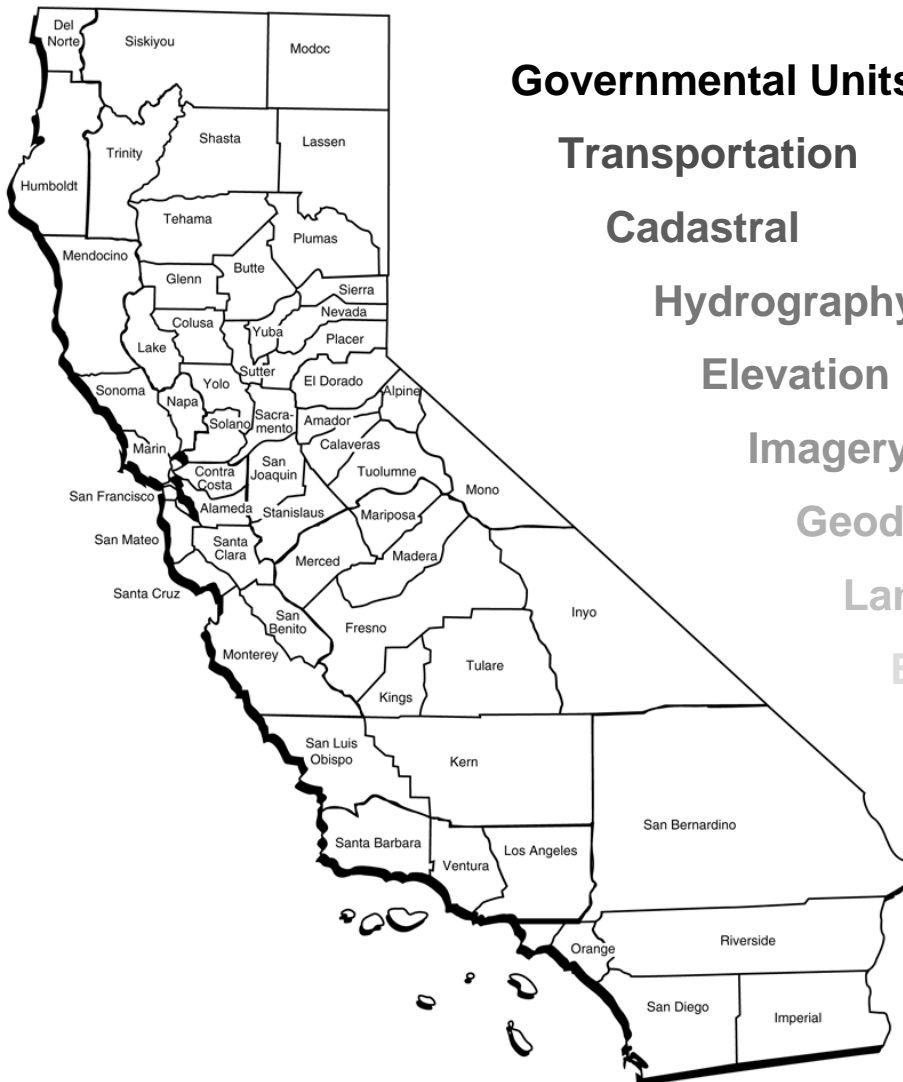


WORKSHOP 5 SUMMARY

FOR

CALIFORNIA GEOSPATIAL FRAMEWORK DRAFT DATA PLAN

July 31, 2006



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ChallengeUs.

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The fifth outreach workshop for the California Geospatial Framework Draft Data Plan was held on Thursday, July 13, 2006 in Los Angeles. 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 majority of the thirteen workshop participants came from local or regional agencies and private companies. There was limited state and federal agency representation.

Based on participant voting (funding allocation), several data themes emerged as clear contenders as California-centric themes: Public Land Conveyance Records, Biological Resources, Buildings and Facilities, Soils, Vegetation, and Land Use. No themes overlap among this and all four previous workshops.

Land Use was identified as a data theme that was not fully captured among the NSDI data themes. It was added for this fifth workshop and the last workshop as a candidate California-centric data theme choice.

See Figure 1 for the total votes for each potential California-centric theme for the fifth workshop. Figures 2, 3, 4, and 5 show the number of votes from local/regional, state, federal, and private interests, respectively. Figure 6 shows the number of votes for the framework data themes.

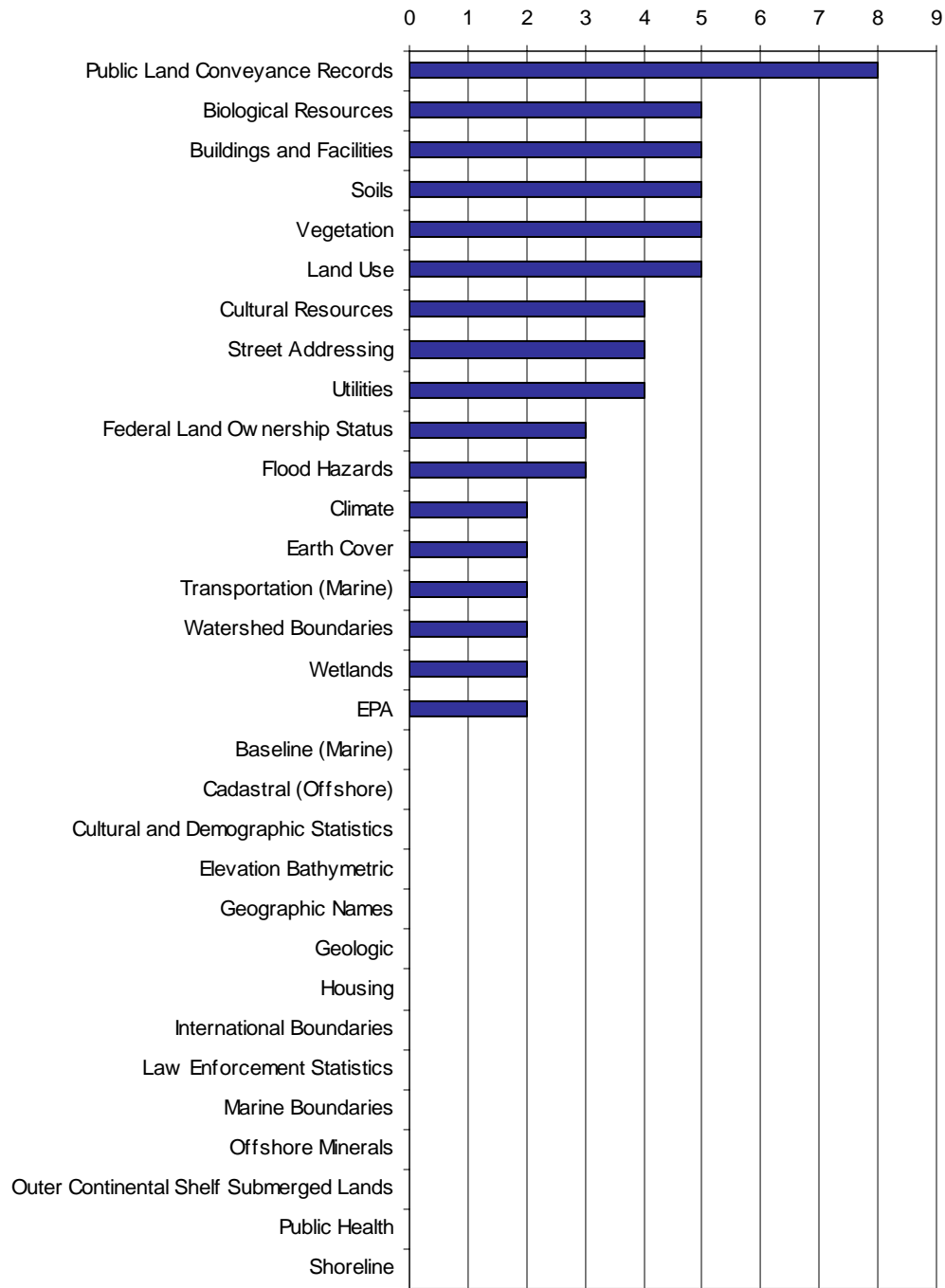


Figure 1. Total votes for California-centric themes

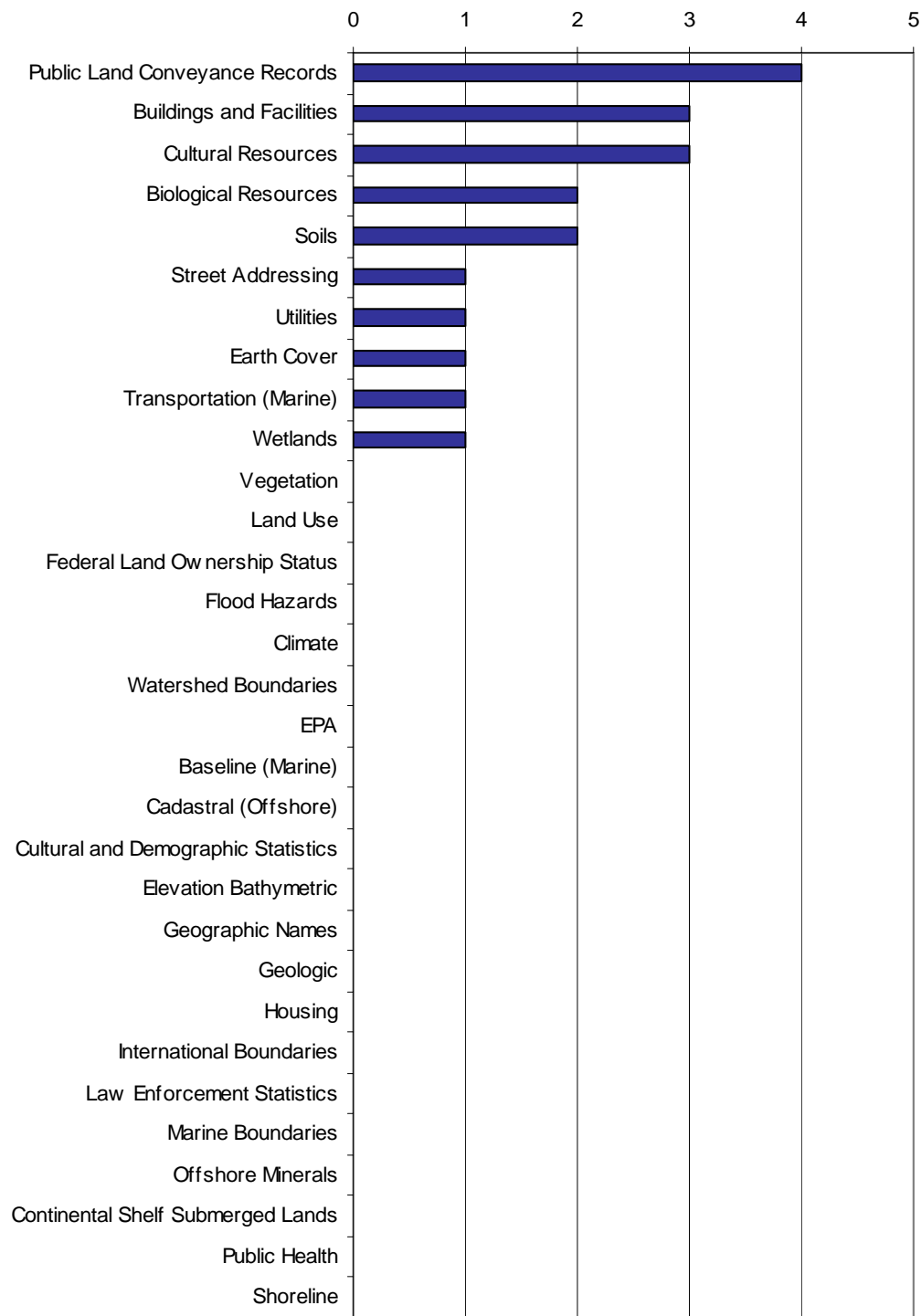


Figure 2. Local government votes for California-centric themes

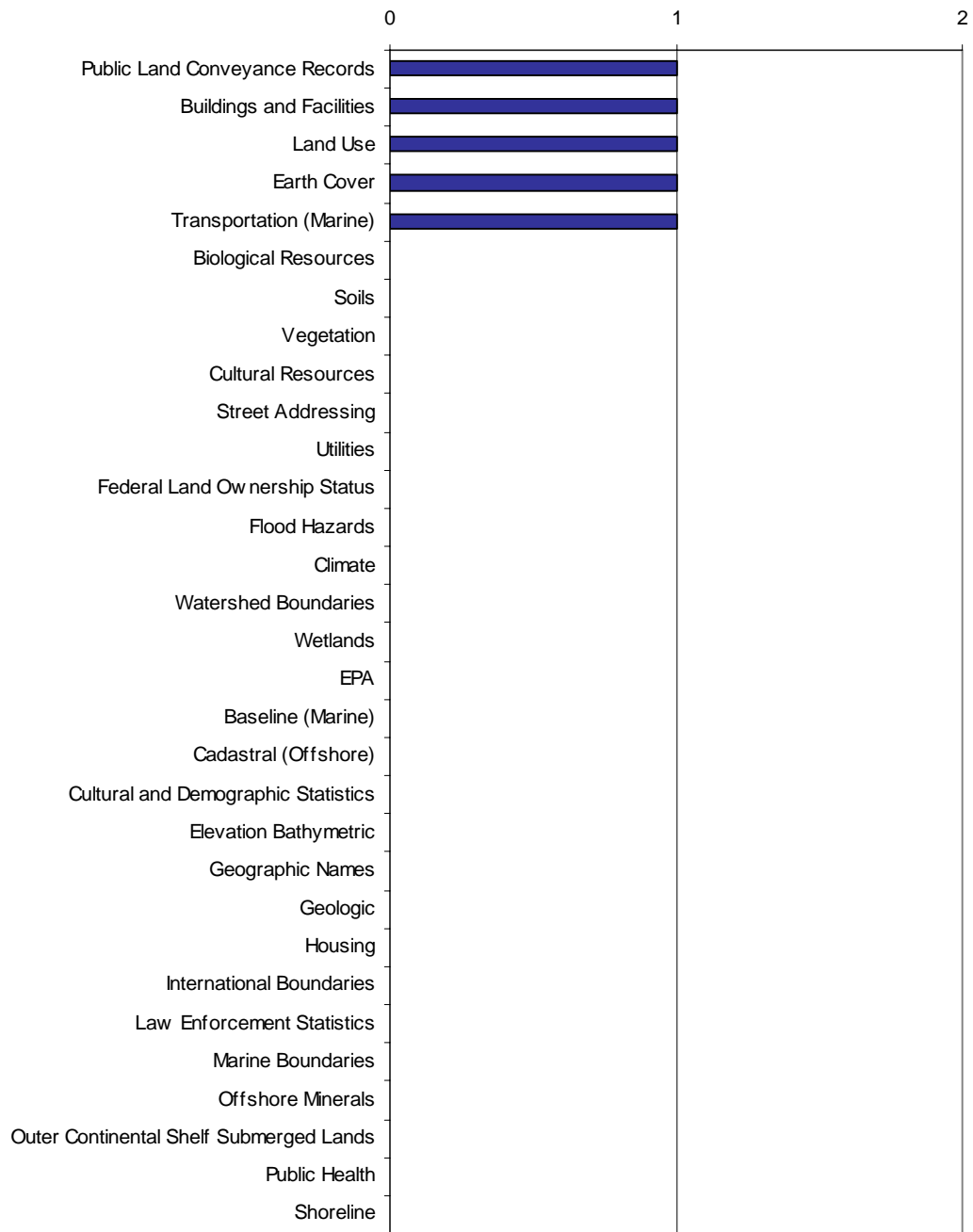


Figure 3. State government votes for California-centric themes

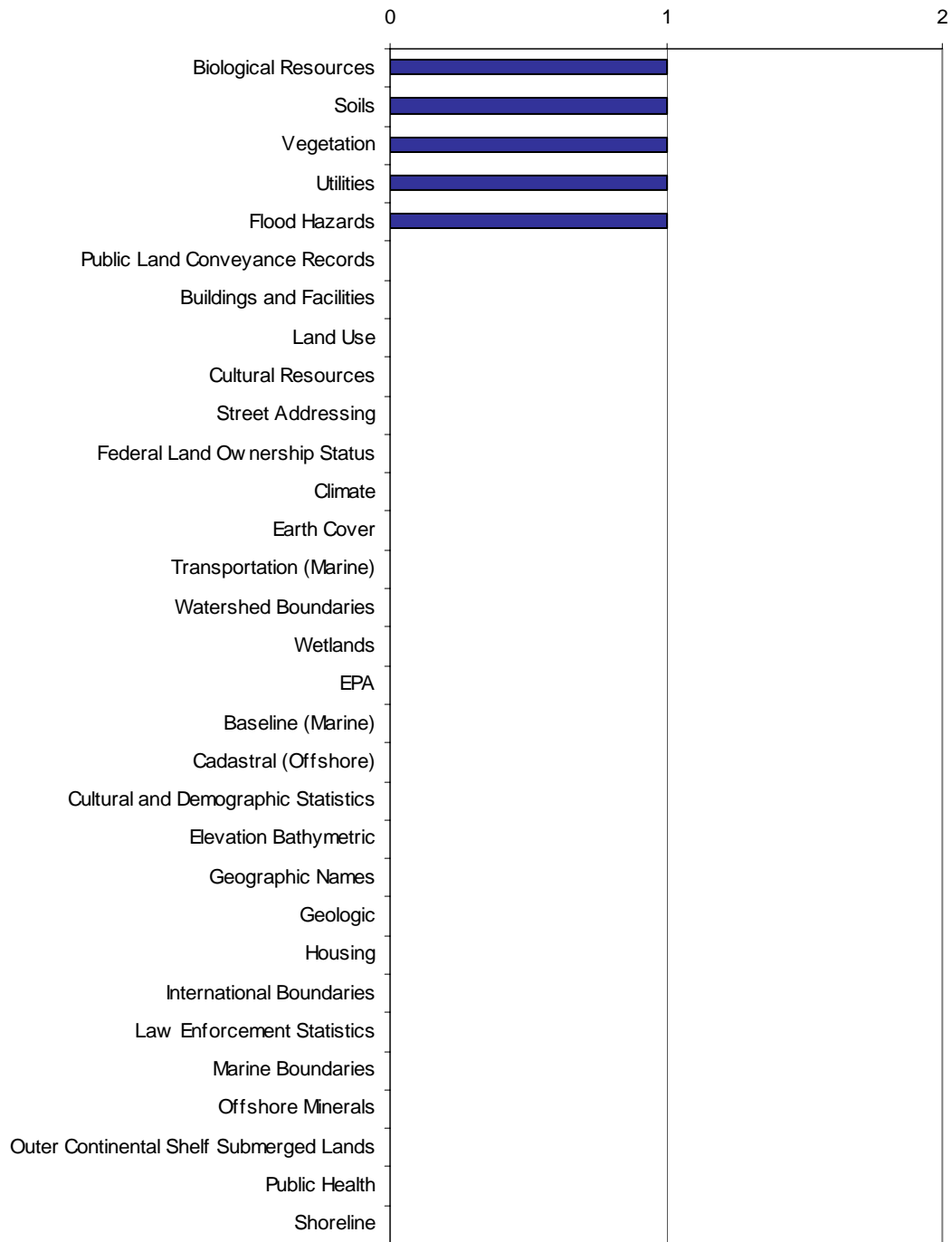


Figure 4. Federal government votes for California-centric themes

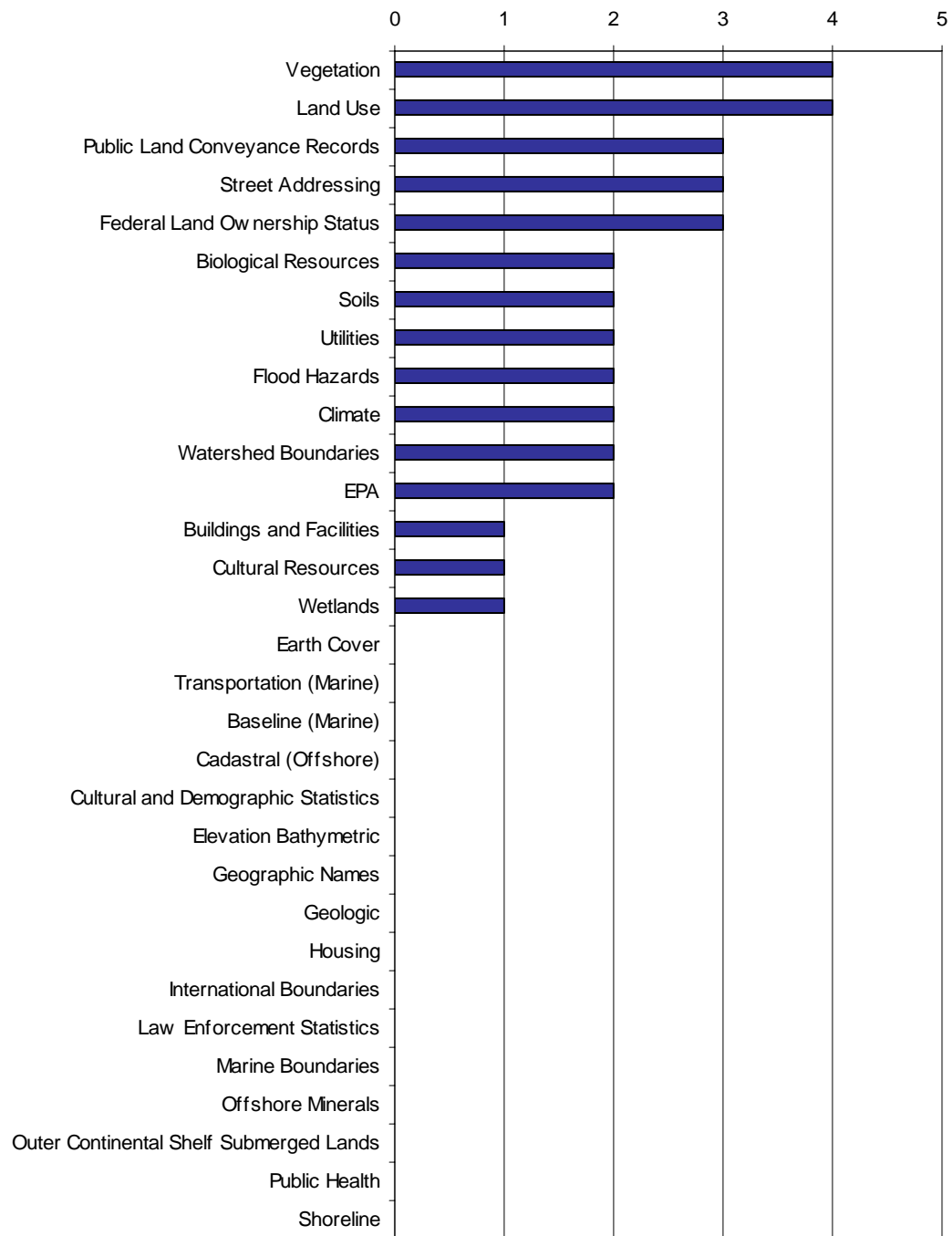


Figure 5. Private interest votes for California-centric themes

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

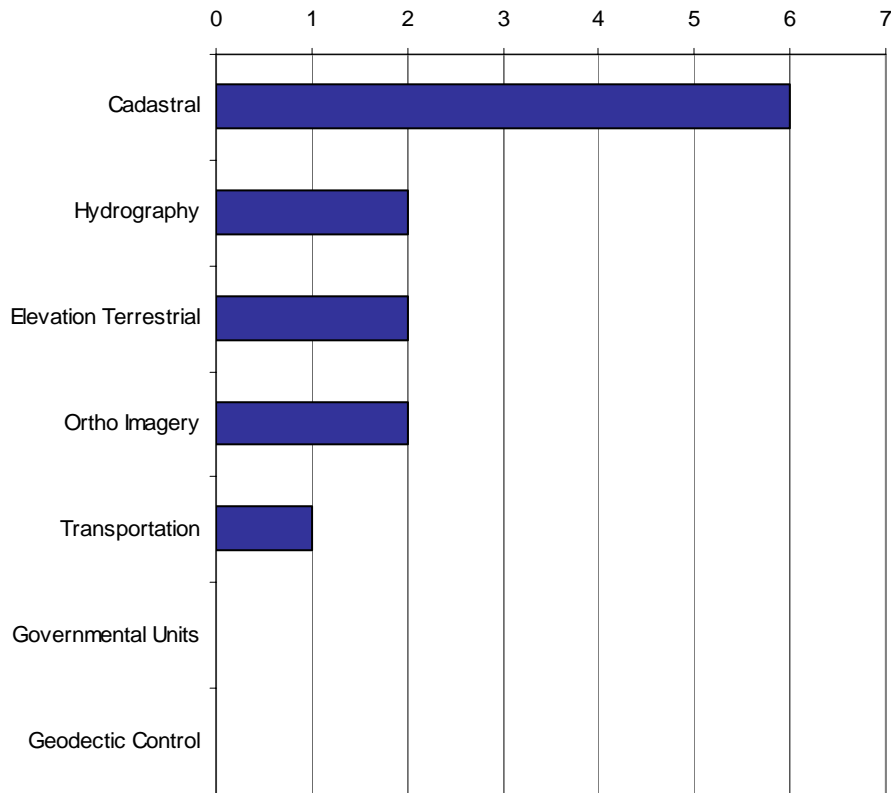


Figure 6. Total votes for core framework data themes

Notes from the fifth 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.*

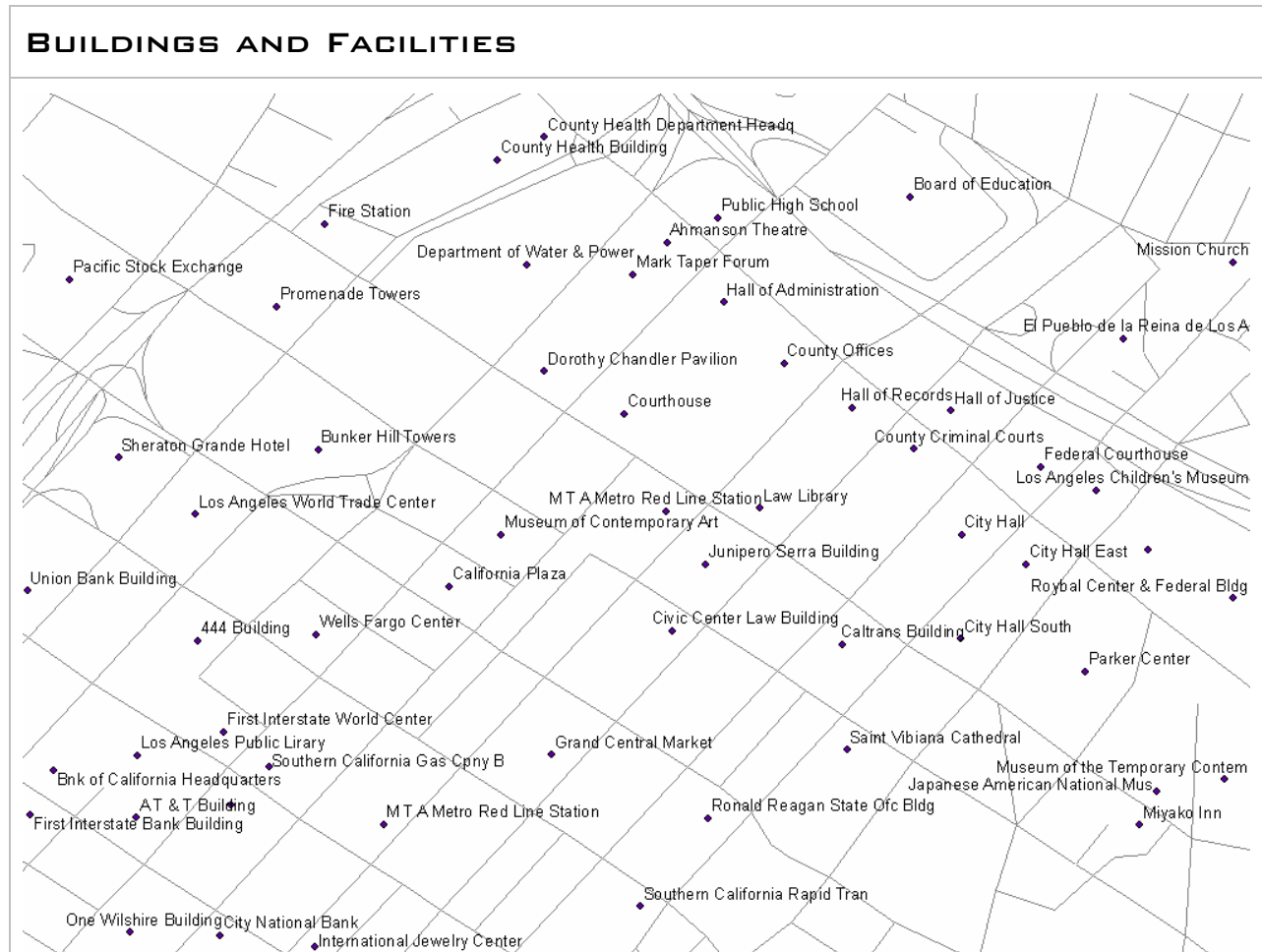
Workshop participants, please send your comments, corrections, and additional information to: CAGeoFrame@mbakercorp.com.

CALIFORNIA-CENTRIC THEMES

PUBLIC LAND CONVEYANCE RECORDS	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	Growth modeling, easements, monitoring that regional plans are being implemented
RELATIONSHIP TO OTHER DATA THEMES	Cadastral, Federal Land Ownership Status, Ortho Imagery, Transportation
SOURCE OF DATA	SANDAG maintains data that is updated with land use every three years. Win2data is a third party source that has current and future land use, but is not spatial. County assessors often maintain public land conveyance records. Hanes and CD Data are other third party commercial data sources.
STATUS	<i>To be completed for Draft Data Plan.</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	No statewide or multi-region public data sources were identified. The regional and local data available meet needs, but would be more useful if they were kept current.

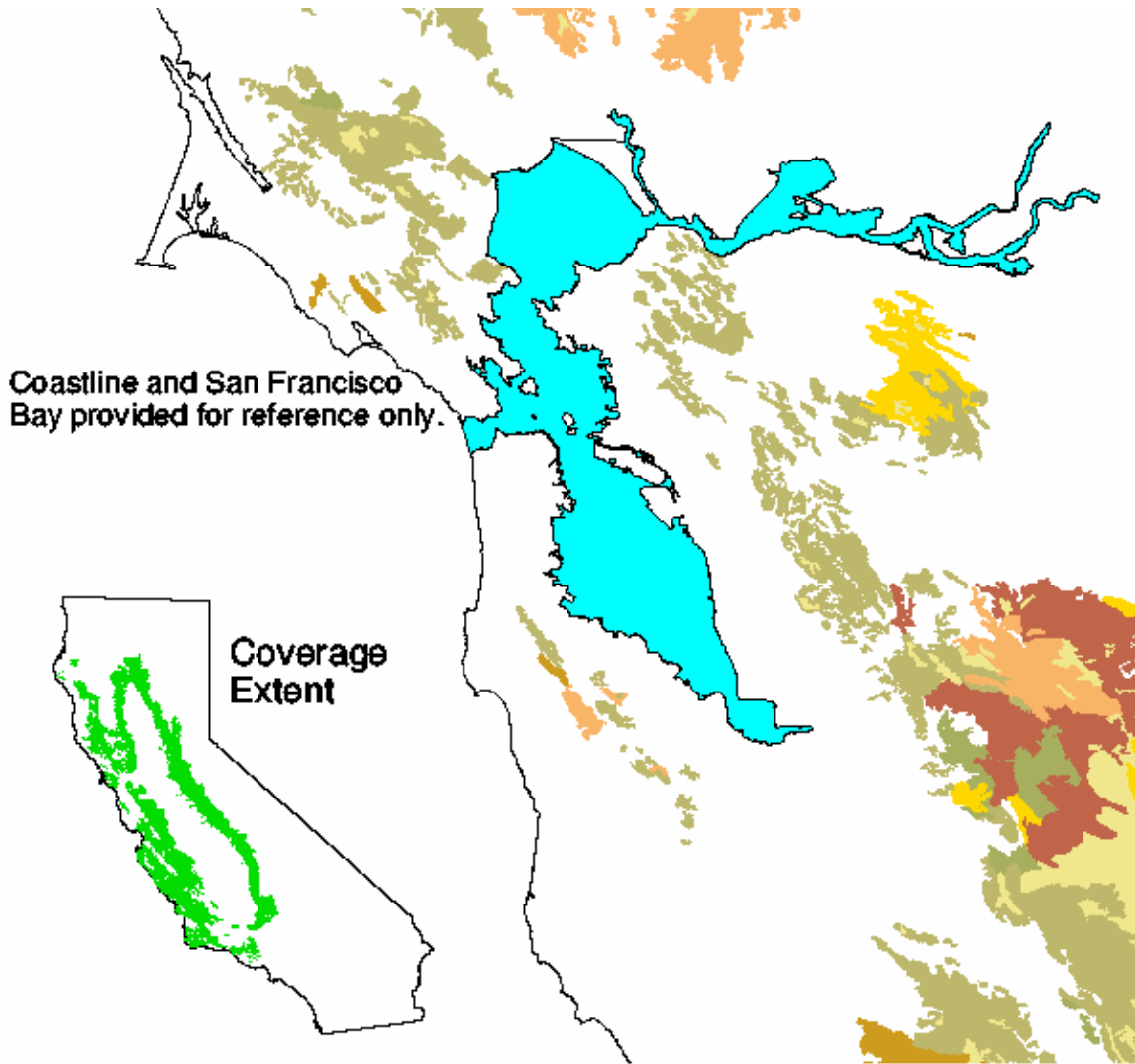
BIOLOGICAL RESOURCES	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	Environmental permits, EIRs for regional transportation and comprehensive plans, constraints to growth forecast and regional housing needs assessment, vegetation management, environmental constraints.
RELATIONSHIP TO OTHER DATA THEMES	Vegetation, Ortho Imagery, Soils, and Elevation
SOURCE OF DATA	US Fish & Wildlife Service (FWS) and the Department of Fish & Game have some data. FWS data and metadata are available on the

BIOLOGICAL RESOURCES	
	web. The Salton Sea Authority has local data. UC Santa Barbara performed a gap study that includes endangered species. The Army Corps of Engineers collects data for projects in specific areas, but the data is not shared. The National Diversity Database (CNDDDB) is updated twice per year and includes GIS data with buffered polygons.
STATUS	<i>To be completed for Draft Data Plan.</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	A statewide or multi-region data source was not identified.



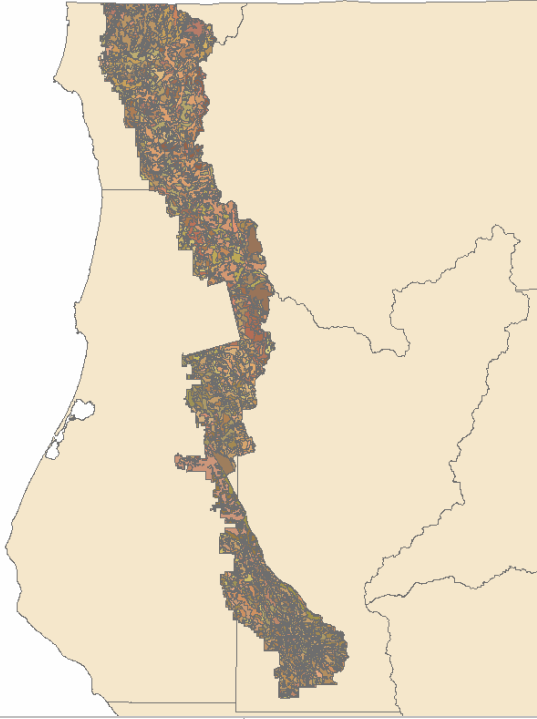
BUILDINGS AND FACILITIES	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	Emergency modeling, collateral information for land use interpretation, input for transportation modeling, emergency planning around gas compressor facilities
RELATIONSHIP TO OTHER DATA THEMES	Transportation, ortho imagery, land use, and cadastral
SOURCE OF DATA	Census TIGER files contain some buildings and facilities. Thomas Brothers cultural features is a third party commercial source for data. HAZUS CDs have hospitals and police stations. SANDAG has building footprint data available for free on their website.
STATUS	
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	Workshop participants noted that Buildings and Facilities are often requested by municipal governments. A statewide or multi-region data source was not identified.

VEGETATION



THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	Environmental constraints, regulatory permits, environmental permits for construction, pervious surfaces, constraints on housing, manage water usage, water budget, estimating fire impacts, slope stability, fire impacts.
RELATIONSHIP TO OTHER DATA THEMES	BLM Lands, US Forests
SOURCE OF DATA	FRAP data which originally comes from UCSB is available at 1:100,000 or 1:250,000 scale. San Diego has an 11-year-old vegetation layer for the county.

VEGETATION	
STATUS	<i>FRAP data can be found at http://frap.cdf.ca.gov.</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	The nature of vegetation makes the vector data model inappropriate for capturing its distribution. Hyperspectral imagery is a much more useful representation of this data theme.


SOILS	
	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	Environmental impact analysis, growth forecasting constraints, erosion studies, storm water drainage.

SOILS	
RELATIONSHIP TO OTHER DATA THEMES	<i>To be completed for Draft Data Plan.</i>
SOURCE OF DATA	State Soil Geographic (STATSGO) Database and Soil Survey Geographic (SSURGO) Database are low-resolution and high-resolution soil data sources, respectively, produced by the Natural Resources Conservation Service.
STATUS	<i>STATSGO and SSURGO data can be downloaded from the NRCS Soil Data Mart: http://soildatamart.nrcs.usda.gov/</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	The STATSGO database is being updated and renamed to the Digital General Soil Map of the United States. The update is scheduled to be completed by the end of summer 2006.

LAND USE	
THEME DESCRIPTION	<i>Agricultural vs. Urban</i>
THEME USES	Land use and corridors for utilities, citing transmission lines, site suitability for developers.
RELATIONSHIP TO OTHER DATA THEMES	
SOURCE OF DATA	SCAG has a land use database based on imagery that contains 105 categories. It is updated every 3 years and available on the internet. GIRAS is an older source of data available from USGS.
STATUS	<i>To be completed for Draft Data Plan.</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA	<i>To be completed for Draft Data Plan.</i>

LAND USE	
HOSTS	
COMMENTS	This data theme was suggested by participants who felt that it was not captured by any of the NSDI data themes. A statewide data source was not identified.

CORE FRAMEWORK THEMES

ORTHO IMAGERY	
	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	<i>To be completed for Draft Data Plan.</i>
RELATIONSHIP TO OTHER DATA THEMES	<i>To be completed for Draft Data Plan.</i>

ORTHO IMAGERY	
SOURCE OF DATA	<i>To be completed for Draft Data Plan.</i>
STATUS	<i>To be completed for Draft Data Plan.</i>
STANDARDS	4-inch to 6-inch resolution is normally required for local government uses.
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	The pending (Fall 2006) NAIP true color imagery was noted as a statewide public data source.

ELEVATION	
THEME DESCRIPTION	<i>To be completed for Draft Data Plan.</i>
THEME USES	<i>To be completed for Draft Data Plan.</i>
RELATIONSHIP TO OTHER DATA THEMES	<i>To be completed for Draft Data Plan.</i>
SOURCE OF DATA	<i>To be completed for Draft Data Plan.</i>
STATUS	<i>To be completed for Draft Data Plan.</i>
STANDARDS	<i>To be completed for Draft Data Plan.</i>
PRIMARY DATA USERS & STAKEHOLDERS	<i>To be completed for Draft Data Plan.</i>
POTENTIAL DATA HOSTS	<i>To be completed for Draft Data Plan.</i>
COMMENTS	Participants expressed a desire for a seamless dataset that doesn't need to be downloaded in panels, and they also sought improved accuracy of data.