CGIA_Survey

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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?

SoCalGIS

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.

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

Networking
1 Yes

Data Storage
1 Yes

Data Exchange
1 Yes

Hardware
1 Yes

Software
1 Yes

3. How would you rank the adequacy of your program funding from 1 Optimal to 4 Minimal?

3

4. What funding mechanisms are in place to support regional GIS efforts?

Cost sharing agreements

Support from SCAG

5. How many staff do you currently have to support regional efforts?

<= 5

6. What type of personnel do you have available?

On-site Paid Employees
3 Minimal

Retained Consultant
4 None

Volunteer
4 None

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

Often

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

No

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?

No

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.

No

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?

12. What is the horizontal accuracy of the dataset?

13. What is the currency of the dataset?

14. What is the data source?

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

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

17. How frequently are you coordinating?

18. Would you be willing to share these datasets?

19. If not, why?

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

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

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

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.

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

No

Tell us more about your regional Ortho Imagery dataset...

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

25. What is the horizontal accuracy of the dataset?

26. What is the currency of the dataset?

27. What is the data source?

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

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

30. How frequently are you coordinating?

31. Would you be willing to share these datasets?

32. If not, why?

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

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

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

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.

No

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?

38. What is the horizontal accuracy of the dataset?

39. What is the currency of the dataset?

40. What is the data source?

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

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

43. How frequently are you coordinating?

44. Would you be willing to share these datasets?

45. If not, why?

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

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

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

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.

No

Tell us more about your regional Elevation dataset...

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

51. What is the horizontal accuracy of the dataset?

52. What is the currency of the dataset?

53. What is the data source?

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

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

56. How frequently are you coordinating?

57. Would you be willing to share these datasets?

58. If not, why?

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

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

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

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.

No

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?

64. What is the horizontal accuracy of the dataset?

65. What is the currency of the dataset?

66. What is the data source?

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

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

69. How frequently are you coordinating?

70. Would you be willing to share these datasets?

71. If not, why?

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

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

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

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.

No

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?

77. What is the horizontal accuracy of the dataset?

78. What is the currency of the dataset?

79. What is the data source?

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

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

82. How frequently are you coordinating?

83. Would you be willing to share these datasets?

84. If not, why?

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

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

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

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.

No

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?

90. What is the horizontal accuracy of the dataset?

91. What is the currency of the dataset?

92. What is the data source?

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

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

95. How frequently are you coordinating?

96. Would you be willing to share these datasets?

97. If not, why?

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

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

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

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]

101. Is there a consolidated regional GIS dataset available.

No

Tell us more about your regional Street Addressing dataset...

102. Are there federal standards such as the FGDC Framework Data Model or

organizational standards such as ISO that have been adopted?

103. What is the horizontal accuracy of the dataset?

104. What is the currency of the dataset?

105. What is the data source?

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

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

108. How frequently are you coordinating?

109. Would you be willing to share these datasets?

110. If not, why?

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

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

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

2. Utilities [Priority 2 of 11]

114. Is there a consolidated regional GIS dataset available.

No

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?

116. What is the horizontal accuracy of the dataset?

117. What is the currency of the dataset?

118. What is the data source?

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

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

121. How frequently are you coordinating?

122. Would you be willing to share these datasets?

123. If not, why?

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

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

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

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.

No

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?

129. What is the horizontal accuracy of the dataset?

130. What is the currency of the dataset?

131. What is the data source?

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

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

134. How frequently are you coordinating?

135. Would you be willing to share these datasets?

136. If not, why?

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

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

139. Are you currently using web map or feature services from commercial

sources?

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. Is there a consolidated regional GIS dataset available.

No

Tell us more about your regional Buildings and Facilities dataset...

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

142. What is the horizontal accuracy of the dataset?

143. What is the currency of the dataset?

144. What is the data source?

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

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

147. How frequently are you coordinating?

148. Would you be willing to share these datasets?

149. If not, why?

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

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

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

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.

153. Is there a consolidated regional GIS dataset available.

No

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

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

155. What is the horizontal accuracy of the dataset?

156. What is the currency of the dataset?

157. What is the data source?

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

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

160. How frequently are you coordinating?

161. Would you be willing to share these datasets?

162. If not, why?

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

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

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

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.

No

Tell us more about your regional Vegetation dataset...

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

168. What is the horizontal accuracy of the dataset?

169. What is the currency of the dataset?

170. What is the data source?

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

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

173. How frequently are you coordinating?

174. Would you be willing to share these datasets?

175. If not, why?

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

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

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

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.

No

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

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

181. What is the horizontal accuracy of the dataset?

182. What is the currency of the dataset?

183. What is the data source?

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

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

186. How frequently are you coordinating?

187. Would you be willing to share these datasets?

188. If not, why?

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

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

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

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.

No

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?

194. What is the horizontal accuracy of the dataset?

195. What is the currency of the dataset?

196. What is the data source?

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

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

199. How frequently are you coordinating?

200. Would you be willing to share these datasets?

201. If not, why?

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

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

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

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.

205. Is there a consolidated regional GIS dataset available.

No

Tell us more about your regional Soils dataset...

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

207. What is the horizontal accuracy of the dataset?

208. What is the currency of the dataset?

209. What is the data source?

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

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

212. How frequently are you coordinating?

213. Would you be willing to share these datasets?

214. If not, why?

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

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

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

10. Wetlands [Priority 10 of 11]
The wetlands data layer provides the classification, location, and extent of wetlands and deepwater habitats. There is no attempt to define the proprietary limits or jurisdictional wetland boundaries of any Federal, State, or local agencies.

218. Is there a consolidated regional GIS dataset available.

No

Tell us more about your regional Wetlands dataset...

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

220. What is the horizontal accuracy of the dataset?

221. What is the currency of the dataset?

222. What is the data source?

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

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

225. How frequently are you coordinating?

226. Would you be willing to share these datasets?

227. If not, why?

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

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

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

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.

No

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

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

233. What is the horizontal accuracy of the dataset?

234. What is the currency of the dataset?

235. What is the data source?

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

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

238. How frequently are you coordinating?

239. Would you be willing to share these datasets?

240. If not, why?

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

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

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

244. 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?

2. Ortho Imagery

3. Transportation

1. Street Addressing

2. Utilities

5. Flood Hazards

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?

No

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

No

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

Yes

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

No

249. Do you view the establishment of a state government GIO as important?

Yes

250. Phase 1 of the Strategic Plan identified the following principal responsibilities of a GIO. What roles and responsibilities do you (the Region) envision for a state GIO?

Select all that apply...

Provide leadership in the development and sharing of geospatial data

Coordinate and administer grants related to geospatial information and geographic information systems

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 the new office of the State's Chief Information Officer

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.

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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