



# GIS Mapping Updates to TRPA Code Ch. 10, TRPA Regional Plan Maps


11/9/16  
Advisory Planning Commission



## Outline

- Background and Purpose of Code Updates
- Code Amendments
- Conclusion

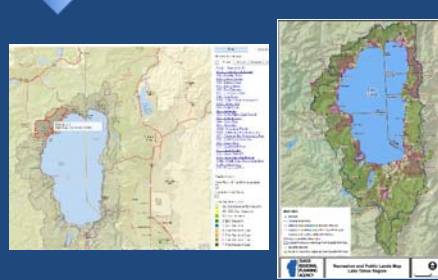
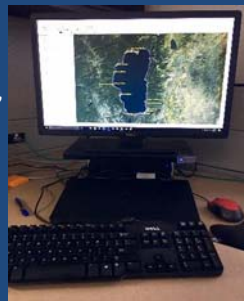



## Integrating GIS

Reliance on paper/mylar maps: fragile, limitations with updates, no backup and analysis



GIS computer mapping: backup possible, improved capabilities for updates and analysis






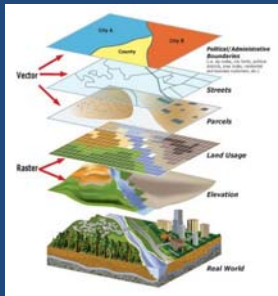
# tahoe


imagine. plan. activate.

## GIS Basics




- GIS: digital mapping tool designed to capture, store, analyze, and present spatial/geographic data
- GIS data layer: a single geographic dataset such as a feature in the natural environment or regulatory boundary
- Typically several GIS data layers are added to create a map which compares different features *such as a roads compared to streams*









## GIS Benefits




- Standard practice
- Can share data = ↑ transparency
- Advanced tools and ↑ organizational intelligence
- Greater detail (map scale dynamic) and versatility





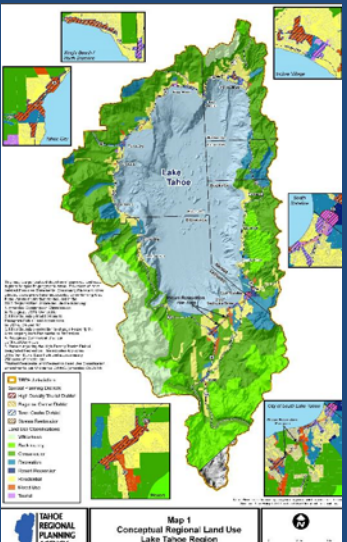
## Clarification Improvements




Defined Official:


- GIS mapping produced and maintained by TRPA
- Outlines boundaries of regulations
- Updates require plan amendment process

*Examples: Centers, plan boundaries, land capability, land uses, HRAs, scenic units, and fish habitat*



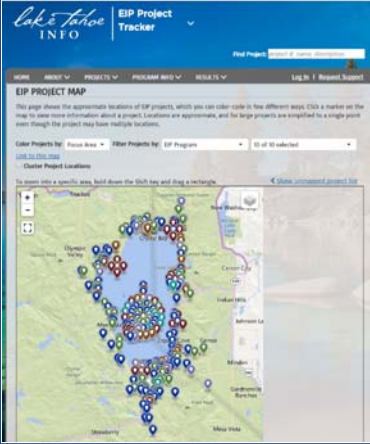



## Clarification Improvements




Defined Other:

- Updates to “Other” GIS mapping/data are not required to undergo ordinance review
- Should be regularly update based on best available info
- Streamlines the integration of data quality improvements
- Removes unnecessary review



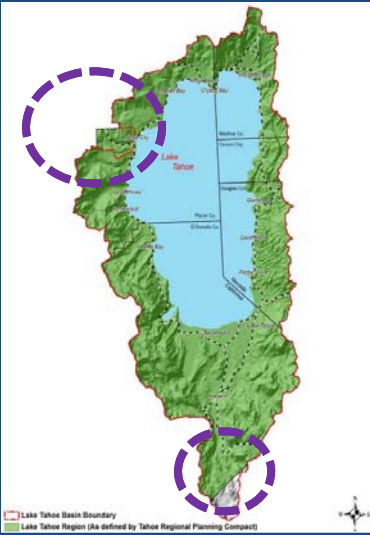




## TRPA Region Boundary Amendments



Applicant initiated process:



- Requires plan amendment
- Consistent w/ “Region” definition in Compact & Figure 1, Regional Plan
- Evaluate topography and hydrology using most current, accurate, and complete data
- Certified Engineer/Surveyor



## Summary

- Define “Official” Regional Maps and GIS Data Layers, clarifies intent
- Support use of best information
- Added TRPA Region Boundary amendment process
- Technical Corrections to modernize terminology: “Overlay” -> “Layer”; remove scale since the scale is dynamic; and added definitions to improve understanding

## Staff Recommendation

Motions for APC to recommend approval of proposed TRPA Code amendments to GB:

- A motion to recommend approval of the required findings, including a finding of no significant effect, for adoption of the amendments to update Ch.s 10, 11, 12, 14, 30, 60, 61, 62, 66, 67, 68, and 90 of the TRPA Code as provided in Attachments C and D hereto.
- A motion to recommend adoption of Ordinance 2016-\_\_\_, amending Ordinance 87-9, as previously amended, to amend Ch.s 10, 11, 12, 14, 30, 60, 61, 62, 66, 67, 68, and 90 of the Code to integrate GIS mapping as provided in Attachment D hereto.





**Thank you! Questions? Comments?**

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