WORKSHOP 4 SUMMARY

FOR

CALIFORNIA GEOSPATIAL FRAMEWORK
DRAFT DATA PLAN

July 11, 2006

Governmental Units
Transportation
Cadastral
Hydrography
Elevation
Imagery
Geodetic Control
Land Use/Land Cover
Environmental
Emergency Operations
The fourth outreach workshop for the California Geospatial Framework Draft Data Plan was held on Thursday, June 29, 2006 in Oakland. 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 fourteen 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: Buildings and Facilities, Vegetation, Climate, Earth Cover, Flood Hazards, Street Addressing, and Cultural and Demographic Statistics. No themes overlap among this and the three previous workshops.

See Figure 1 for the total votes for each potential California-centric theme for the fourth 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
California Geospatial Framework
Workshop 4 summary

State Government Votes for California-Centric Themes

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

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:

![Bar chart showing total votes for core framework data themes]

Figure 6. Total votes for core framework data themes

Notes from the fourth 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

### Buildings and Facilities

<table>
<thead>
<tr>
<th>Theme Description</th>
<th>To be completed for Draft Data Plan.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theme Uses</td>
<td>Identifying low density areas for urban infill, emergency management services, siting public transportation, and inventory of campus facilities.</td>
</tr>
<tr>
<td>Relationship to Other Data Themes</td>
<td>Street addressing, utilities, and cadastral</td>
</tr>
<tr>
<td>Source of Data</td>
<td>This data is generally maintained at the county level. Building permits are a potential source. Risk management insures may be a private source of data.</td>
</tr>
<tr>
<td>Status</td>
<td>To be completed for Draft Data Plan.</td>
</tr>
<tr>
<td>Standards</td>
<td>To be completed for Draft Data Plan.</td>
</tr>
<tr>
<td>Primary Data Users &amp; Stakeholders</td>
<td>To be completed for Draft Data Plan.</td>
</tr>
<tr>
<td>Potential Data Hosts</td>
<td>To be completed for Draft Data Plan.</td>
</tr>
<tr>
<td>Comments</td>
<td>To be completed for Draft Data Plan.</td>
</tr>
</tbody>
</table>
### Vegetation

<table>
<thead>
<tr>
<th>Theme Description</th>
<th>To be completed for Draft Data Plan.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theme Uses</td>
<td>Habitat suitability analysis, tree maintenance, and planning.</td>
</tr>
<tr>
<td>Relationship to Other Data Themes</td>
<td>Elevation, soils, climate, buildings and facilities</td>
</tr>
<tr>
<td>Source of Data</td>
<td>The California Department of Forestry and Fire Protection (CDF) Fire and Resource Assessment Program (FRAP) has downloadable vegetation data derived from LANDSAT imagery every 5 years. Some gaps are filled by NLC (USGS).</td>
</tr>
<tr>
<td>Status</td>
<td>FRAP data can be found at <a href="http://frap.cdf.ca.gov">http://frap.cdf.ca.gov</a>.</td>
</tr>
</tbody>
</table>
### Vegetation

**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.

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### Climate

**Theme Description**

To be completed for Draft Data Plan.

**Theme Uses**

Species prediction distribution models, real estate (info for buyers), water conservation (zero-scaping), fire behavior modeling, and construction planning.

**Relationship to Other Data Themes**

To be completed for Draft Data Plan.

**Source of Data**

WorldClim is a free online source of interpolated climate data for 1950 through 1990 with a spatial resolution of one square kilometer. Permission is required for redistribution or commercial use of WorldClim data. NASA and NOAA are potential sources of higher resolution climate data.

**Status**

WorldClim can be found at http://www.worldclim.org.

**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**

This is a very local issue and it is hard to track even at the county level.
**Earth Cover**

<table>
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<tr>
<td>Theme Uses</td>
<td>Habitat suitability analysis and areas of endoism.</td>
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<tr>
<td>Relationship to Other Data Themes</td>
<td>To be completed for Draft Data Plan.</td>
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<tr>
<td>Source of Data</td>
<td>Earth cover data is generally derived from LANDSAT. ESRI’s Digital Chart of the World has earth cover data from the early 1990s, which is of limited use. The California Department of Conservation has a Farm Mapping and Monitoring Program (FMMP) that includes earth cover among its data layers. The FMMP tries to track how agricultural land is being taken up by other uses. The data are free to download.</td>
</tr>
<tr>
<td>Status</td>
<td>FMMP data can be found at <a href="http://www.consrv.ca.gov/DLRP/fmmp/index.htm">http://www.consrv.ca.gov/DLRP/fmmp/index.htm</a></td>
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# Earth Cover

**Hosts**

**Comments** 
*To be completed for Draft Data Plan.*

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# Street Addressing

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<tbody>
<tr>
<td>Theme Uses</td>
<td>E-911</td>
</tr>
<tr>
<td>Relationship to Other Data Themes</td>
<td>Buildings and facilities, and transportation</td>
</tr>
<tr>
<td>Source of Data</td>
<td>Phone companies have data that they do not share with the public. Most street addressing data is from third-party commercial resources. The Metropolitan Transportation Commission (MTC) was trying to collect this data at the regional level by licensing commercial datasets. The Alameda County Sheriff is creating point address data for the county.</td>
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<td><strong>Theme Uses</strong></td>
<td>Flood insurance, conservation reserve program, construction, dam inundation areas, and mitigation</td>
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<tr>
<td><strong>Relationship to Other Data Themes</strong></td>
<td>Elevation, cadastral, and buildings and facilities</td>
</tr>
<tr>
<td><strong>Source of Data</strong></td>
<td>FEMA is the main source for flood hazard data.</td>
</tr>
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# Core Framework Themes

## Cultural and Demographic Statistics

### U.S. Census Bureau

#### Theme Description

To be completed for Draft Data Plan.

#### Theme Uses

Public Transit

#### Relationship to Other Data Themes

Buildings and Facilities

#### Source of Data

The US Census is the main source for this data.

#### Status

Census data can be downloaded from American FactFinder: http://factfinder.census.gov

#### Standards

To be completed for Draft Data Plan.
## Cultural and Demographic Statistics

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