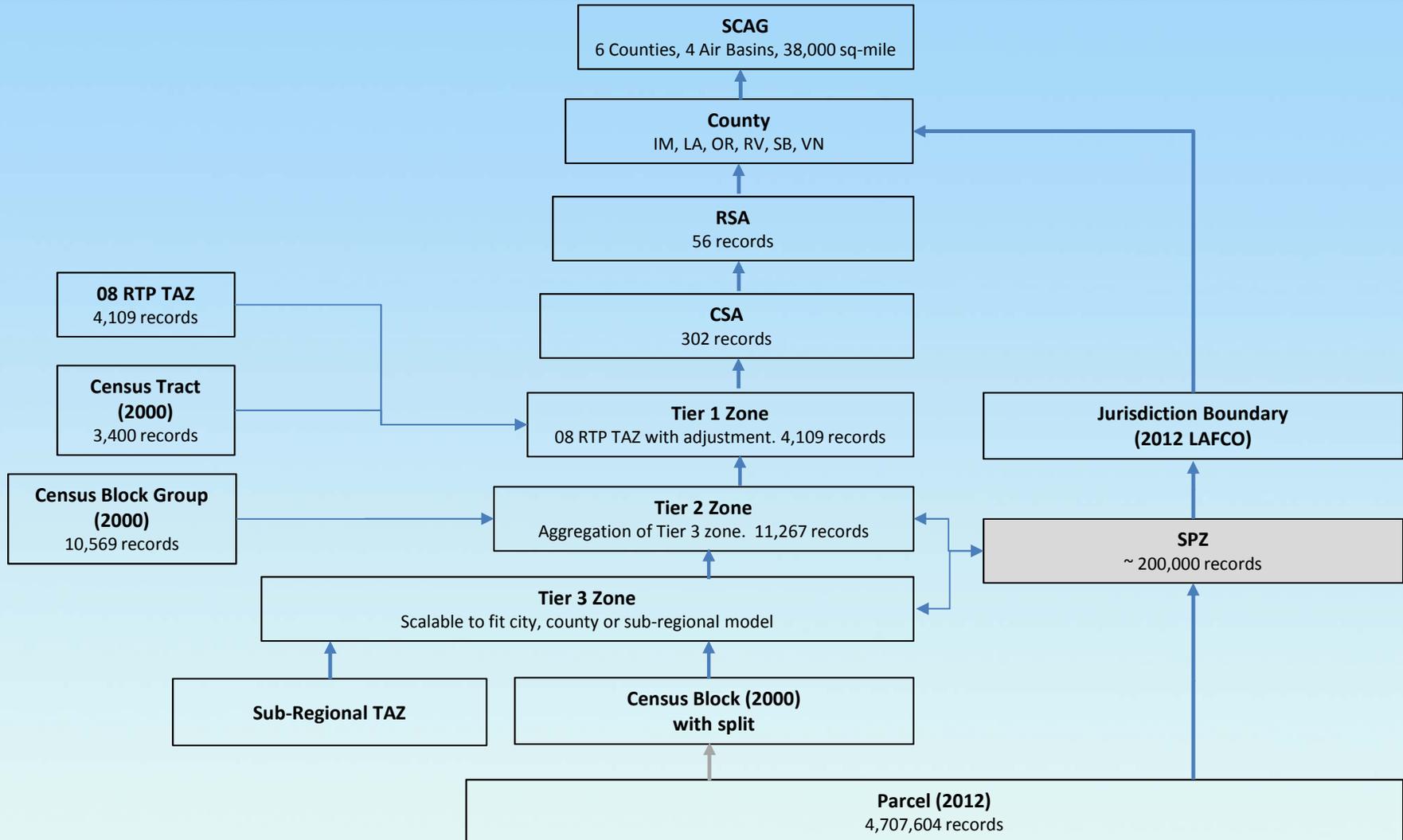
Why new zone system ?

- A spatial representation with manageable size for capturing local land use benefits on transportation
- Downsides of existing boundaries
 - Grid was not accepted as a 'real' zone system
 - 4.7 million Parcels are too many
 - Tier1 TAZ systems are too coarse
 - Census Blocks are not always aligned with jurisdictional boundaries and do not reflect up-to-date growth

Development Criteria and Guidelines

- Consistent to parcel boundaries
- Maintain a nesting relationship with existing boundaries (i.e., Tier 2 TAZ, City, Subregion, County, Census Boundaries)
- Uniform or compatible land uses within a zone, if possible
- Flexible size depending on development density, but with minimum size of 3 acres
- About 200K zones

Tiered Zone System



Overall Workflow

1. Create “spatial elements”

- Divide jurisdiction with parcel and census block boundaries
- Identify slivers, merged to their neighbors based on hierarchy

2. Regroup the “spatial elements”

- By using Census Block boundaries and street center lines as guidance
- Where neighboring land uses are associable
- Consider the “development density” to determine “size”

3. Manual Micro-adjustment

- Based on General Plan land use and satellite image

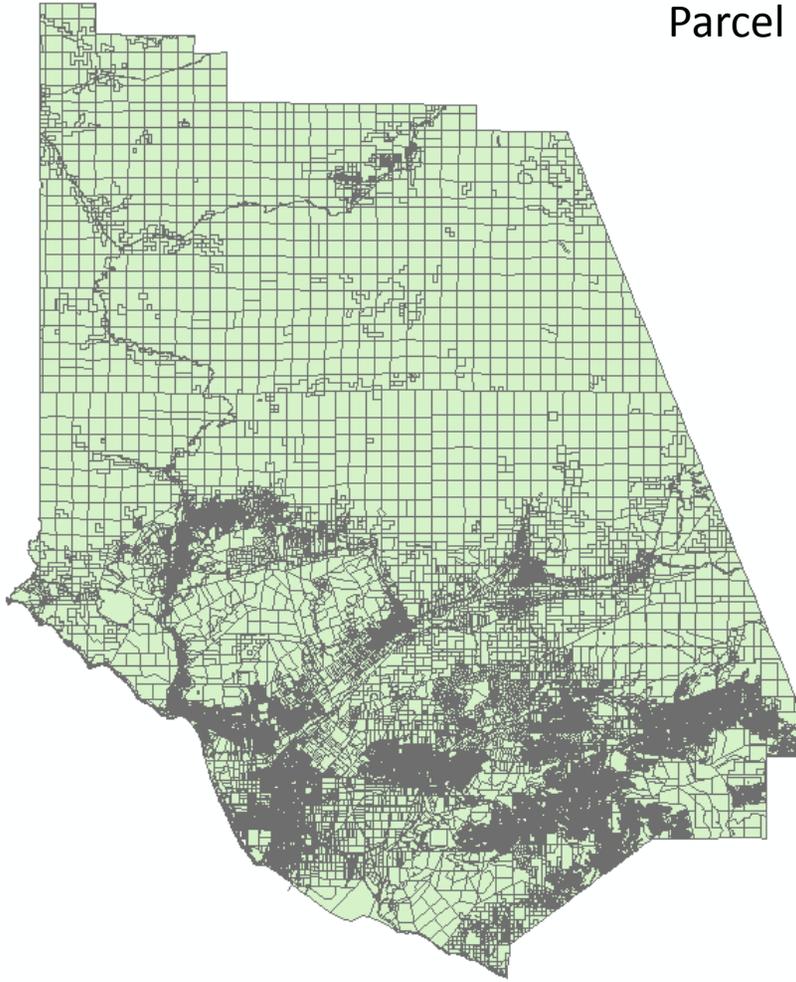
Statistics Summary

Modeling Area	2010 Census Block	CSA	Tier2	SPZ
Imperial	8,875	15	239	6,640
Los Angeles	109,468	155	5,697	83,980
Orange	36,842	43	1,741	35,870
Riverside	35,718	38	1,532	34,850
San Bernardino	48,176	34	1,395	32,260
Ventura	14,811	17	663	10,600
Total	253,890	302	11,267	204,200*

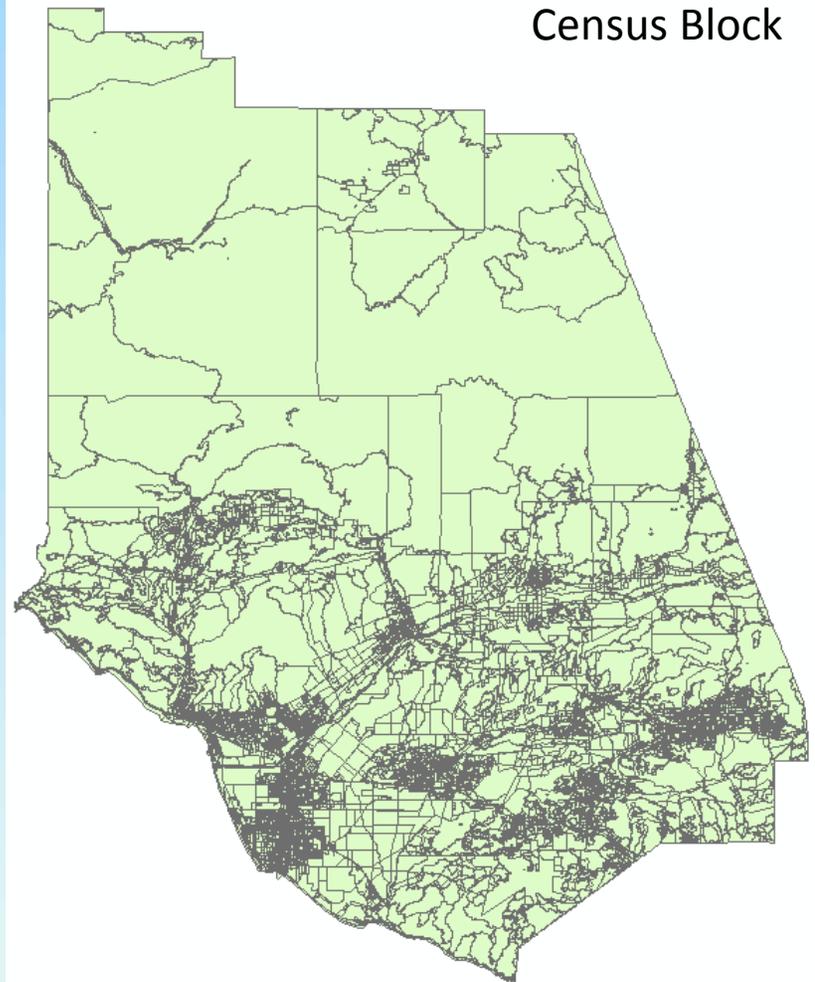
* not finalized

Example

Parcel

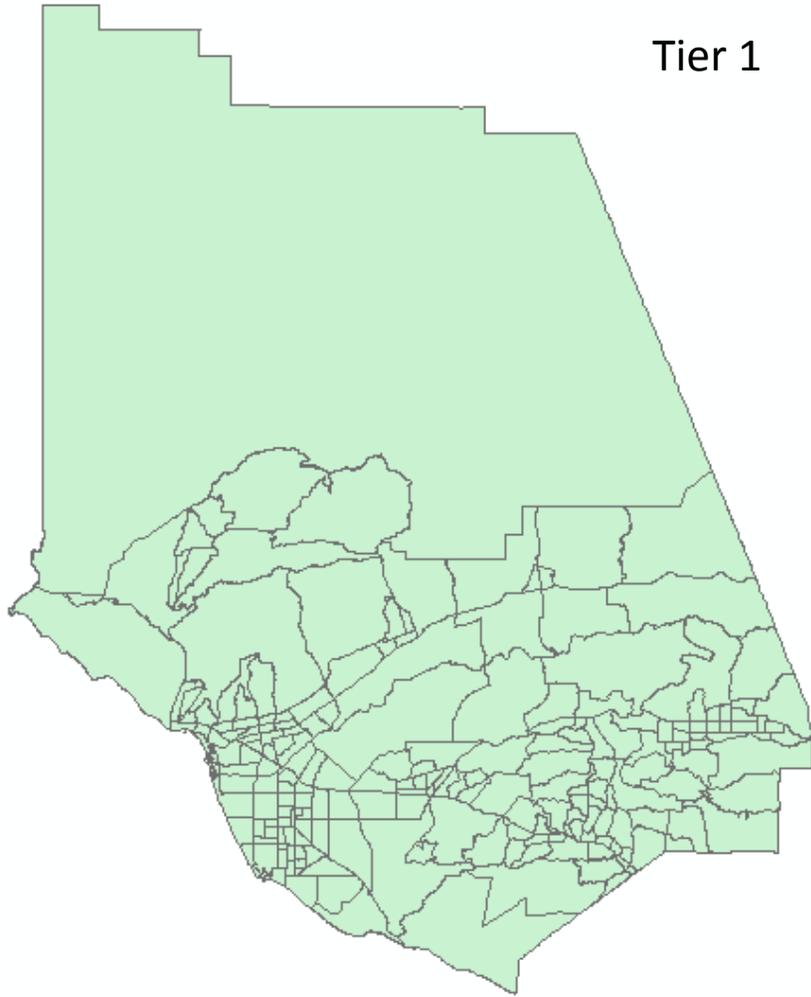


Census Block

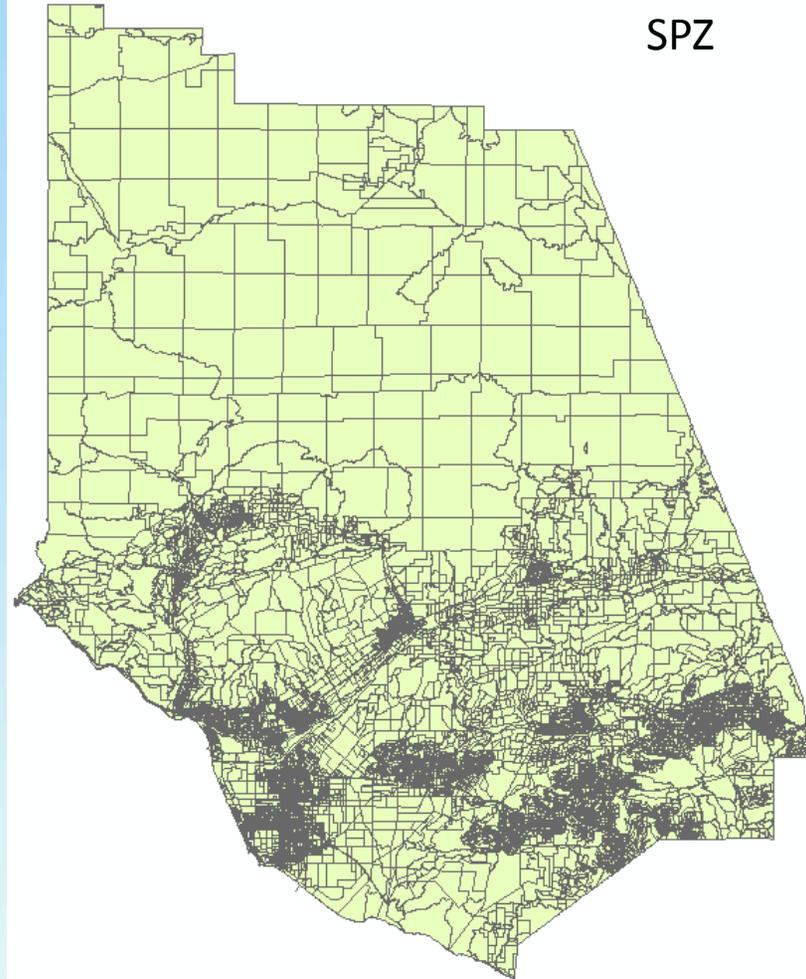


Example

Tier 1

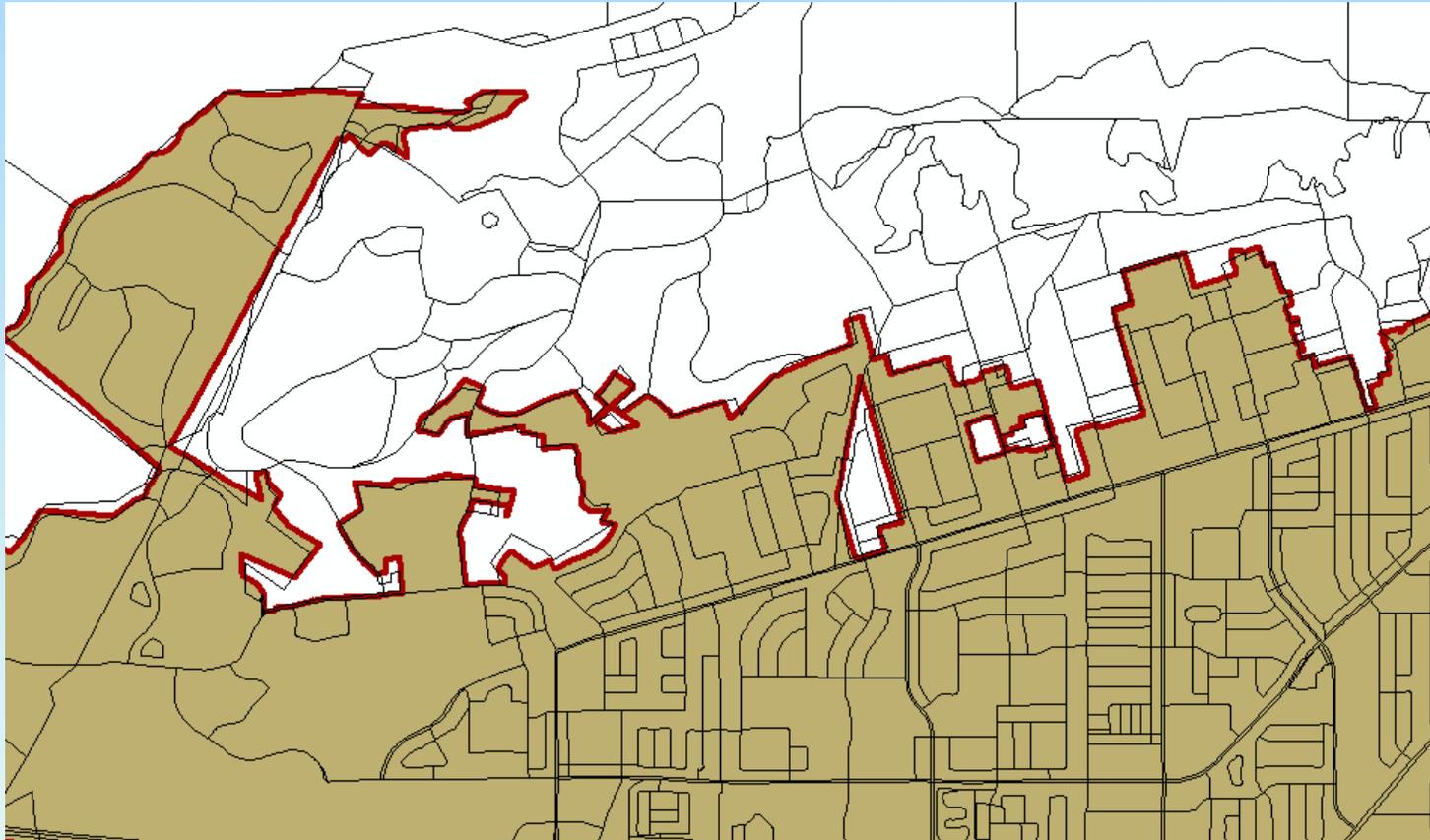


SPZ



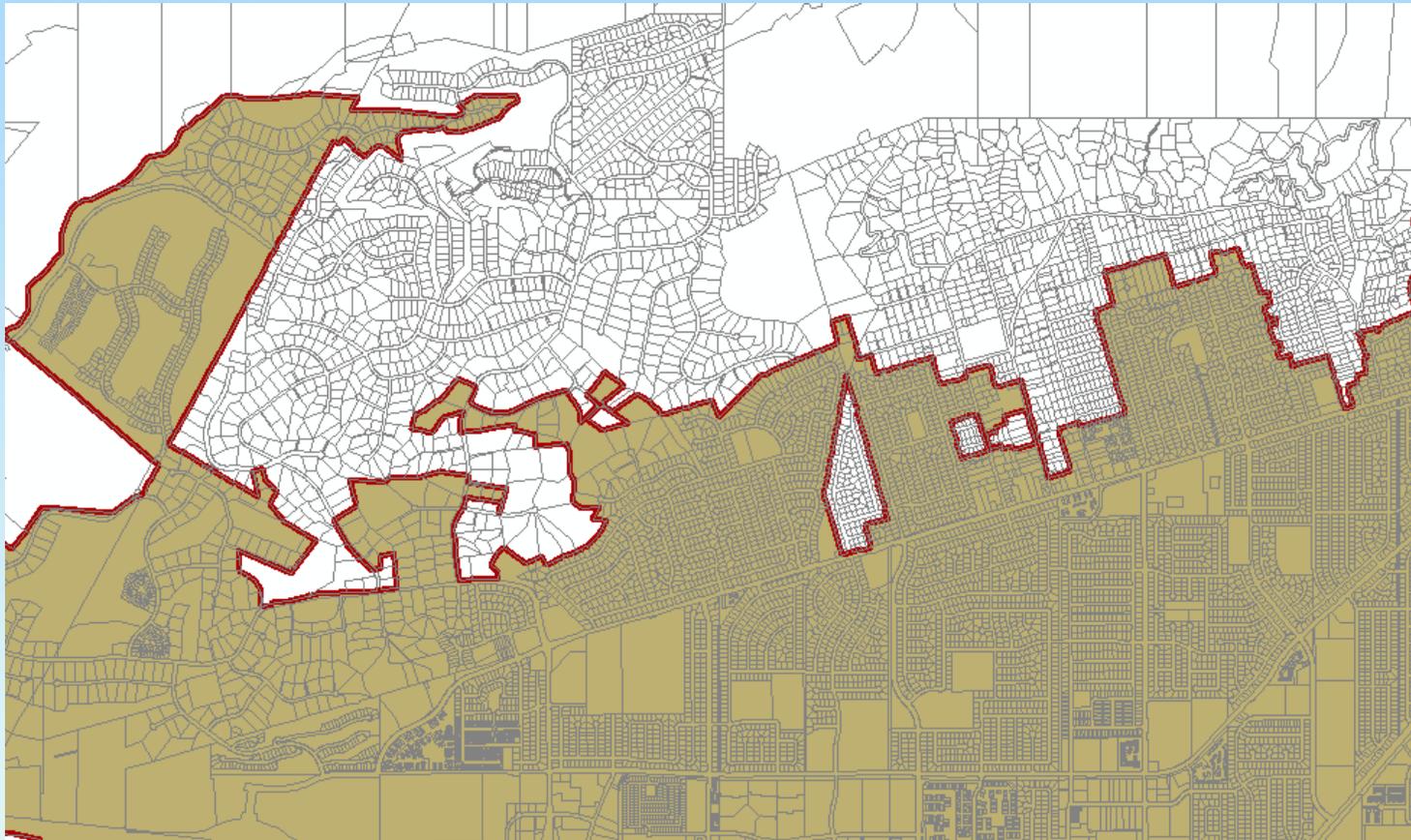
Example

Camarillo (northern border)
With 2010 Census Block



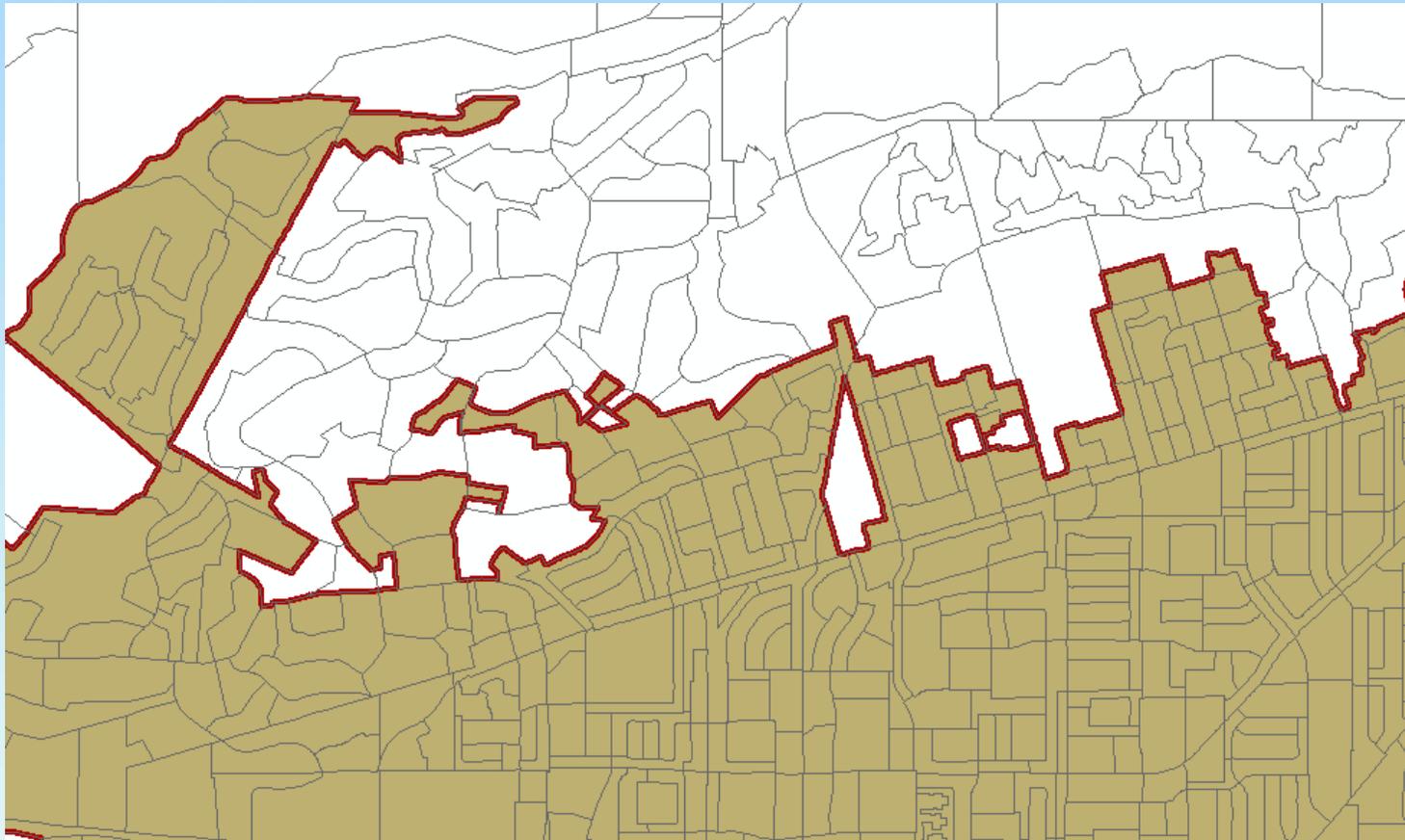
Example

Camarillo (northern border)
With Parcel



Example

Camarillo (northern border)
With SPZ



Example

Camarillo (northern boarder)
With SPZ

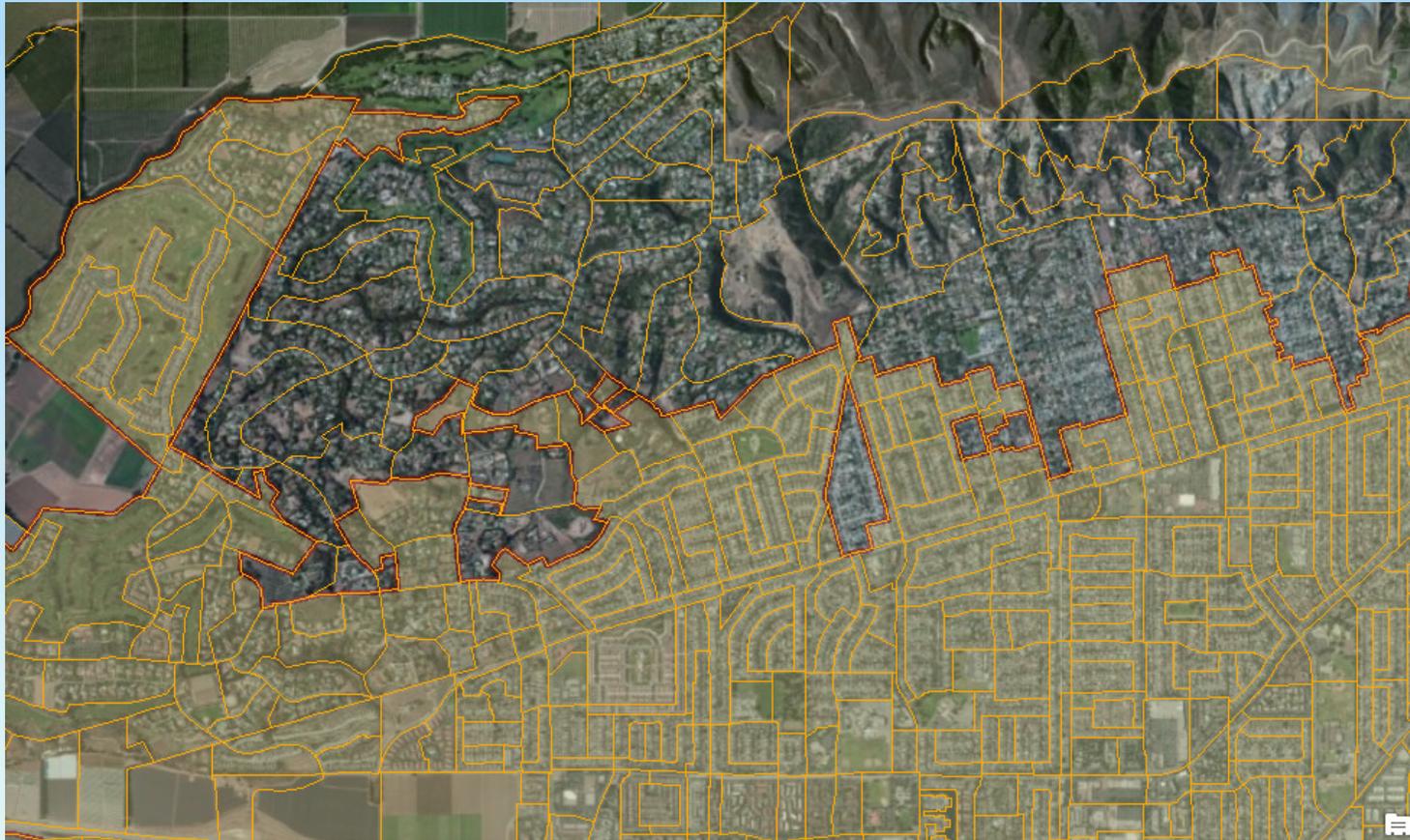


Image Source: ESRI

Roles of SPZ

- Unit of scenario painting/editing (along with parcels) and analysis in SCAG SPM
 - Loaded with a range of data, including land cover, environmental features, roadway and transit
 - Each assigned a unique Place Type according to UF definition by default

Questions?