WORKSHOP 6 SUMMARY
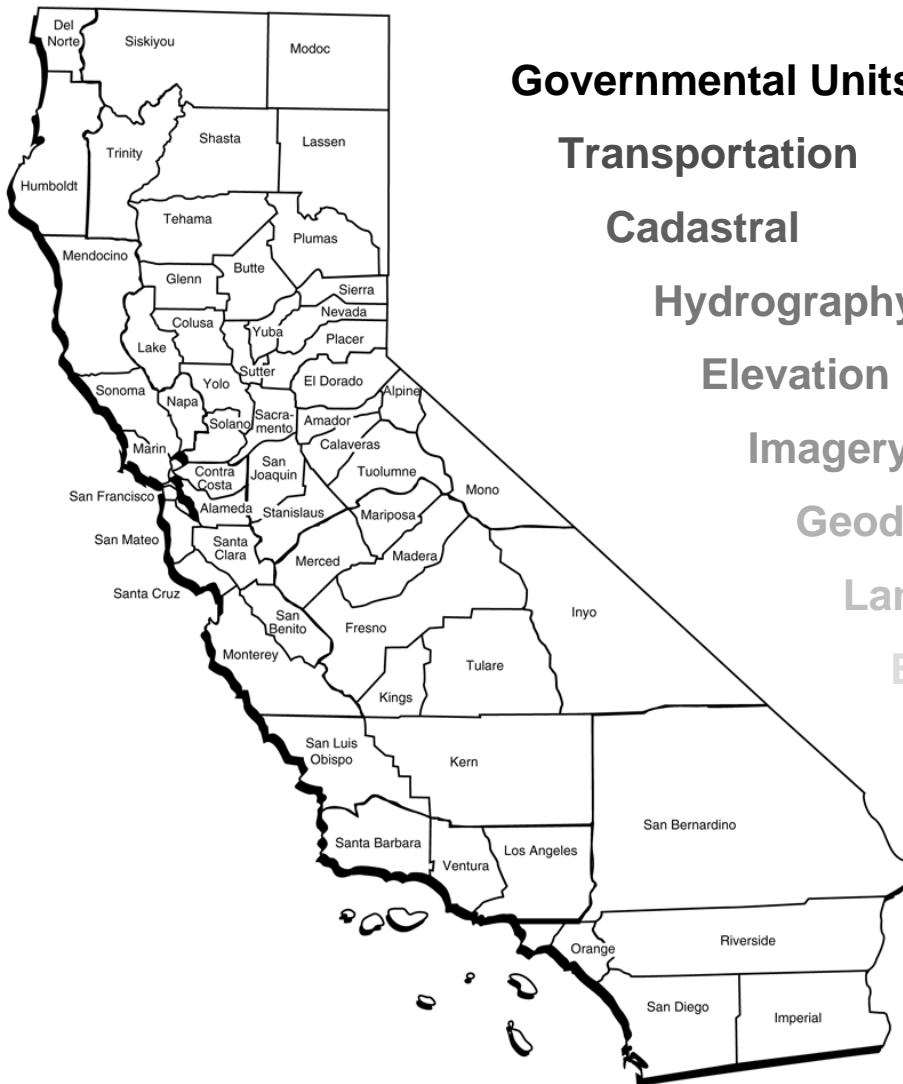
FOR

CALIFORNIA GEOSPATIAL FRAMEWORK DRAFT DATA PLAN

July 31, 2006

Governmental Units

Transportation

Cadastral

Hydrography

Elevation

Imagery

Geodetic Control

Land Use/Land Cover

Environmental

Emergency Operations

The sixth outreach workshop for the California Geospatial Framework Draft Data Plan was held on Wednesday, July 19, 2006 in Redding. The NSDI data themes were presented as potential California-centric themes and participants were asked to allocate their five selection votes among their top choices.

The eighteen workshop participants came from local, regional, and state agencies, and private companies. There was no federal government representation.

Based on participant voting (funding allocation), several data themes emerged as clear contenders as California-centric themes: Street Addressing, Utilities, Land Use, Wetlands, Buildings and Facilities, and Biological Resources. No themes overlap among this and the five previous workshops.

See Figure 1 for the total votes for each potential California-centric theme for the fourth workshop. Figures 2, 3, and 4 show the number of votes from local/regional, state, and private interests, respectively. Figure 5 shows the number of votes for the framework data themes.
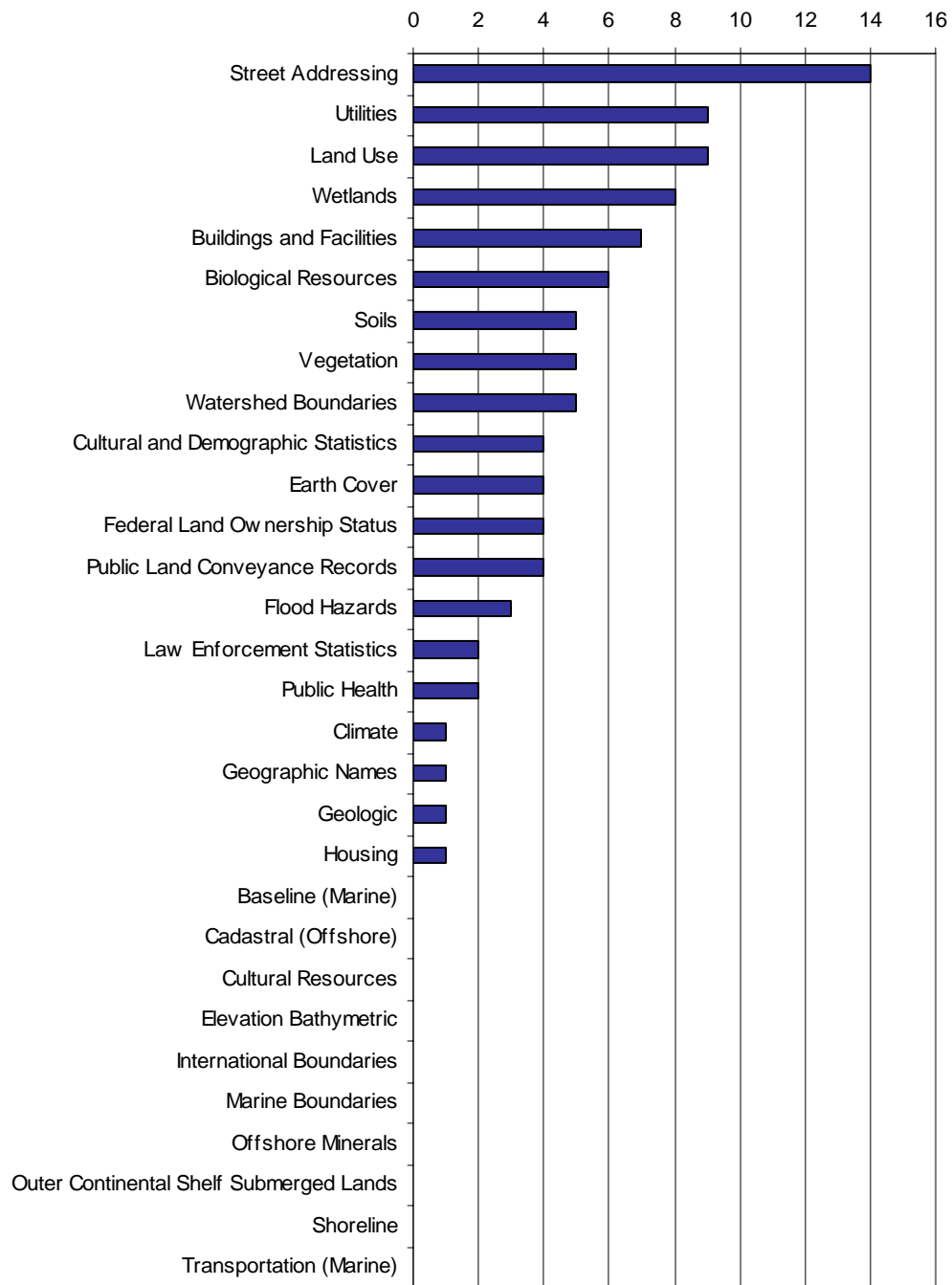
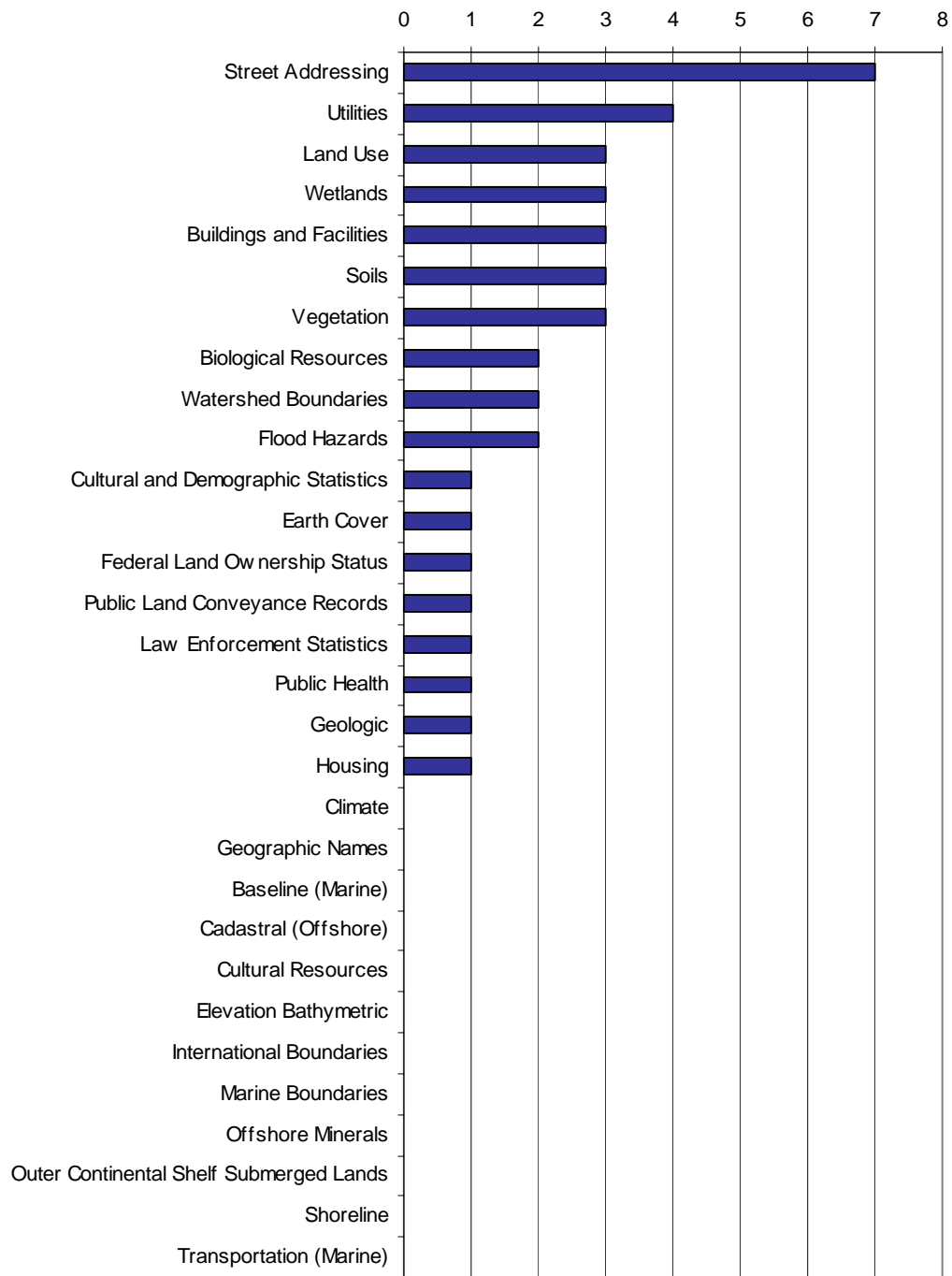Figure 1. Total votes for California-centric themes

	0	1	2	3	4	5	6	7	8
Street Addressing								7	
Utilities					4				
Land Use				3					
Wetlands				3					
Buildings and Facilities				3					
Soils				3					
Vegetation				3					
Biological Resources			2						
Watershed Boundaries			2						
Flood Hazards			2						
Cultural and Demographic Statistics		1							
Earth Cover		1							
Federal Land Ownership Status		1							
Public Land Conveyance Records		1							
Law Enforcement Statistics		1							
Public Health		1							
Geologic		1							
Housing		1							
Climate									
Geographic Names									
Baseline (Marine)									
Cadastral (Offshore)									
Cultural Resources									
Elevation Bathymetric									
International Boundaries									
Marine Boundaries									
Offshore Minerals									
Outer Continental Shelf Submerged Lands									
Shoreline									
Transportation (Marine)									

Figure 2. Local government votes for California-centric themes
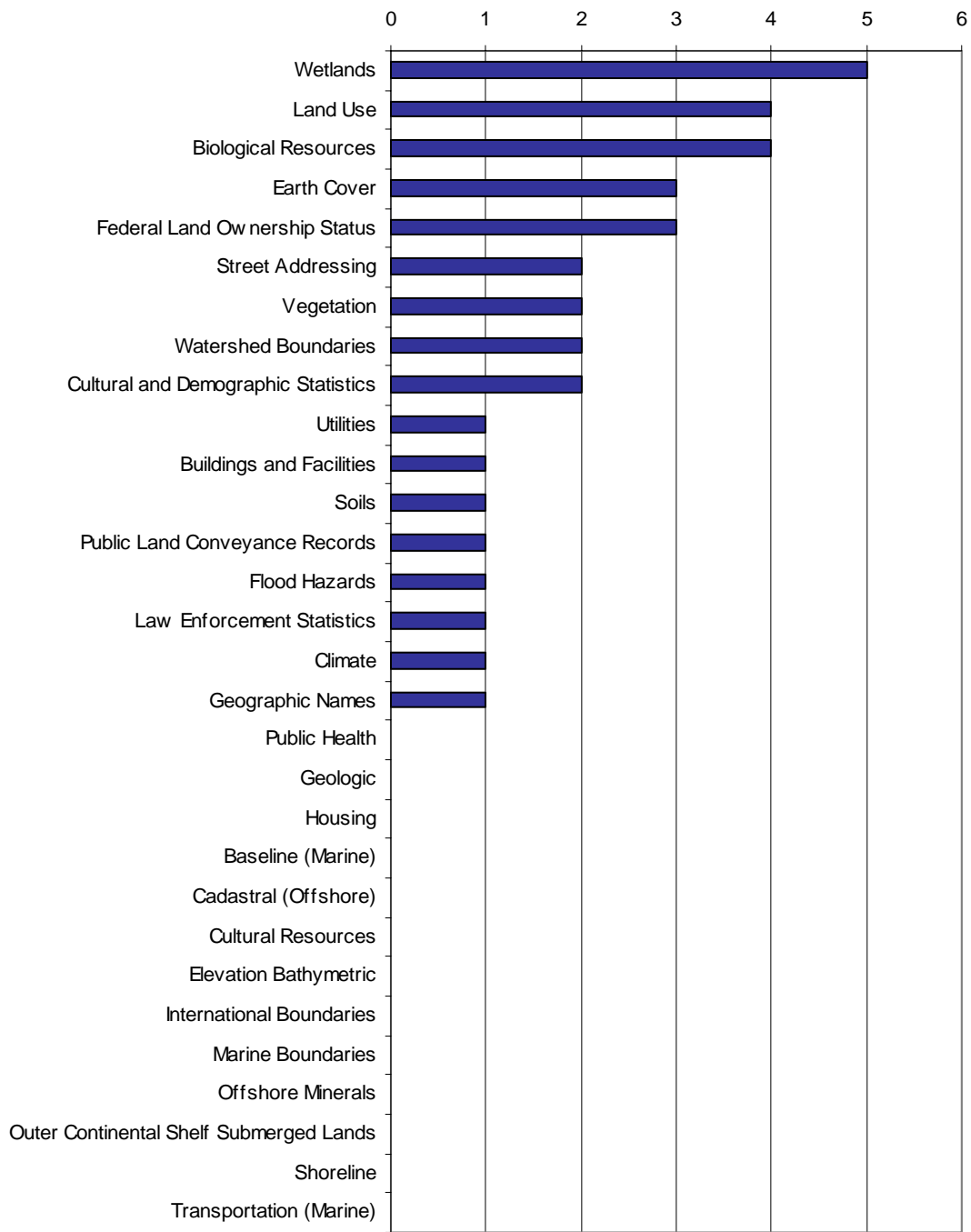
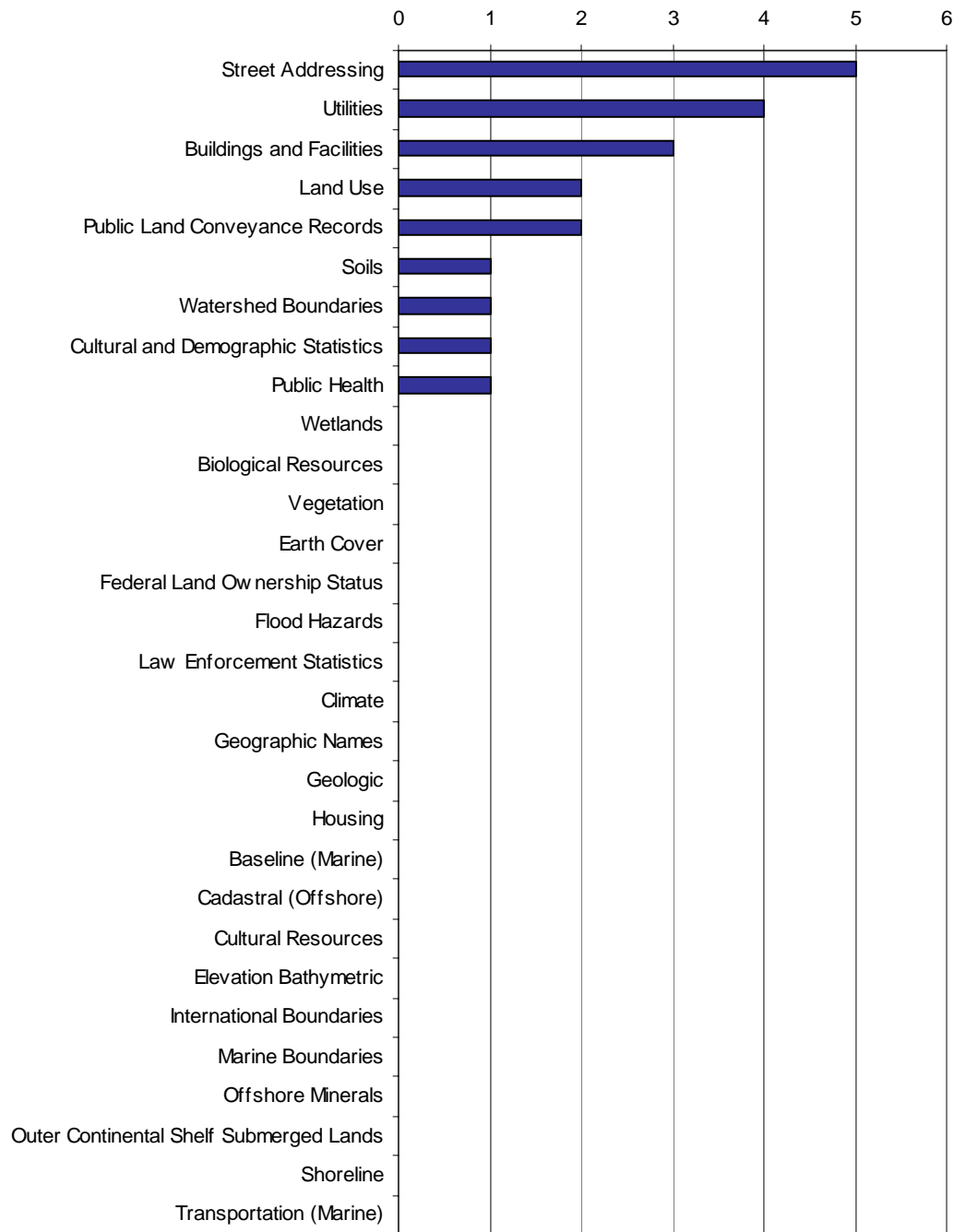Figure 3. State government votes for California-centric themes

	0	1	2	3	4	5	6
Street Addressing							
Utilities							
Buildings and Facilities							
Land Use							
Public Land Conveyance Records							
Soils							
Watershed Boundaries							
Cultural and Demographic Statistics							
Public Health							
Wetlands							
Biological Resources							
Vegetation							
Earth Cover							
Federal Land Ownership Status							
Flood Hazards							
Law Enforcement Statistics							
Climate							
Geographic Names							
Geologic							
Housing							
Baseline (Marine)							
Cadastral (Offshore)							
Cultural Resources							
Elevation Bathymetric							
International Boundaries							
Marine Boundaries							
Offshore Minerals							
Outer Continental Shelf Submerged Lands							
Shoreline							
Transportation (Marine)							

Figure 4. Private interest votes for California-centric themes

Participants were also asked to use one vote to prioritize the core data themes. The results are shown below:
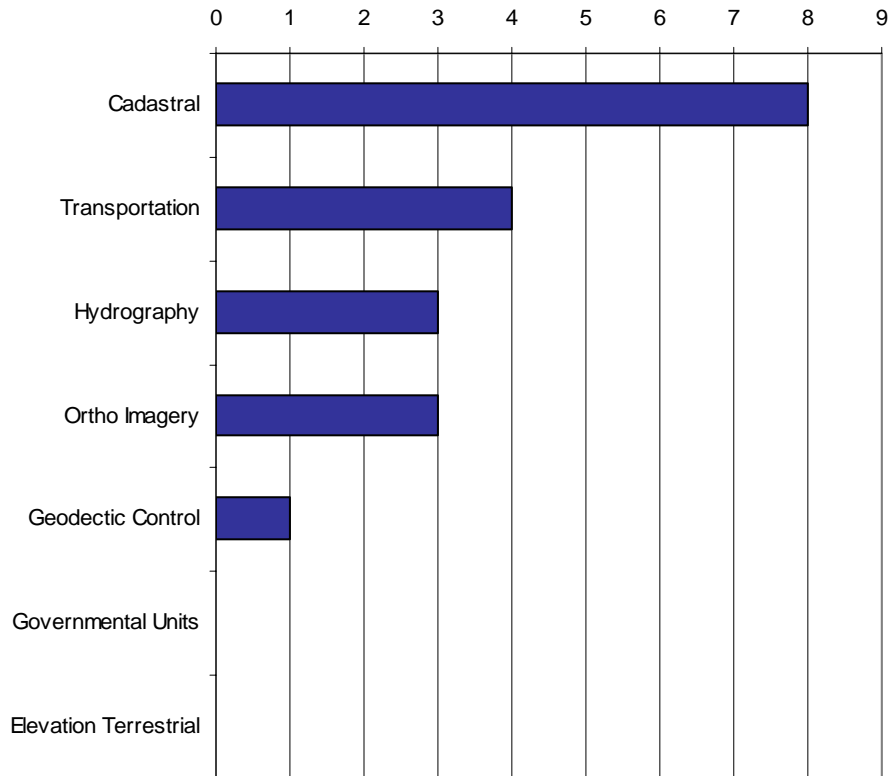

Figure 5. Total votes for core framework data themes

Notes from the sixth workshop follow. They have been captured into a generic Draft Data Plan template. Results and subsequent research will be consolidated into the Draft Data Plan. Data themes are sorted most votes to fewest. *Italic fonts indicate information that was collected through research based on input from workshop participants.*

Workshop participants, please send your comments, corrections, and additional information to: CAGeoFrame@mbakercorp.com.

CALIFORNIA-CENTRIC THEMES

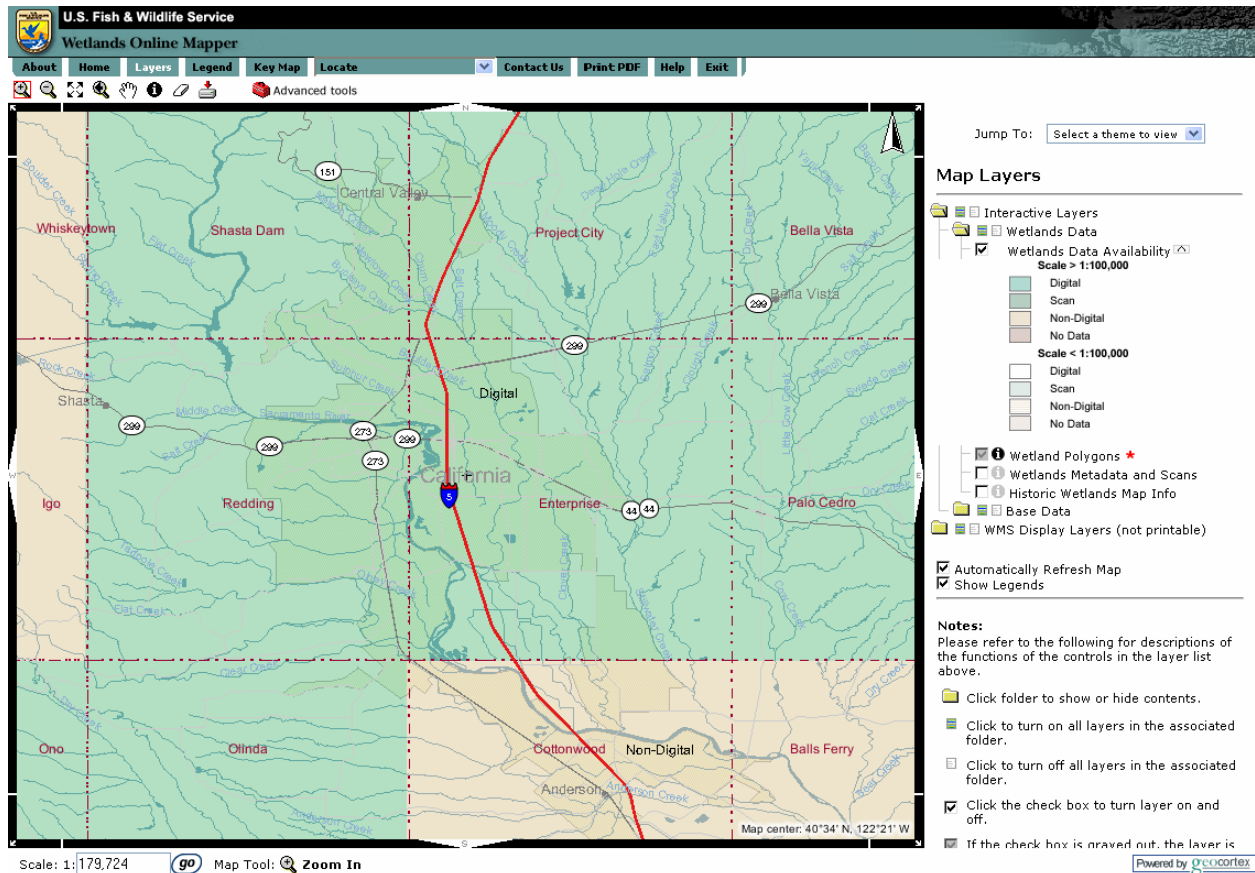| STREET ADDRESSING	
THEME DESCRIPTION	Workshop participants expressed an interest in street addressing data represented as points of entry onto the property.
THEME USES	911 response, building permits, education – showing the process of converting a flat file to a spatial one, and studying transit-dependent riders.
RELATIONSHIP TO OTHER DATA THEMES	Cadastral, Cultural and Demographic Statistics, Transportation, and Law Enforcement Statistics.
SOURCE OF DATA	Local agencies have address ranges in their centerline files. New TIGER data from the US Census has improved centerlines. Commercial data sources are purchased by many users to meet their addressing business needs.
STATUS	*To be completed for Draft Data Plan.*
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*

UTILITIES	
THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Locating utilities within rights-of-way, emergency planning.
RELATIONSHIP TO OTHER DATA THEMES	*To be completed for Draft Data Plan.*
SOURCE OF DATA	City of Redding has water, sewer, storm drain data that it shares. PG&E won't share locations of gas facilities with Redding because PG&E considers them a competitor. Utility companies, in general, will not share their utility locations or equipment specifics.
STATUS	*To be completed for Draft Data Plan.*
STANDARDS	*To be completed for Draft Data Plan.*

UTILITIES	
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	In an attempt to collect utilities data, Caltrans requires an encroachment process for utilities placed in Caltrans rights-of-way, including location data.

LAND USE

Source: California General Plan Map

THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Build out for residential and commercial developments, decision making for planners, natural resource conservation

LAND USE

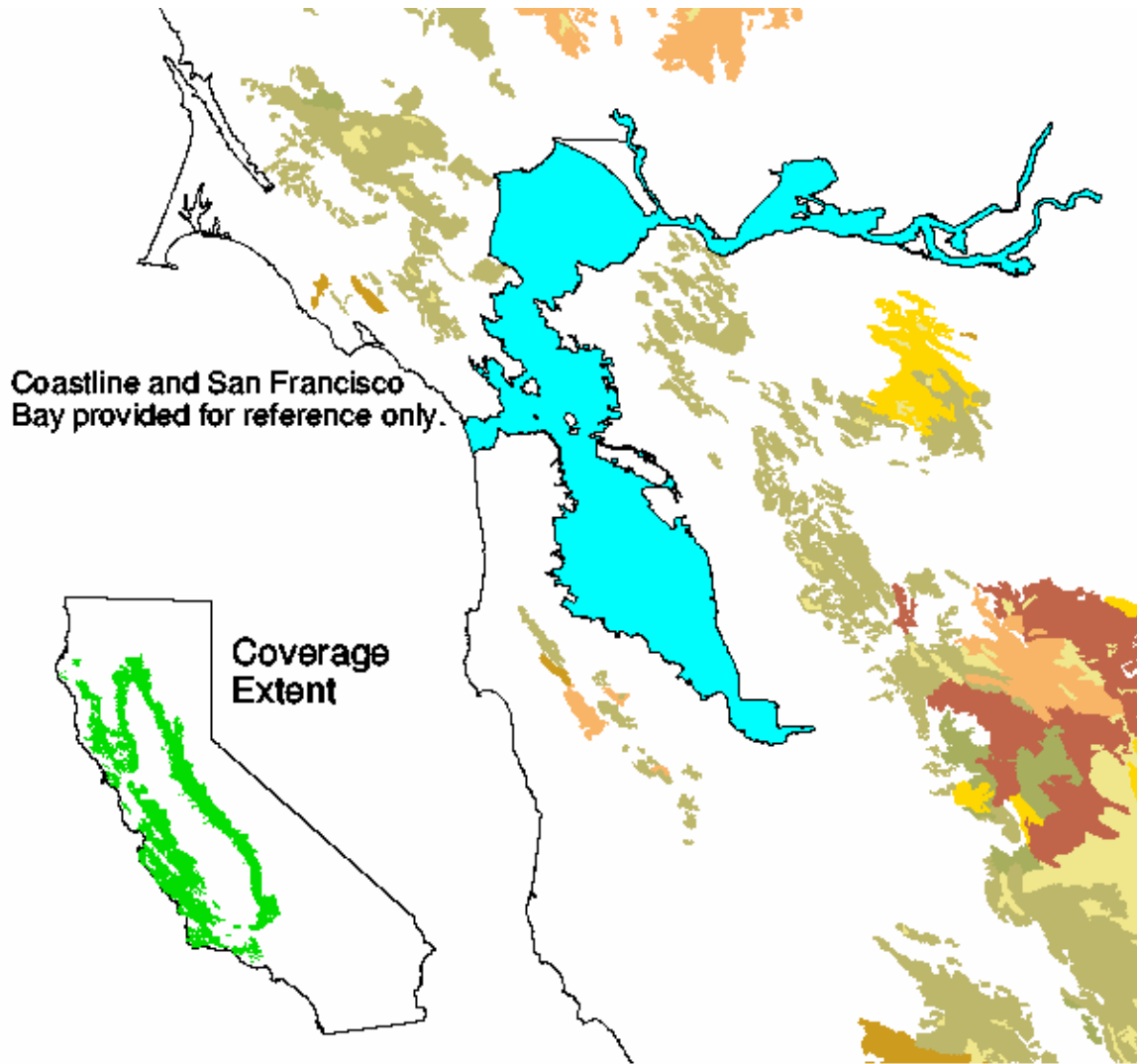|	
	planning, FEMA requires local hazard information plans, and Tehama General Plan.
RELATIONSHIP TO OTHER DATA THEMES	Utilities, Biological Resources
SOURCE OF DATA	CDF's FRAP and CERES contain some land use data. The State of California's Legacy GIS Catalog has a 58-county general plan map from 2004.
STATUS	The Legacy Catalog is available on the California Spatial Information Library (CaSIL): http://gis.ca.gov/
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	Participants felt it was important to have land use data shared regionally for the purpose of planning

WETLANDS

Source: U.S. Fish and Wildlife Service

THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Water usage, mitigation for developments, and site assessment.
RELATIONSHIP TO OTHER DATA THEMES	Biological Resources
SOURCE OF DATA	The U.S. Fish and Wildlife Service's National Wetlands Inventory (NWI) covers parts of California at a large scale. The San Francisco Estuary Institute has a wetlands data at wetlandstracker.org. The City of Redding has private firms collect wetlands data for specific projects. These data cannot be compiled together because they are produced with the standards of different firms.
STATUS	NWI data can be found at: http://www.fws.gov/nwi/
STANDARDS	Participants emphasized the need for data standards so that data from different sources can be compiled.
PRIMARY DATA	*To be completed for Draft Data Plan.*

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WETLANDS	
USERS & STAKEHOLDERS	
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*

BUILDINGS AND FACILITIES	
THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Local area planning, emergency response, hazard mitigation, facility maintenance, and 3d modeling.
RELATIONSHIP TO OTHER DATA THEMES	Imagery and Elevation
SOURCE OF DATA	Shasta County doesn't issue business licenses, so the County does not know what's in many buildings.
STATUS	This is one of the weakest data sources.
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*

BIOLOGICAL RESOURCES

Coastline and San Francisco Bay provided for reference only.

Coverage Extent

Source: FRAP

THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Characterizing ecological values with wetlands, timber harvest review, and planning new developments.
RELATIONSHIP TO OTHER DATA THEMES	Land Use, Vegetation, and Soils.
SOURCE OF DATA	State agencies share these data internally. There are many specific studies with this type of data, but the data are produced to different standards. CDF's FRAP data and the CNNDB are additional sources.
STATUS	*To be completed for Draft Data Plan.*

BIOLOGICAL RESOURCES	
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*

WATERSHED BOUNDARIES	
THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Characterizing ecological values with wetlands, timber harvest review, and planning new developments.
RELATIONSHIP TO OTHER DATA THEMES	Land Use, Vegetation, and Soils.
SOURCE OF DATA	Local agencies supplement CalWater data with local data sources. CalWater data is part of the Watershed Boundary Dataset (WBD).
STATUS	WBD data can be downloaded from the USDA Geospatial Data Gateway. However it is currently unavailable for California: http://datagateway.nrcs.usda.gov/
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*

CORE FRAMEWORK THEMES

CADASTRAL	
THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Permission to access land, timber ownership, notification or projects, and landscape planning—determining who owns land.

CADASTRAL

RELATIONSHIP TO OTHER DATA THEMES	*To be completed for Draft Data Plan.*
SOURCE OF DATA	*To be completed for Draft Data Plan.*
STATUS	*To be completed for Draft Data Plan.*
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	The Digital Land Records Working Group of the California GIS Council is looking at ways of maintaining cadastral data for the entire state.

TRANSPORTATION

THEME DESCRIPTION	*To be completed for Draft Data Plan.*
THEME USES	Emergency response.
RELATIONSHIP TO OTHER DATA THEMES	*To be completed for Draft Data Plan.*
SOURCE OF DATA	USGS Digital Line Graphs, Forest Service private road data, and update TIGER Line files are potential sources of transportation data.
STATUS	*To be completed for Draft Data Plan.*
STANDARDS	*To be completed for Draft Data Plan.*
PRIMARY DATA USERS & STAKEHOLDERS	*To be completed for Draft Data Plan.*
POTENTIAL DATA HOSTS	*To be completed for Draft Data Plan.*
COMMENTS	*To be completed for Draft Data Plan.*