#### I. Overview

In order to maximize the value of the scheduled regional workshops, an online preworkshop survey was sent to representatives from sixteen regional collaboratives. The results of this survey were used as background for discussions during the seven workshops.

The survey was designed using the NSGIC Strategic Plan template as a guide, with particular focus on the Current Situation, Requirements, and Implementation sections. The survey was divided into three primary areas, including:

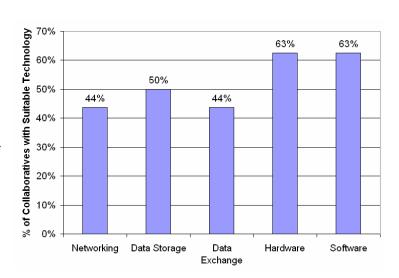
- 1. Regional Organizational Capacity
- 2. Spatial Data Infrastructure (SDI)
- 3. SDI Implementation

All sixteen collaboratives responded to the survey. An analysis of the results follows. An overview of survey responses and the individual regional collaborative results are attached.

# **II. Regional Organizational Capacity**

The first section of the survey asked questions regarding the organizational capacity of each regional collaborative. Questions focused on technology, funding, staffing, and policies.

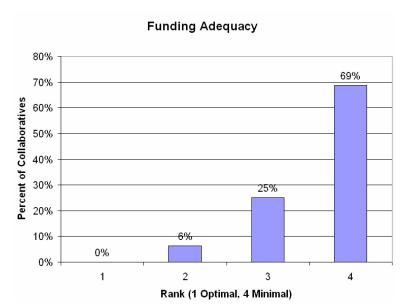
Graph 1 indicates the percentage of collaboratives whose technology is considered suitable in the areas of networking, data storage, data exchange, hardware, and software. According to respondents, technology is the most limited in the areas of networking and data exchange (44% of collaboratives considered technology suitable). Hardware and software was considered the most suitable with 63% of collaboratives answering positively.



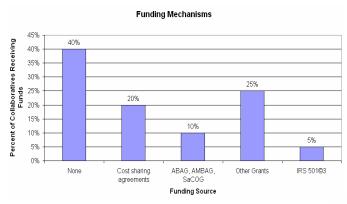
**Graph 1: Technology Suitability** 



Funding limitations were of great concern. 69% of regional collaboratives (11 of 16) felt there funding was minimal (see Graph 2). No respondents listed their funding as optimal. 50% of respondents (8 of 16) stated that they have no funding mechanisms in place. The remaining respondents were funded primarily by cost sharing agreements (25% or 4 respondents), ABAG, AMBAG, or SaCOG (12% or 2 respondents), IRS 501c4 (6% or 1 respondent), and other grants (38% or 6 respondents). See Graph 3.



**Graph 2: Funding Adequacy** 

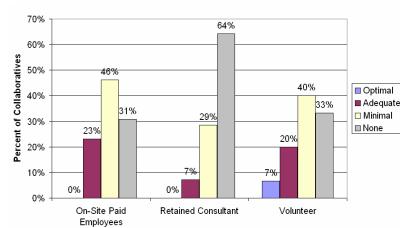


**Graph 3: Funding Mechanisms** 

Only 50% of the regional collaboratives (8 respondents) have personnel available to support regional GIS efforts, and those that do have employees, have less than 5.

On-site paid employees were the most common type of personnel (69% or 9 respondents) and retained consultants were the least common (36% or 5 respondents). See Graph 4.

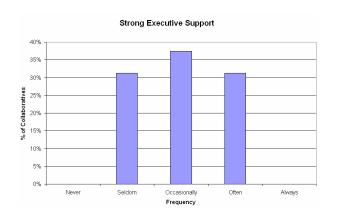
## **Availability of Personnel**



**Graph 4: Availability of Personnel** 



38% (6 respondents) said they "occasionally" enjoyed strong executive support. 31% (5 respondents) each said it was either "seldom" or "often" that they received strong executive support (see Graph 5). 75% (12 respondents) said they have a project oversight process in place but 75% also responded that there were policies that needed to be put in place or updated to better facilitate both work and the sharing of data.



**Graph 5: Executive Support** 

# III. Spatial Data Infrastructure (SDI)

All sixteen collaboratives were asked to identify the core seven and California-centric eleven data themes that they have available. These results are best summarized in a table (see Table 1). San Diego Regional Collaborative had the most datasets available (all 7 core, and 7 of the 11 California-centric). Ortho Imagery was the most widely available data with 7 of the collaboratives identifying this dataset.

Table 1: Dataset Availability	Bay Area Regional	Central Coast	Channel Islands	Eastern Sierra	Far North Regional	Gold Country Regional	Humboldt Area	Mendocino-Lake Regional	North Valley Regional	Sacramento Regional	San Diego Regional	San Joaquin Valley Regional	San Luis Obispo Regional	Sierra Nevada Regional	SocalGIS	SE California
Cadastral																
Ortho Imagery																
Transportation																ш
Elevation																Ш
Hydrography																$\square$
Geodetic Control																
Governmental Units																
Street Addressing																
Utilities																
Public Land Conveyance Records																
Buildings and Facilities																
Flood Hazards																
Vegetation																
Biological Resources																
Cultural and Demographic Statistics																
Soils																Ш
Wetlands																
Earth Cover																

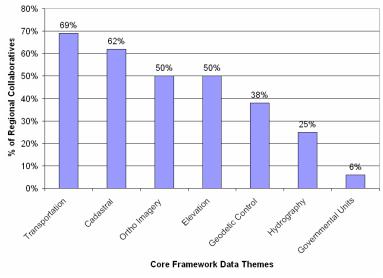


Each collaborative was then asked if any of the available datasets met standards (see Table 2). Only Sacramento and San Diego Regional Collaboratives had datasets that met standards. Additional questions were asked regarding accuracy, currency, and source for the data. Please refer to the attached summaries for these results.

**Table 2: Dataset Standards** 

Adopted Standards No Adopted Standards	Bay Area Regional	Central Coast	Channel Islands	Eastern Sierra	Far North Regional	Gold Country Regional	Humboldt Area	Mendocino-Lake Regional	North Valley Regional	Sacramento Regional	San Diego Regional	San Joaquin Valley Regional	San Luis Obispo Regional	Sierra Nevada Regional	SocalGIS	SE California
Cadastral																
Ortho Imagery																
Transportation		_														$\square$
Elevation																$\square$
Hydrography																
Geodetic Control																
Governmental Units																
Street Addressing																
Utilities																
Public Land Conveyance Records																
Buildings and Facilities																
Flood Hazards															Ш	
<u>Vegetation</u>		_													Ш	
Biological Resources		_													$\sqcup$	
Cultural and Demographic Statistics		<u> </u>													igwdown	Ш
Soils		_													$\sqcup$	
Wetlands		<u> </u>													$\square$	
Earth Cover																

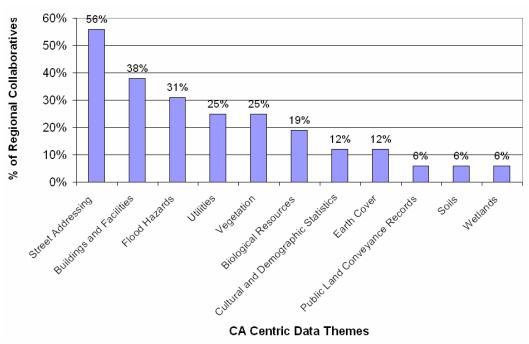
Each collaborative was asked which five datasets they would develop next (or improve upon). For the core seven data themes, transportation was the most common with 69% of respondents listing this category (see Graph 6).



Graph 6: Core Framework Dataset to Develop Next



Street Addressing was the most common of the 11 California-centric, with 56% of respondents listing this category (see Graph 7).



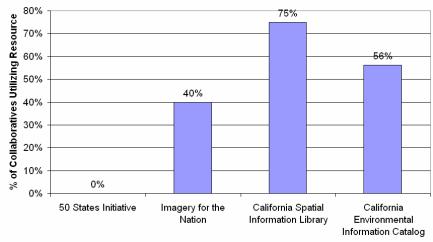
**Graph 7: CA Centric Data Themes to Develop Next** 

# **IV. SDI Implementation**

In the first 4 questions of this section, the regional collaboratives were asked which available resources they have used or are using (see Graph 8). The most commonly used resource is the California Spatial Information Library with 75% respondents saying they have used this resource. Alternatively, no regional collaborative has used the 50 States Initiative.

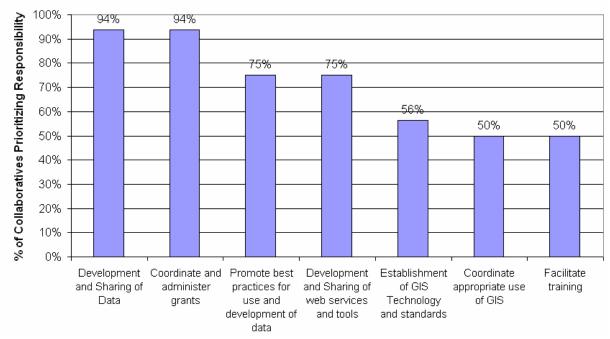


**Graph 8: Utilization of Available Resources** 





The final survey questions focused on governance and the establishment of a GIO. 85% of respondents viewed the establishment of a state government GIO as important. The most commonly identified roles and responsibilities for the GIO are identified in Graph 9. Additionally, 60% of respondents (9 collaboratives), felt the GIO should be placed in the new office of the State's Chief Information Officer.



Graph 9: GIS Roles and Responsibilities

The raw survey results follow.



Laurie Tighe, zPro Subscriber

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# CGIA\_Survey

Edit & Review Invite & Deploy Analyze Results

Results » Individual Responses » Raw Data Export

Results Overview Filter: No filter applied

Reports

**View Report:** 

Results Overview

New Cross Tab Report

**Filters** 

**Apply Filter:** 

No filter applied

**New Filter** 

Manage Saved Filters

**Options** 

**Show Responses:** 

Completes



- » Learn how to use filters
- » View a demo of reporting

CGIA\_Survey

**Survey Status: Active** Launched: 9/12/2007 1:00 PM Closed: N/A

Email Invites: 2 Visits: 47 Partials: Completes: 16 (Does not include blank responses)

Hello Regional Collaborative Lead(s), To maximize the value of the project workshops scheduled for October and November 2007 we are sending a pre-workshop survey for your completion. The results will be shared back with all Regional Collaboratives in advance of the first October workshop. The survey is designed to be relatively fast to complete while still providing necessary feedback to most effectively use the workshop time and complete the draft Phase 2 Plan using the NSGIC Strategic Plan template as a guide. There are three primary survey areas: 1) Regional Organizational Capacity (9 Questions); 2) Spatial Data Infrastructure (SDI) (17 Themes); and 3) SDI Implementation (8 Questions)

Please work with your regional team to complete the survey by Friday, September 28 close-of-business.

Let's start the survey >>>

1. What regional collaborative do you represent?

Bay Area Regional GIS Council	1	6%
Central Coast Joint Data Committee	1	6%
Channel Islands Regional GIS Collaborative	1	6%
Eastern Sierra GIS Network	1	6%
Far North Regional GIS Council	1	6%

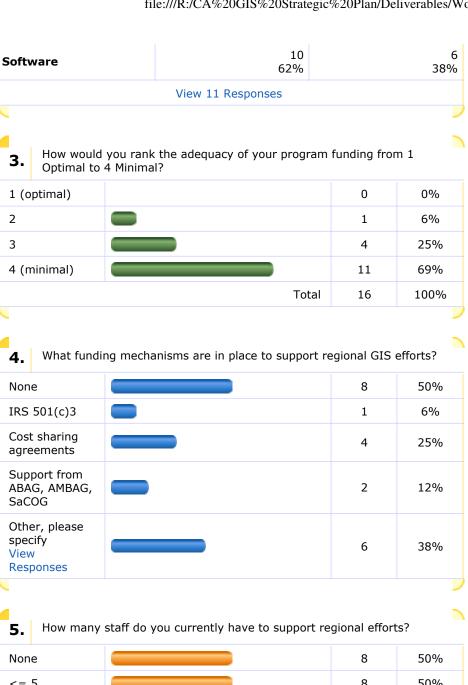
Gold Country Regional GIS Collaborative		1	6%
Humboldt Area GIS Collaborative		1	6%
Mendocino-Lake Regional Collaborative		1	6%
North Valley Regional GIS Council		1	6%
Sacramento Regional GIS Council		1	6%
San Diego Regional GIS Council		1	6%
San Joaquin Valley Regional GIS Council		1	6%
San Luis Obispo Regional Council		1	6%
Sierra Nevada Regional GIS Council		1	6%
SoCalGIS		1	6%
Southeastern California GIS Council		1	6%
	Total	16	100%

**REGIONAL ORGANIZATIONAL CAPACITY**Please spend a few minutes helping us understand the make-up of your region relative to technology, funding, personnel, and regional policy.

Is your technology suited to meet your regional geospatial business needs in the following areas: 2.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Yes	No
Networking	7 44%	9 56%
Data Storage	8 50%	8 50%
Data Exchange	7 44%	9 56%
Hardware	10 62%	6 38%

10/18/2007 2:11 PM 2 of 53



None	8	50%
<= 5	8	50%
> 5	0	0%
Tota	al 16	100%

What type of personnel do you have available? 6.

Top number is the count of respondents selecting the option. Bottom % is percent of the total respondents selecting the option.	Optimai	Adequate	Minimal	None
On-site Paid	0	3	6	4
Employees	0%	23%	46%	31%

Retained	0	1	4	9
Consultant	0%	7%	29%	64%
Volunteer	1	3	6	5
	7%	20%	40%	33%

**7.** How often do you enjoy strong executive support for your GIS efforts and initiative?

Never		0	0%
Seldom		5	31%
Occasionally		6	38%
Often		5	31%
Always		0	0%
	Total	16	100%

8. Do you have a formal process for project oversight?

Yes		4	25%
No		12	75%
	Total	16	100%
	View 5 Responses		

**9.** Does your agency have policies that need to be put in place, updated, or changed in order to better facilitate your work and the sharing of data?

Yes		12	75%
No		4	25%
	Total	16	100%
View	7 Responses		

**You have completed Section 1 of 3** Now let's move to the second of three sections >>>

#### CALIFORNIA SPATIAL DATA INFRASTRUCTURE (CA-SDI)

In October 2006, Michael Baker, Inc. published the California Geospatial Data Draft Plan report in partnership with the California Geographic Information Association (CGIA), the California GIS Council, USGS, and the California Resources Agency. The report was the key deliverable for an institution building CAP Grant Program, culminating a six-month process of interactive meetings in regional settings and an interactive web survey. The report identifies core and California-centric geospatial framework data and presents an implementation strategy.

The NSDI's seven core framework themes of geographic data are those that are produced and used by most organizations. National and state surveys indicate that the data themes are required by a majority of users, form a critical foundation for the NSDI, and have widespread usefulness. The seven

core framework data themes were prioritized by California survey participants as:

1. Cadastral 2. Ortho Imagery 3. Transportation 4. Elevation 5. Hydrography 6. Geodetic Control 7. Governmental Units

Workshop participants had the choice of 27 NSDI data themes to prioritize as California-centric themes. At the first workshop participants felt that the NSDI themes were missing two crucial themes: Street Addressing and Critical Infrastructure. Thus, the Street Addressing and Utilities themes were offered for voting at the first and subsequent workshops and the post-workshop survey. The prioritized California-centric framework data themes are:

1. Street Addressing 2. Utilities 3. Public Land Conveyance Records 4. Buildings and Facilities 5. Flood Hazards 6. Vegetation 7. Biological Resources 8. Cultural and Demographic Statistics 9. Soils 10. Wetlands 11. Earth Cover In this portion of the survey we are asking each region to identify if you have any of the core seven and California-centric eleven data themes.

First let's review the core seven >>>

#### 1. Cadastral [Priority 1 of 7]

Cadastral data describe the geographic extent of past, current, and future right, title, and interest in real property, and the framework to support the description of that geographic extent. The geographic extent includes survey and description frameworks such as the Public Land Survey System, as well as parcel-by-parcel surveys and descriptions.

**10.** Is there a consolidated regional GIS dataset available.

Yes		4	25%
No		12	75%
	Total	16	100%

#### Tell us more about your regional Cadastral dataset...

**11.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes			0	0%
No			4	100%
		Total	4	100%
	0 Response	es		

**12.** What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		2	50%
>1 m		2	50%
	Total	4	100%
			)

# **13.** What is the currency of the dataset?

<1 month		0	0%
1-3 months		1	25%
4-12 months		2	50%
>1 year		1	25%
	Total	4	100%

**14.** What is the data source?

View 4 Responses

**15.** Do you have generally accepted or standardized data models, data integration processes, data templates or best practices documents?

Yes		2	50%
No		2	50%
	Total	4	100%

**16.** Do you have data sharing agreements in place with partner agencies or organizations

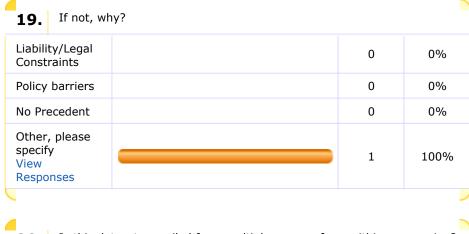
Yes			3	75%
No			1	25%
		Total	4	100%
	View 3 Responses			

17. How frequently are you coordinating?

Weekly		0	0%
Monthly		1	25%
Quarterly		3	75%
Yearly		0	0%
	Total	4	100%

**18.** Would you be willing to share these datasets?

Yes		3	75%
No		1	25%
	Total	4	100%



20. Is this dataset compiled from multiple sources from within your region?

Yes	4	100%
No	0	0%
Total	4	100%

Are you currently using web map or feature services from partner agencies or organizations?

Yes	3	75%
No	1	25%
Т	otal 4	100%

**22.** Are you currently using web map or feature services from commercial sources?

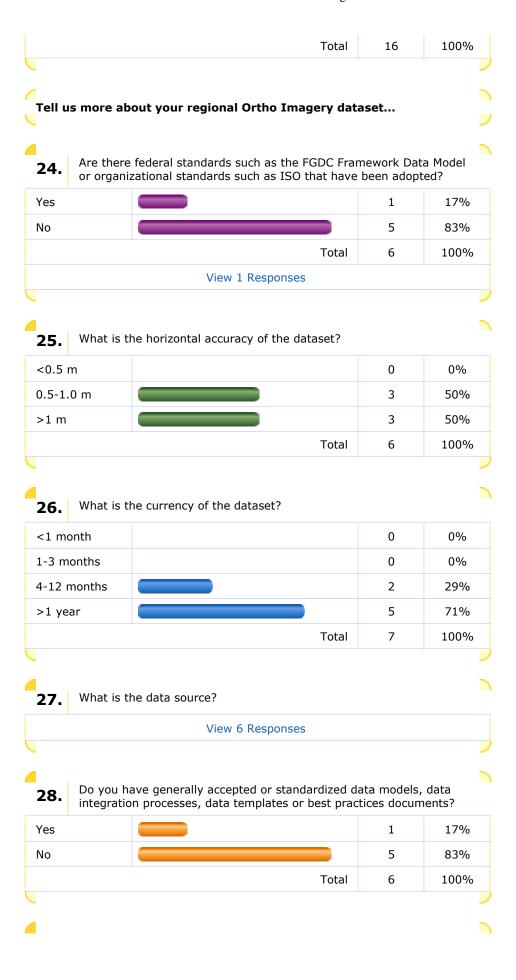
Yes		0	0%
No		4	100%
	Total	4	100%

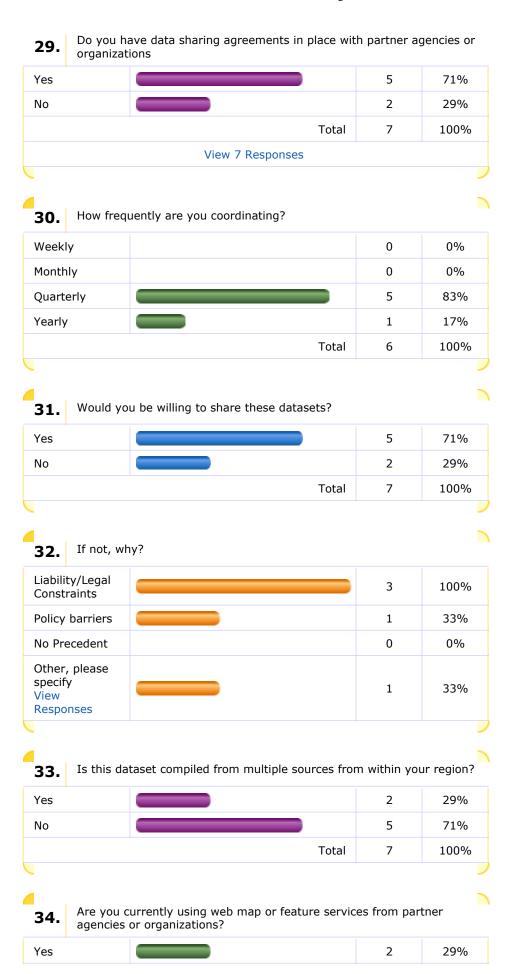
# 2. Ortho Imagery [Priority 2 of 7]

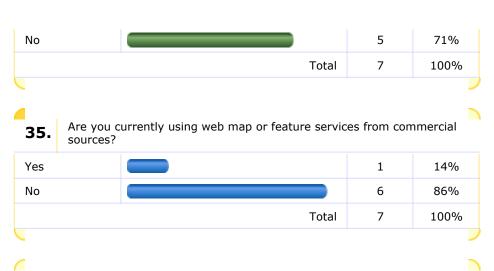
This dataset contains georeferenced images of the Earth's surface, collected by a sensor in which image object displacement has been removed for sensor distortions and orientation, and terrain relief. For very large surface areas, an Earth curvature correction may be applied. Digital orthoimages encode the optical electromagnetic spectrum as discrete values modeled in an array of georeferenced pixels. Digital orthoimages have the geometric characteristics of a map, and image qualities of a photograph.

We understand NAIP is available across California.
Independent of NAIP have you built a regional Imagery dataset?

Yes	7	44%
No	9	56%







### **3. Transportation** [Priority 3 of 7]

Transportation data are used to model the geographic locations, interconnectedness, and characteristics of the transportation system within the United States. The transportation system includes both physical and non-physical components representing all modes of travel that allow the movement of goods and people between locations.

**36.** Is there a consolidated regional GIS dataset available.

Yes		4	25%
No		12	75%
	Total	16	100%

# Tell us more about your regional Transportation dataset...

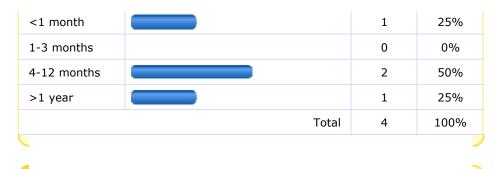
37. Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes			1	25%
No			3	75%
		Tota	I 4	100%
View 1 Responses				

**38.** What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		2	50%
>1 m		2	50%
	Total	4	100%

**39.** What is the currency of the dataset?



**40.** What is the data source?

# View 4 Responses

**41.** Do you have generally accepted or standardized data models, data integration processes, data templates or best practices documents?

Yes	3	75%
No	1	25%
Total	4	100%

**42.** Do you have data sharing agreements in place with partner agencies or organizations

Yes		4	100%		
No		0	0%		
	Total	4	100%		
View 3 Responses					

**43.** How frequently are you coordinating?

Weekly		1	25%
Monthly		0	0%
Quarterly		3	75%
Yearly		0	0%
	Total	4	100%

**44.** Would you be willing to share these datasets?

Yes		4	100%
No		0	0%
	Total	4	100%

## **45.** If not, why?

Policy barriers 0 0%  No Precedent 0 0%  Other, please specify 0 0%	Liability/Legal Constraints	0	0%
Other, please	Policy barriers	0	0%
	No Precedent	0	0%
		0	0%

**46.** Is this dataset compiled from multiple sources from within your region?

Yes		4	100%
No		0	0%
	Total	4	100%

47. Are you currently using web map or feature services from partner agencies or organizations?

Yes		3	75%
No		1	25%
	Total	4	100%

48. Are you currently using web map or feature services from commercial sources?

Yes		0	0%
No		4	100%
	Total	4	100%

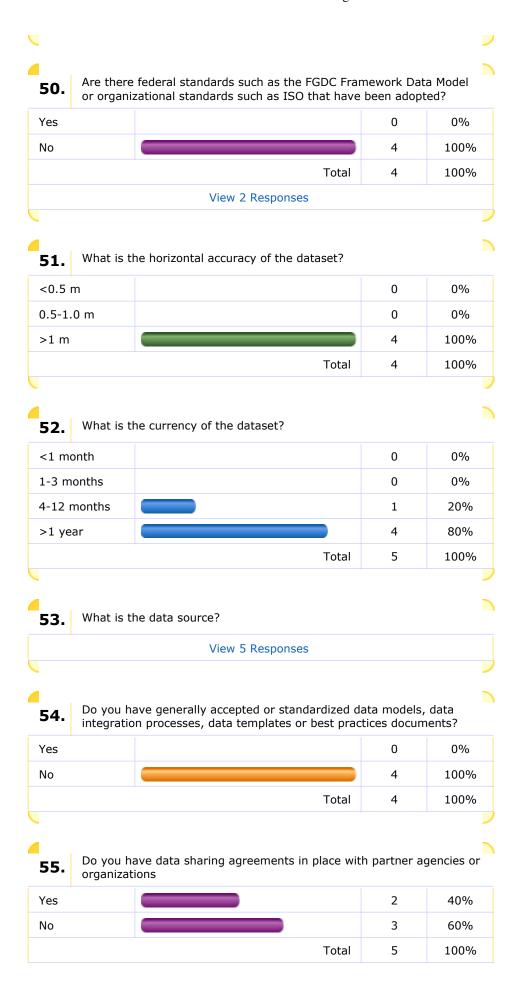
#### **4. Elevation** [Priority 4 of 7]

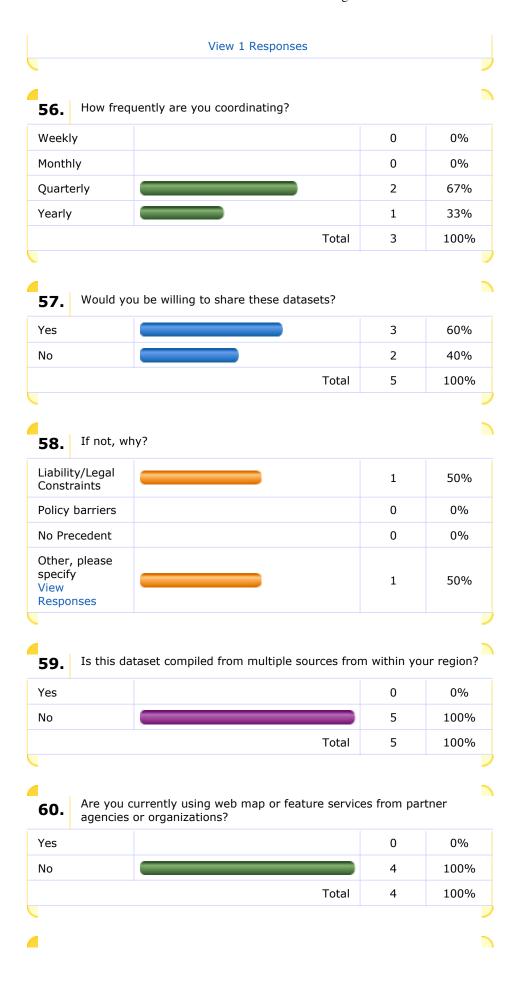
This data contains georeferenced digital representations of terrestrial surfaces, natural or manmade, which describe vertical position above or below a datum surface. Data may be encapsulated in an evenly spaced grid (raster form) or randomly spaced (triangular irregular network, hypsography, single points). The elevation points can have varying horizontal and vertical resolution and accuracy.

**49.** Is there a consolidated regional GIS dataset available.

Yes		5	31%
No		11	69%
	Total	16	100%

Tell us more about your regional Elevation dataset...





**61.** Are you currently using web map or feature services from commercial sources?

Yes		1	25%
No		3	75%
·	Total	4	100%

### **5. Hydrography** [Priority 5 of 7]

This data theme includes surface water features such as lakes, ponds, streams and rivers, canals, oceans, and coastlines. Each hydrography feature is assigned a permanent feature identification code (Environmental Protection Agency Reach Code) and may also be identified by a feature name. Spatial positions of features are encoded as centerlines and polygons. Also encoded is network connectivity and direction of flow.

**62.** Is there a consolidated regional GIS dataset available.

Yes		2	12%
No		14	88%
	Total	16	100%

### Tell us more about your regional Hydrography dataset...

**63.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

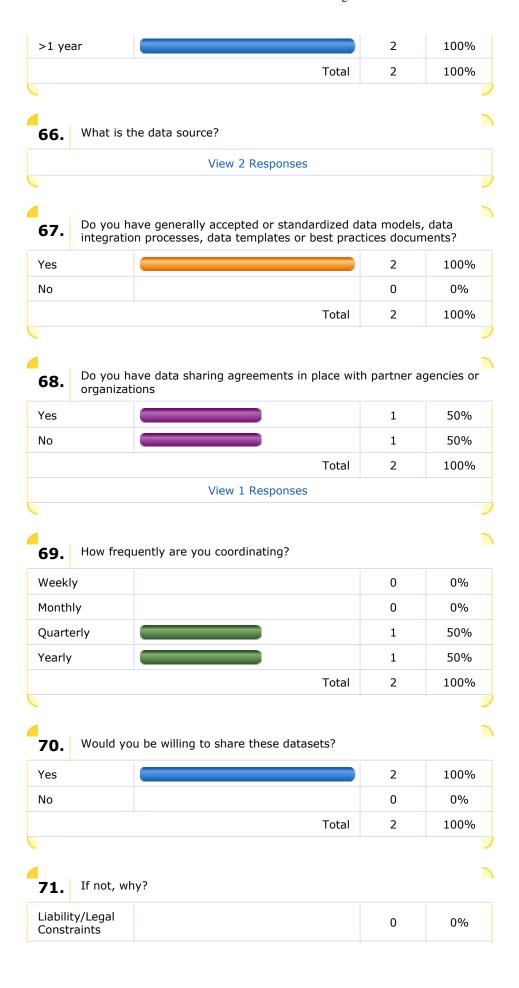
Yes		1	100%	
No		0	0%	
Total 1 100%				
View 2 Responses				

**64**. What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		0	0%
>1 m		2	100%
	Total	2	100%

**65.** What is the currency of the dataset?

<1 month	0	0%
1-3 months	0	0%
4-12 months	0	0%



No Precedent 0 0%  Other, please 0 0%	Policy barriers	0	0%
Other, please 0 0%	No Precedent	0	0%
specify	Other, please specify	0	0%

72. Is this dataset compiled from multiple sources from within your region?

Yes		0	0%
No		2	100%
	Total	2	100%

73. Are you currently using web map or feature services from partner agencies or organizations?

Yes		1	50%
No		1	50%
	Total	2	100%

**74.** Are you currently using web map or feature services from commercial sources?

Yes		0	0%
No		2	100%
	Total	2	100%

# 6. Geodetic Control [Priority 6 of 7]

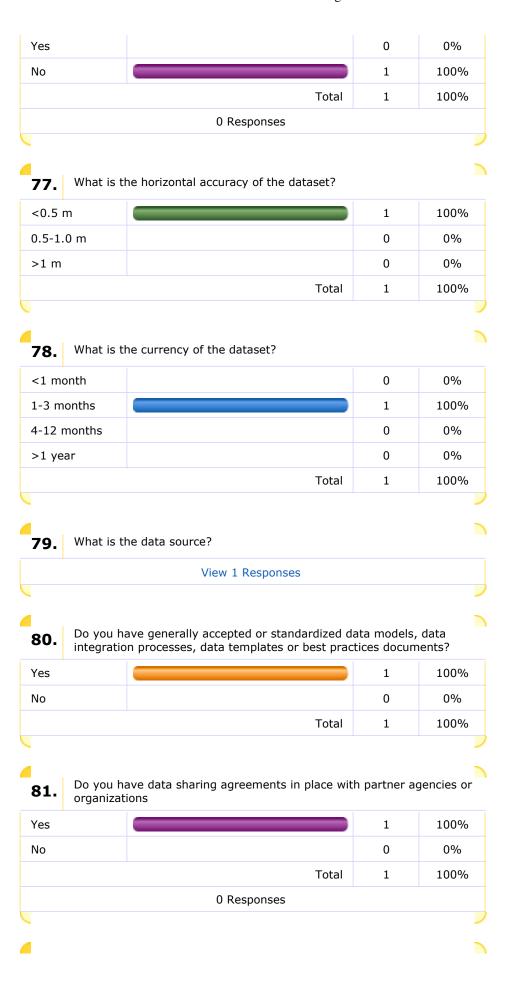
Geodetic control provides a common reference system for establishing coordinates for all geographic data. All NSDI framework data and users' applications data require geodetic control to accurately register spatial data. The National Spatial Reference System is the fundamental geodetic control for the United States.

**75.** Is there a consolidated regional GIS dataset available.

Yes		1	6%
No		15	94%
	Total	16	100%

Tell us more about your regional Geodetic Control dataset...

**76.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?



		mc.//k./CA //20013 //2001ategic	70201 Idil/DC	iiveiabies/ v
82.	How freq	uently are you coordinating?		
Week	у		0	0%
Month	ıly		0	0%
Quart	erly		1	100%
Yearly	,		0	0%
		Total	1	100%
83.	Would yo	u be willing to share these datasets?		
Yes			1	100%
No			0	0%
		Total	1	100%
	If not, wh	ny?	0	0%
Const	barriers		0	0%
	ecedent		0	0%
	, please		0	0%
85.	Is this da	taset compiled from multiple sources from	n within you	ur region?
Yes			1	100%
No			0	0%
		Total	1	100%
				_
86.		currently using web map or feature servic or organizations?	es from par	tner
Yes			0	0%
No			1	100%
		Total	1	100%

Are you currently using web map or feature services from commercial sources?  $\,$ 

0

1

1

Total

0%

100%

100%

19 of 53

**87.** 

Yes

No

#### **7. Governmental Units** [Priority 7 of 7]

These data describe, by a consistent set of rules and semantic definitions, the official boundary of federal, state, local, and tribal governments as reported/certified to the U.S. Census Bureau by responsible officials of each government for purposes of reporting the Nation's official statistics.

**88.** Is there a consolidated regional GIS dataset available.

		38%
No	10	62%
Total	16	100%

### Tell us more about your regional Governmental Units dataset...

89. Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes		0	0%	
No		6	100%	
Total 6 100%				
0 Responses				

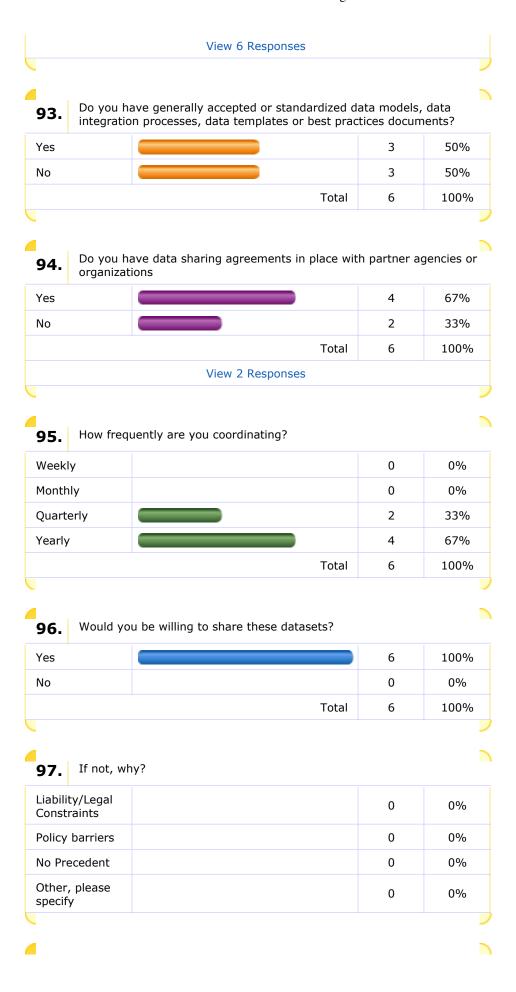
**90.** What is the horizontal accuracy of the dataset?

	<0.5 m		0	0%
	0.5-1.0 m		0	0%
Total 6 100%	>1 m		6	100%
1000		Total	6	100%

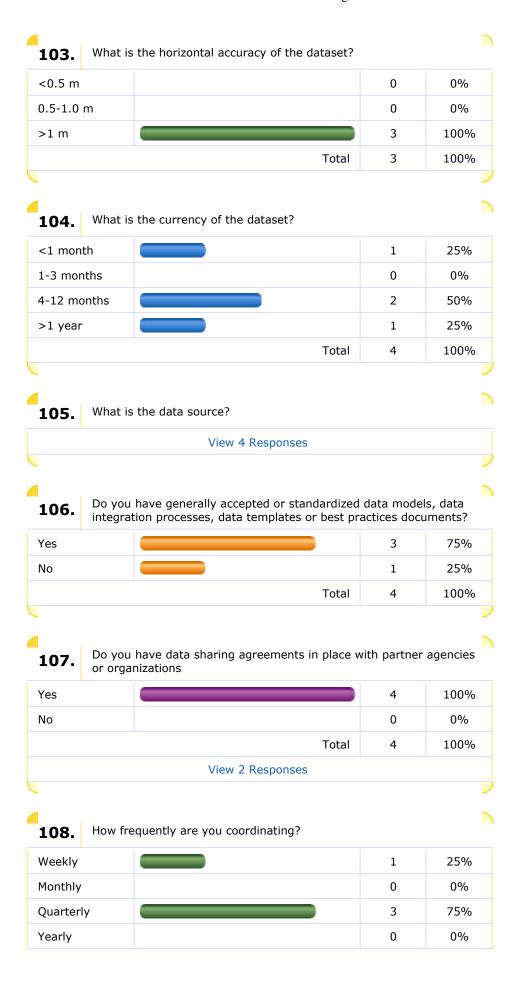
**91.** What is the currency of the dataset?

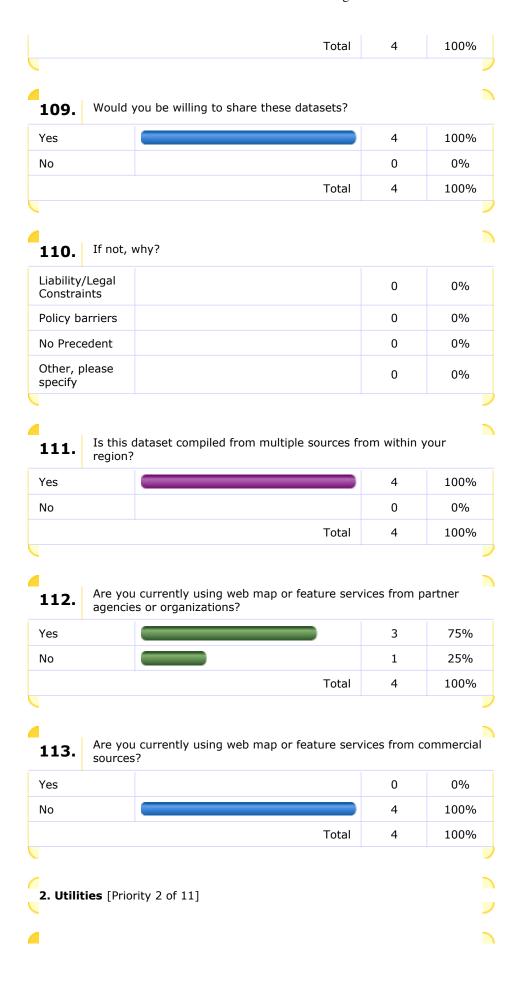
<1 month		0	0%
1-3 months		1	17%
4-12 months		3	50%
>1 year		2	33%
	Total	6	100%

**92.** What is the data source?



Is this dataset compiled from multiple sources from within your region? 98. 5 83% Yes No 1 17% Total 100% 6 Are you currently using web map or feature services from partner 99. agencies or organizations? Yes 3 60% 2 40% No Total 5 100% Are you currently using web map or feature services from commercial 100. sources? Yes 0 0% 6 100% No 100% Total 6 You have completed the core seven framework data themes. Now we will move on to the California-centic eleven >>> 1. Street Addressing [Priority 1 of 11] Is there a consolidated regional GIS dataset available. 101. 4 25% Yes 75% No 12 Total 100% 16 Tell us more about your regional Street Addressing dataset... Are there federal standards such as the FGDC Framework Data Model 102. or organizational standards such as ISO that have been adopted? 25% Yes 1 3 75% No Total 4 100% View 1 Responses





114.Is there a consolidated regional GIS dataset available.Yes0

Yes		0	0%
No		16	100%
	Total	16	100%

Tell us more about your regional Utilities dataset...

**115.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes	0	0%
No	0	0%
Total	0	0%
0 Responses		

**116.** What is the horizontal accuracy of the dataset?

<0.5 m	0	0%
0.5-1.0 m	0	0%
>1 m	0	0%
Tota	0	0%

**117.** What is the currency of the dataset?

<1 month		0	0%
1-3 months		0	0%
4-12 months		0	0%
>1 year		0	0%
	Total	0	0%

**118.** What is the data source?

0 Responses

Do you have generally accepted or standardized data models, data integration processes, data templates or best practices documents?

Yes		0	0%
No		0	0%

	Total	0	0%
120.	Do you have data sharing agreements in place wi or organizations	th partner	agencies
Yes		0	0%
No		0	0%
	Total	0	0%
	0 Responses		
121.	How frequently are you coordinating?		
Weekly		0	0%
Monthly		0	0%
Quarter	У	0	0%
Yearly		0	0%
	Total	0	0%
No		0	0%
Yes		0	0%
INO		U	0 70
	Total	0	0%
	Total	0	0%
122		0	0%
123.	If not, why?	0	0%
<b>123.</b> Liability,	If not, why? /Legal	0	0%
Liability,	If not, why? /Legal ints		
Liability, Constra	If not, why? /Legal ints arriers	0	0%
Liability, Constrai	If not, why?  /Legal ints arriers edent	0	0%
Liability, Constrai Policy ba No Preco	If not, why?  /Legal ints arriers edent	0 0 0	0% 0%
Liability, Constrai Policy ba No Preco	If not, why?  /Legal ints arriers edent	0 0 0 0	0% 0% 0%
Liability, Constrai Policy ba No Preco Other, p specify	If not, why?  /Legal ints arriers edent blease  Is this dataset compiled from multiple sources from	0 0 0 0	0% 0% 0%
Liability, Constrain Policy be No Prece Other, p specify	If not, why?  /Legal ints arriers edent blease  Is this dataset compiled from multiple sources from	0 0 0 0	0% 0% 0% 0%
Liability, Constrain Policy be No Prece Other, perspecify	If not, why?  /Legal ints arriers edent blease  Is this dataset compiled from multiple sources from	0 0 0 0 om within y	0% 0% 0% 0%

Are you currently using web map or feature services from partner agencies or organizations?

Yes	0	0%
No	0	0%
Total	0	0%

Are you currently using web map or feature services from commercial sources?

Yes		0	0%
No		0	0%
	Total	0	0%

#### 3. Public Land Conveyance Records [Priority 3 of 11]

Public land conveyance data are the records that describe all past, current, and future, right, title, and interest in real property. This is a system of storage, retrieval and dissemination of documents describing the right, title, and interest of a parcel.

**127.** Is there a consolidated regional GIS dataset available.

Yes	0	0%
No	16	100%
Total	16	100%

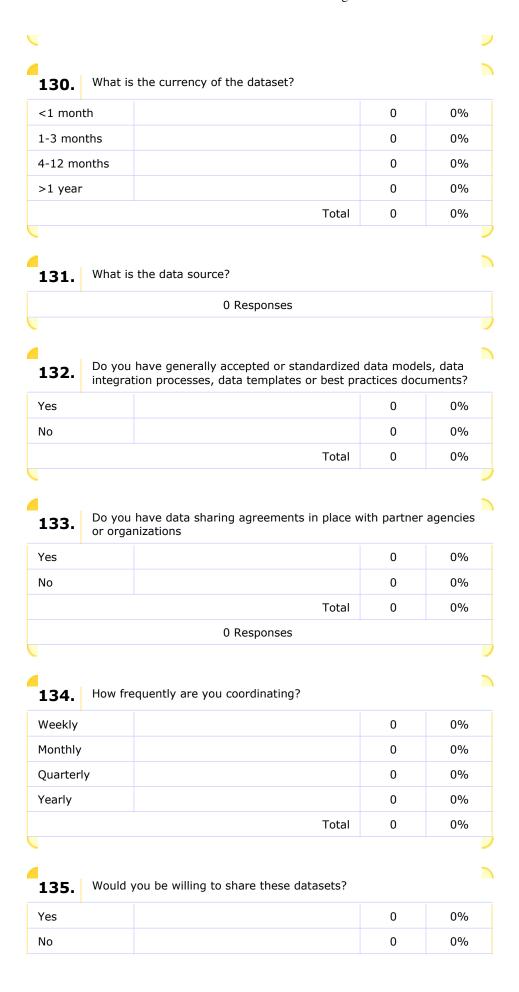
Tell us more about your regional Public Land Conveyance Records dataset...

**128.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

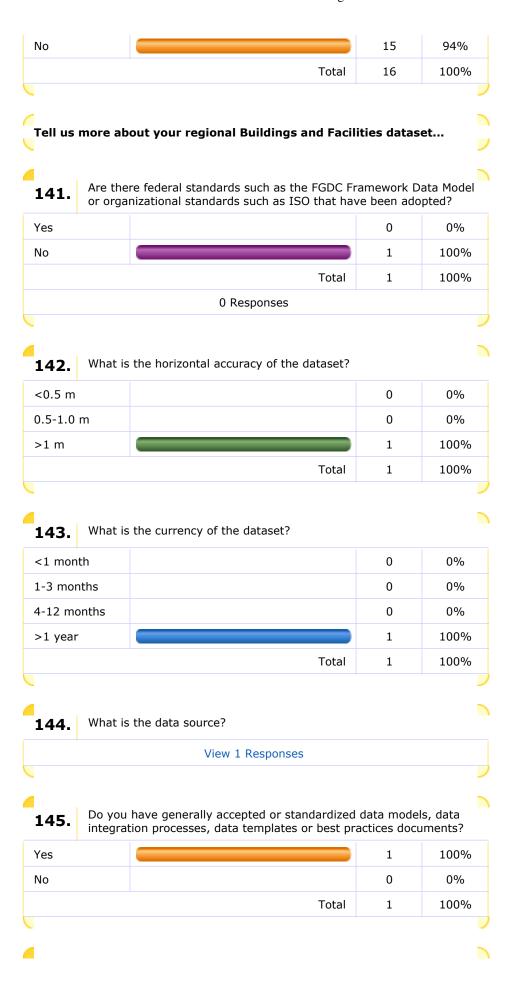
Yes				0	0%
No				0	0%
			Total	0	0%
		0 Respo	nses		

129. What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		0	0%
>1 m		0	0%
	Total	0	0%

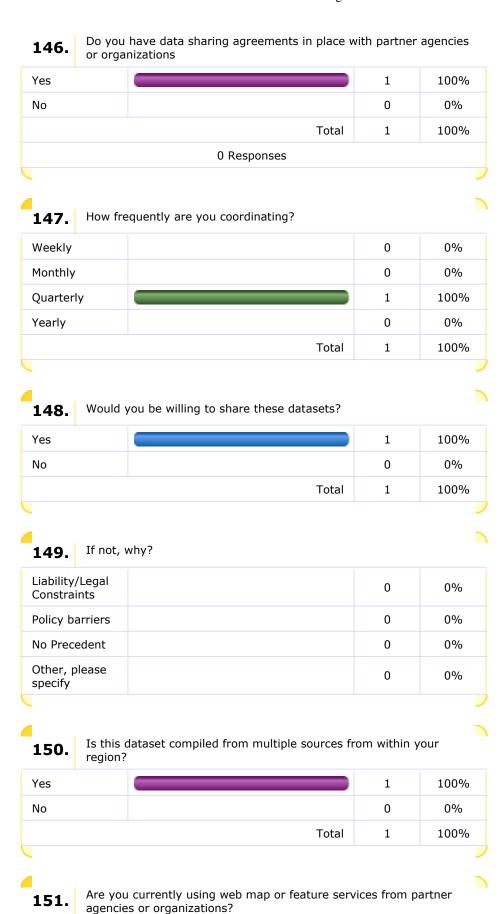


		Total	0	0%	
136.	If not, v	why?			
Liability, Constrai	_		0	0%	
Policy barriers			0	0%	
No Precedent			0	0%	
Other, p	lease		0	0%	
137.	Is this oregion?	dataset compiled from multiple sources f	rom within y	our 'our	
Yes			0	0%	
No			0	0%	
		Total	0	0%	
No		Total	0	0%	
		Total	0	0%	
139.	Are you currently using web map or feature services from commercial sources?				
Yes			0	0%	
No			0	0%	
		Total	0	0%	
4. Buildings and Facilities [Priority 4 of 11]  The facility theme includes federal sites or entities with a geospatial location deliberately established for designated activities; a facility database might describe a factory, military base, college, hospital, power plant, fishery, national park, office building, space command center, or prison. Facility data is submitted from several agencies, since there is no one party responsible for all the facilities in the Nation, and facilities encompass a broad spectrum of activities. The FGDC promotes standardizing on database structures and schemas to the extent practical.					
140.	12 mere	: a consolidated regional GIS dataset ava		604	
Yes			1	6%	



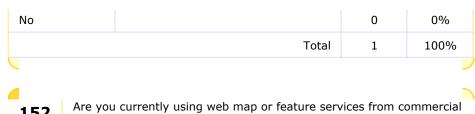
100%

1



31 of 53

Yes



152.

Yes	•	0%
No	1	100%
Total	1	100%

#### **5. Flood Hazards** [Priority 5 of 11]

National Flood Insurance Program has prepared flood hazard data for approximately 20,000 communities. The primary information prepared for these communities is for the 1 percent annual chance (100-year) flood, and includes documentation of the boundaries and elevations of that flood.

Is there a consolidated regional GIS dataset available. **153.** 

Yes		3	19%
No		13	81%
	Total	16	100%

## Tell us more about your regional Flood Hazard dataset...

Are there federal standards such as the FGDC Framework Data Model **154.** or organizational standards such as ISO that have been adopted?

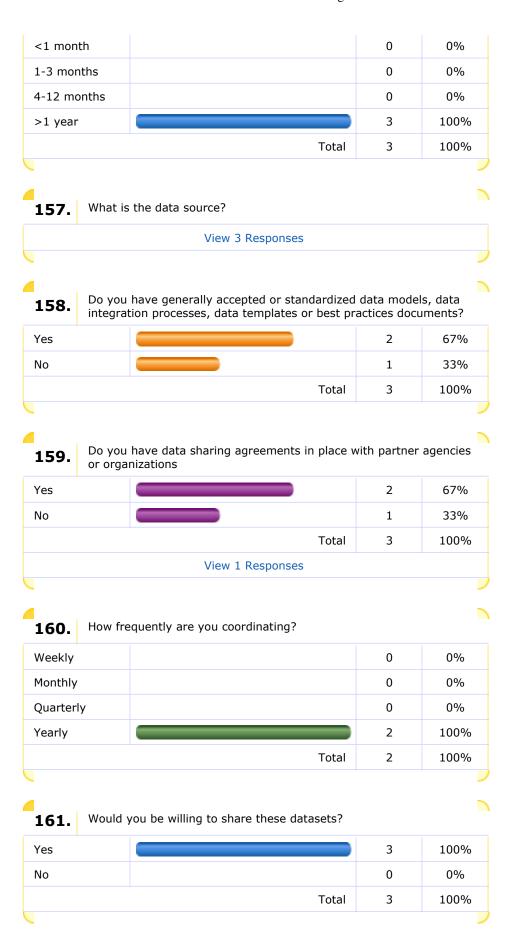
			•
Yes		1	33%
No		2	67%
	Total	3	100%
	View 1 Responses		

What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		0	0%
>1 m		3	100%
	Total	3	100%

What is the currency of the dataset? **156.** 

10/18/2007 2:11 PM 32 of 53



## **162.** If not, why?

Liability/Legal Constraints	0	0%
Policy barriers	0	0%
No Precedent	0	0%
Other, please specify	0	0%

# **163.** Is this dataset compiled from multiple sources from within your region?

Yes		1	33%
No		2	67%
	Total	3	100%

Are you currently using web map or feature services from partner agencies or organizations?

Yes		1	33%
No		2	67%
	Total	3	100%

**165.** Are you currently using web map or feature services from commercial sources?

Yes		0	0%
No		3	100%
	Total	3	100%

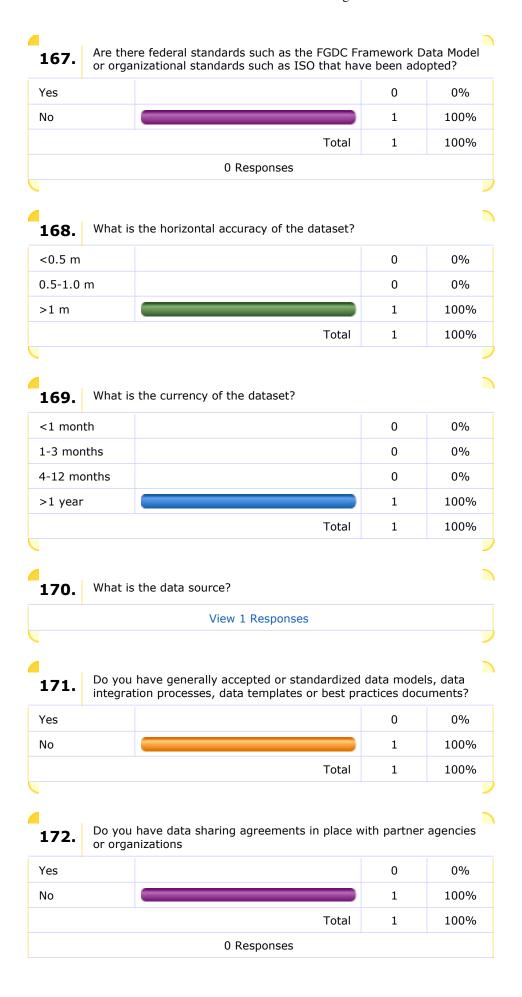
#### **6. Vegetation** [Priority 6 of 11]

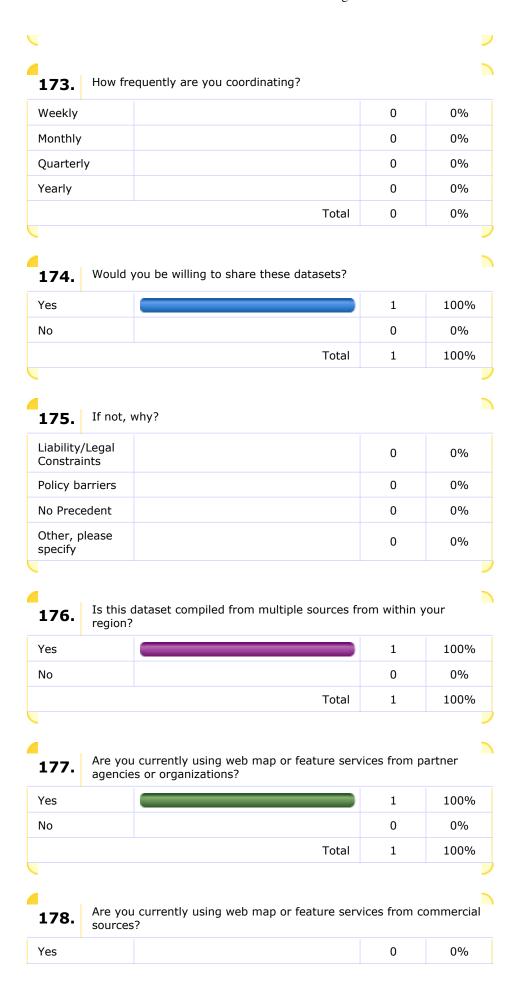
Vegetation data describe a collection of plants or plant communities with distinguishable characteristics that occupy an area of interest. Existing vegetation covers or is visible at or above the land or water surface and does not include abiotic factors that tend to describe potential vegetation.

**166.** Is there a consolidated regional GIS dataset available.

Yes		1	6%
No		15	94%
	Total	16	100%

Tell us more about your regional Vegetation dataset...





Total	1	100%

#### **7. Biological Resources** [Priority 7 of 11]

This data set includes data pertaining to or descriptive of (nonhuman) biological resources and their distributions and habitats, including data at the suborganismal (genetics, physiology, anatomy, etc.), organismal (subspecies, species, systematics), and ecological (populations, communities, ecosystems, biomes, etc.) levels.

**179.** Is there a consolidated regional GIS dataset available.

Yes		0	0%
No		16	100%
	Total	16	100%

### Tell us more about your regional Biological Resources dataset...

Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

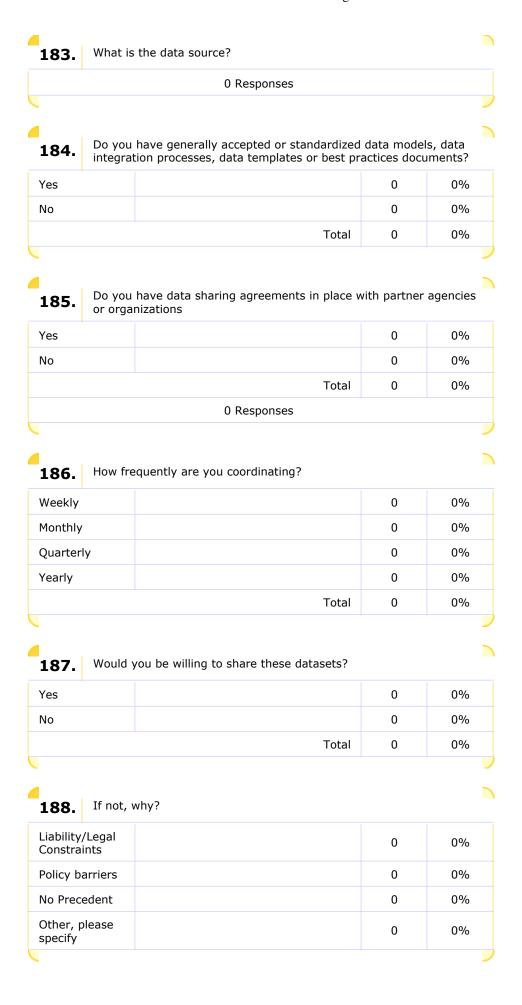
Yes				0	0%
No				0	0%
			Total	0	0%
		0 Responses			

**181.** What is the horizontal accuracy of the dataset?

<0.5 m	0	0%
0.5-1.0 m	0	0%
>1 m	0	0%
Tota	0	0%

**182.** What is the currency of the dataset?

<1 month		0	0%
1-3 months		0	0%
4-12 months		0	0%
>1 year		0	0%
	Total	0	0%



189. Is this dataset compiled from multiple sources from within your region?

Yes	0	0%
No	0	0%
Total	0	0%

Are you currently using web map or feature services from partner agencies or organizations?

Yes		0	0%
No		0	0%
	Total	0	0%

**191.** Are you currently using web map or feature services from commercial sources?

Yes		0	0%
No		0	0%
	Total	0	0%

#### 8. Cultural and Demographic Statistics [Priority 8 of 11]

These geospatially referenced data describe the characteristics of people, the nature of the structures in which they live and work, the economic and other activities they pursue, the facilities they use to support their health, recreational and other needs, the environmental consequences of their presence, and the boundaries, names and numeric codes of geographic entities used to report the information collected.

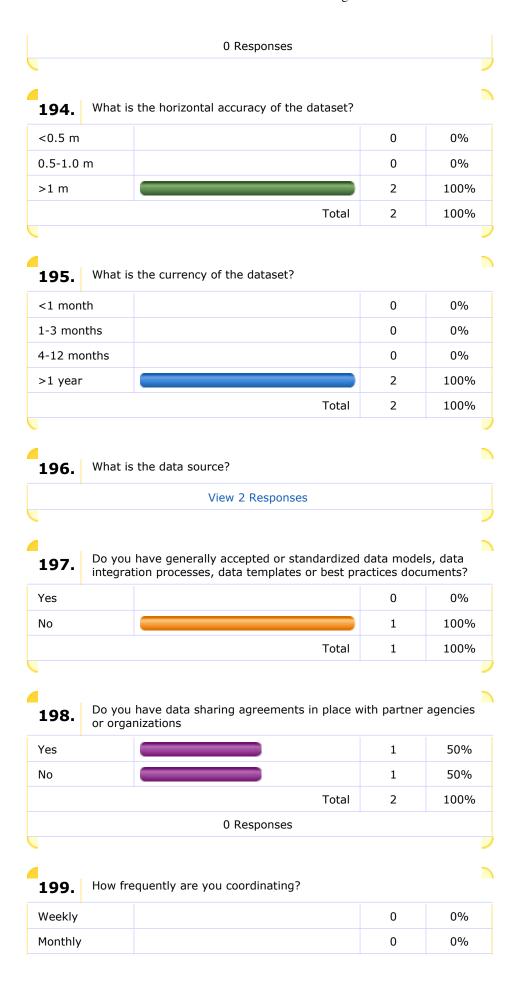
192. Is there a consolidated regional GIS dataset available.

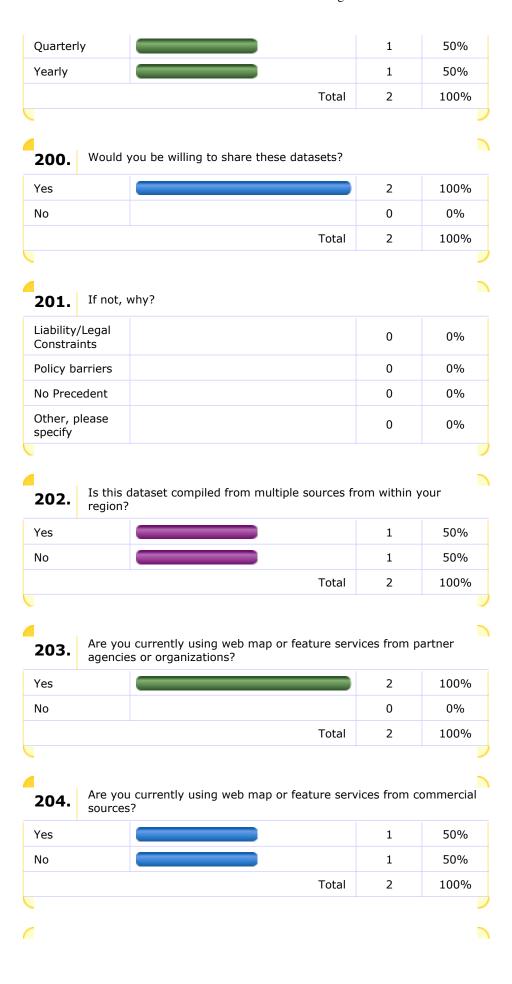
Yes		2	12%
No		14	88%
	Total	16	100%

Tell us more about your regional Cultural and Demographic Statistics dataset...

**193.** Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes		0	0%
No		1	100%
	Total	1	100%





#### **9. Soils** [Priority 9 of 11]

Soil data consist of georeferenced digital map data and associated tabular attribute data. The map data describe the spatial distribution of the various soils that cover the Earth's surface. The attribute data describe the proportionate extent of the various soils as well as the physical and chemical characteristics of those soils. The physical and chemical properties are based on observed and measured values, as well as model-generated values. Also included are model-generated assessments of the suitability or limitations of the soils to various land uses.

Tell us more about your regional Soils dataset...

Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes		0	0%
No		0	0%
	Total	0	0%
	View 1 Responses		

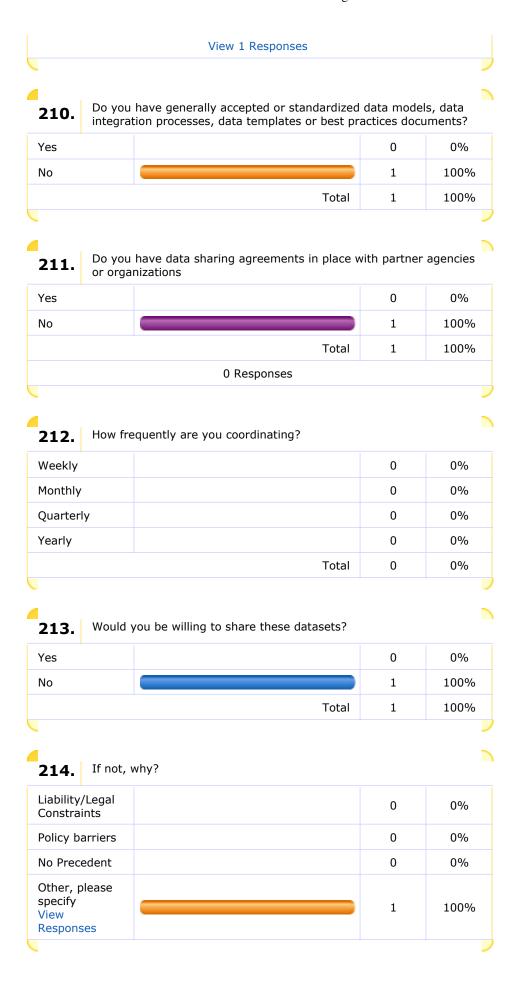
**207.** What is the horizontal accuracy of the dataset?

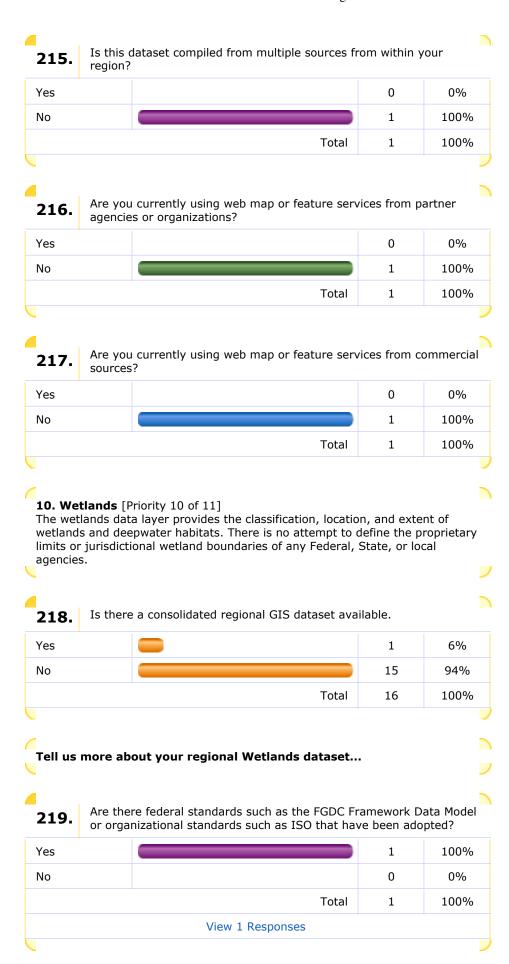
<0.5 m	0	0%
0.5-1.0 m	0	0%
>1 m	1	100%
То	otal 1	100%

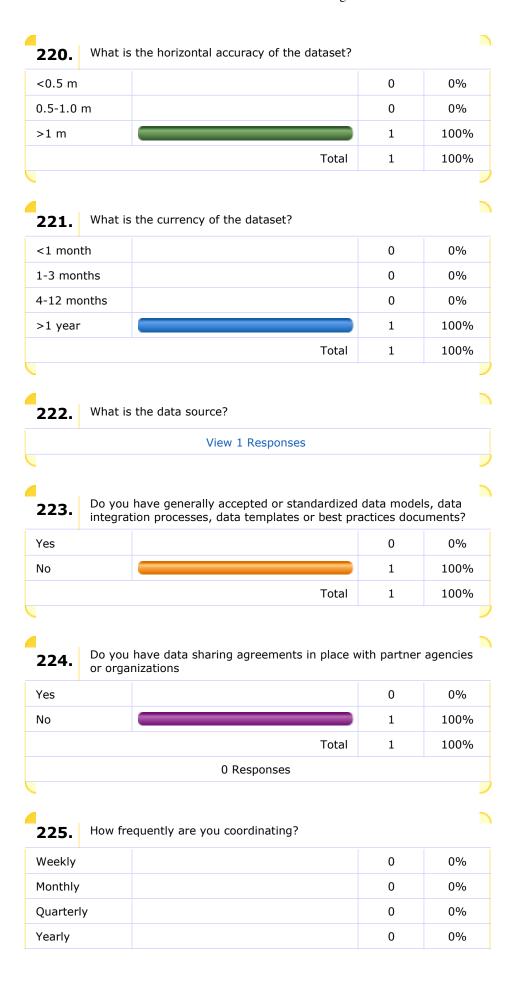
**208.** What is the currency of the dataset?

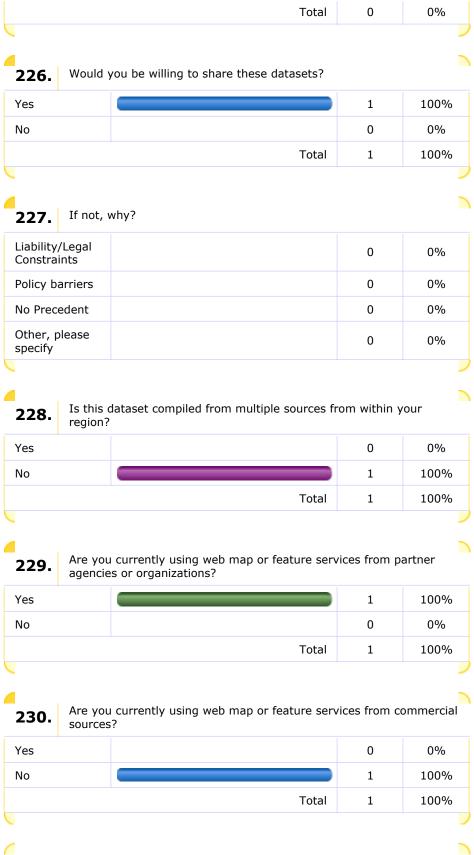
<1 month		0	0%
1-3 months		0	0%
4-12 months		0	0%
>1 year		1	100%
	Total	1	100%

**209.** What is the data source?









#### 11. Earth Cover [Priority 11 of 11]

The Earth Cover theme uses a hierarchical classification system based on observable form and structure, as opposed to function or use. This system transitions from generalized to more specific and detailed class divisions, and provides a framework within which multiple land cover and land use

classification systems can be cross-referenced. This system is applicable everywhere on the surface of the Earth. This theme differs from the Vegetation and Wetlands themes, which provide additional detail.

**231.** Is there a consolidated regional GIS dataset available.

Yes		1	6%
No		15	94%
	Total	16	100%

Tell us more about your regional Earth Cover dataset...

Are there federal standards such as the FGDC Framework Data Model or organizational standards such as ISO that have been adopted?

Yes	0	0%
No	1	100%
Total	1	100%
0 Responses		

**233.** What is the horizontal accuracy of the dataset?

<0.5 m		0	0%
0.5-1.0 m		1	100%
>1 m		0	0%
	Total	1	100%

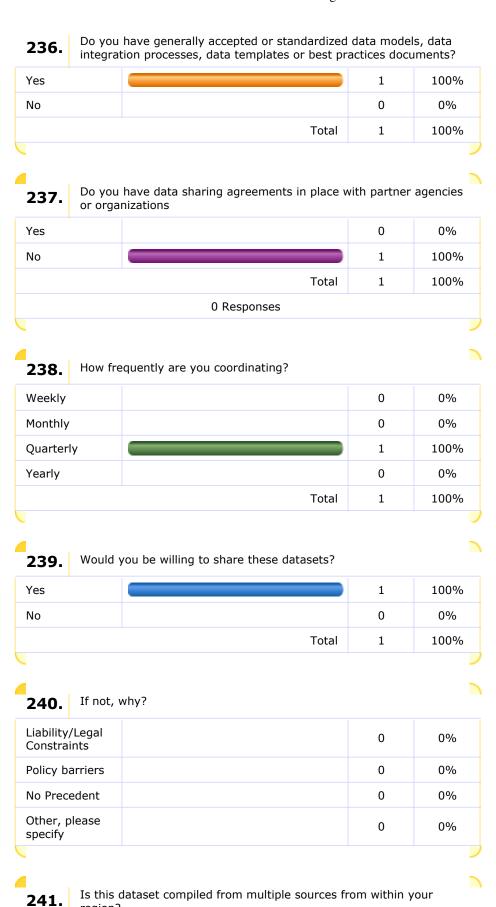
**234.** What is the currency of the dataset?

<1 month		0	0%
1-3 months		0	0%
4-12 months		1	100%
>1 year		0	0%
	Total	1	100%

**235.** What is the data source?

View 1 Responses

100%



48 of 53

region?

Yes

No		0	0%
	Total	1	100%
■			

**242.** Are you currently using web map or feature services from partner agencies or organizations?

Yes	1	100%
No	0	0%
Total	1	100%

**243.** Are you currently using web map or feature services from commercial sources?

Yes	0	0%
No	1	100%
Total	1	100%

Reflecting back on all the data sets where you responded NO they do not exist Regionally, what are the **top five** Regional datasets you would develop next?

1. Cadastral	10	62%
2. Ortho Imagery	8	50%
3. Transportation	11	69%
4. Elevation	8	50%
5. Hydrography	4	25%
6. Geodetic Control	6	38%
7. Governmental Units	1	6%
1. Street Addressing	9	56%
2. Utilities	4	25%
3. Public Land Conveyance Records	1	6%
4. Buildings and Facilities	6	38%
5. Flood Hazards	5	31%

6. Vegetation	4	25%
7. Biological Resources	3	19%
8. Cultural and Demographic Statistics	2	12%
9. Soils	1	6%
10. Wetlands	1	6%
11. Earth Cover	2	12%

#### And now onto the last of the three survey sections >>>

#### **REGIONAL IMPLEMENTATION**

We are looking for your regional input on various Federal and State-related topics.

245. Have you applied/used the 50 States Initiative at a regional or local level?

Yes		0	0%
No		15	100%
	Total	15	100%

246. Have you applied/used Imagery for the Nation at a regional or local level?

Yes		6	40%
No		9	60%
	Total	15	100%

247. Have you applied/used the California Spatial Information Library at a regional or local level?

No 4 25% Total 16 100%	Yes		12	75%
Total 16 100%	No		4	25%
		Total	16	100%

248. Have you applied/used the California Environmental Information Catalog at a regional or local level?

Yes	9	56%
No	7	44%

Total 16 100% Do you view the establishment of a state government GIO as 249. important? Yes 14 88% 2 12% No Total 16 100% Phase 1 of the Strategic Plan identified the following principal responsibilities of a GIO. What roles and responsibilities do you (the 250. Region) envision for a state GIO? Select all that apply... Provide leadership in the 15 94% development and sharing of geospatial data Provide leadership in the development 75% 12 and sharing of geospatial web services and tool Provide leadership in the 9 56% establishment of GIS technology and data standards Promote best practices for methods and procedures related to the use and 12 75% development of geospatial data and geographic information systems Coordinate appropriate use of GIS through 50% 8 outreach and networking of potential and

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expert users

development of geospatial information and geographic information systems	8	50%
Coordinate and administer grants related to geospatial information and geographic information systems	15	94%
Are there other GIO functions you envision? View Responses	6	38%

251.

Phase 1 of the Strategic Plan identified options for the placement of the GIO or GIO function.

Please select the one most appropriate place from your Regional perspective.

In a State program agency (e.g., Resources, Health and Human Services, Environmental Protection, Business, Transportation and Housing, etc.)	1	7%
In a state agency that is programmatically neutral with broad, enterprise wide responsibilitiese.g., the State Library, the Governors' Office of Planning and Research (OPR) or the Department of Technology Services (DTS)	3	20%
In a state agency that is programmatically neutral with broad, enterprise	1	7%

wide responsibilitiese.g., the State Library, the Governors' Office of Planning and Research (OPR) or the Department of Technology Services (DTS)			
In the new office of the State's Chief Information Officer		9	60%
Form a separate board similar to the Franchise Tax Board or the Board of Engineers and Land Surveyors		1	7%
Form a private, non-profit entity		0	0%
Cite other functional placement you envision		0	0%
	Total	15	100%

252.

Can you provide examples or case studies that exemplify best practices and success stories?

Please advise you are sending data in the comment box below and email content to madkins@mbakercorp.com.

View 4 Responses

Thank you for your time to complete the survey!

You will receive the results in advance of the first October workshop. When we send the results we will also provide questions that did not lend themselves to a survey for your advance thinking.

Malcolm Adkins Michael Baker Jr., Inc.

George White CGIA Executive Director/ Contract Manager

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