

## GIS Data Portal Requirements Questionnaire Results

1	2	3	4	5
low				high

### 1. Searchability

1.1. What would you like to see used for data searches?

1.1.1. By theme (i.e., transportation, hydrography)

1	2	1	9	17
4	0	8	10	7

1.1.2. By online maps (i.e., launch map service)

Comment: not sure

1.1.3. By date (i.e, allows user to input range of dates)

0	4	9	9	8
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1.1.4. By metadata (i.e., a subset of metadata fields)

1	2	13	7	7
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1.1.5. By agency - (i.e., provides links to agency sites)

2	4	9	11	4
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1.1.6. By geography (i.e., allows user to graphically click/drag a box which intersects features within the box's outline)

2	1	2	9	16
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1.1.7. By geography (i.e., allows user to select key words for defined areas like cities, counties, watersheds, etc.)

3	0	2	7	17
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1.1.8. By key words (i.e., allows user to type in a word to search corresponding layers or the attributes within a layer)

3	1	3	6	16
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1.1.9. Other: key word / by service (flex, silverlight, etc.) / by data type WFS, WMS, SHP, GDB / Exhaustive Listing

		2		1
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1.1.10. Other: geographic - nearby

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1.1.11. Other: \_\_\_\_\_

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1.2. Comments:

MAGIC connection to Google Maps is brilliant!

Combination of all of the above

Really like the interface of the Greenly, CO site.

Metadata is a key way to search for data

Need to allow for posting of MD records for data sets that may not be generally available - i.e. to discover the existence of data and then see if you qualify to access it. Not just public data.

Useful data is in too many different sources..... I find new useful layers every few months.

**2. Hosting**

2.1. Who would be the most likely candidate to host such a portal?

2.1.1. Federal agency

2.1.2. State agency

2.1.3. Educational Institution

2.1.4. Commercial company

2.1.5. Not-for-profit

4	3	5	10	5
1	3	4	9	11
3	1	2	9	14
15	3	6	1	2
10	4	4	6	3

2.2. If public, what agency or department would be the most likely candidate? Follow Connecticut model! / HIGICC /Geographic Information Service / UH / USGS, Office of Planning, ICSD- maybe next Administration / UH - Library or SOEST, FED-USGS or NOAA, State-Comb. of OP and ICSD / DBEDT or UH / USGS, UH / State DBEDT, UH / MAGIS or Statewide GIS Program / GIS / DLNR

2.3. Comments: Why?

Librarians specialized in information retrieval, research, and cataloging material created by al disciplines.

Whoever has funding, should support HIGICC to house HIGICC Discovery, UH-SOEST & PDC as portal

I really enjoyed learning about the University of Denver & University of Connecticut geospatial data pages. I think with collaboration with the local university here, we can come up with something similar and functional. Based on available resources, existing infrastructure and expertise (or lack of) and likelihood of getting funds (sustained) Consistent with agency mission. NOT private, due to potential conflicts of interest They already have started down this road Commercial company will have less red tape to disseminate the data

### 3. Metadata

	Yes	No	Maybe	Not Sure	
3.1. <i>Would your agency or department benefit from someone assisting them with metadata development?</i>	16	7	4	0	
Comment: absolutely! / YES! YES! YES! YES! PLEASE! / We already author a <u>lot</u> of MD. We even help others... / Already have someone					
3.2. <i>Assuming we all agree to use FGDC metadata standards, what level of metadata attribution would you like to see implemented?</i>	4	7	6	4	6
3.3. <i>Comments: Explain</i> Provide incentives for people to add metadata to their data, even if they don't see the immediate value of it. Definitely must have attribute info! Should be complete Perhaps having templates with having prefilled fields as a basis. The more complex, the more excuses for not creating/distributing. Not actually sure - but certainly not minimum (too little info) and not max (too cumbersome) - but must include source, date, history, attribute value meanings!!  Full MD standard should be goal. But min CSDGM stnds should be required... I believe there's a minimum acceptable standard As an employee in a Federal office, we have to do fully compliant FGDC metadata All required fields in FGDC + attribute definitions Need within state Metadata training opportunities. As long as someone else does it...					

**4. What methods would you like to see used for data delivery?**

4.1. FTP download	5	0	3	9	12
Comment: keep available...not everyone has fast internet					
4.2. HTML hyperlink	3	1	5	12	5
Comment: for 4.1 and 4.2 are we trying to get away from this and head toward web mapping services?					
4.3. Searchable Map library for download of existing pdf maps	5	7	7	5	4
4.4. Order CDs	14	8	5	1	1
Comment: always as an alternative					
4.5. Through searchable online map, select and download data	1	2	3	9	12
4.6. Zip and ship choosing datum, zone, unit, and format for data delivery	3	3	3	5	13
4.7. Map services (i.e., live GIS data feeds that allow you to load directly into your desktop map view)	4	1	3	3	13
Comment: Usually S-L-O-W Comment: I want the data!					
4.8. Other: DVD / WMS					3
4.9. Other: WFS					1
4.10. Other: KML					1
4.11. Comments:  Services should be the foundation. Shouldn't be a repository, but should provide active links to data at original locations + map services + download. Mapping services is the future and we should head towards this, but as an alternative, CD's are always an option. I need a hardcopy on my laptop...					

**5. What is important to you in a GIS portal user interface?**

5.1. Easy to use, intuitive	3	0	1	10	15
5.2. Fast /responsive	3	0	0	9	17
5.3. Modern interface (i.e., uses Silverlight, Flex, etc.)	2	1	6	12	6
Comment: no! not everyone has up to date flash! Comment for 5.1, 5.2 and 5.3: Must be all of these					
5.4. Other: Legibility for limited sight / content - rich / Has comprehensive amt of data					3
5.5. Other: Scalable icons and mouse over decriptions					1
5.6. Comments: Keep it simple. Maintain ADA accessibility. ArcPad ≠ Flash <u>Must</u> provide for different approaches for different user types - e.g. casual mappers using free tools.  Adheres to ADA and council. For the blind recommendations. Separate window navigation so you can <u>always</u> return to the source map/query page. Flex is Great Some things to consider: firewalls, security, etc. if the portal is not convenient, it won't be effective. I just need the data...					

**6. How should we work together to purchase large datasets used in common?**

- 6.1. Leverage buying power through collaborative data consortiums
- 6.2. Other: Coordinate interest and needs / Use my taxes for information not bombs. / Let Henry Buy It. / Training / MOV's with NOAA's coastal geospatial service contract (CGSC) / approach engineering, planning and surveying companies for input into a consortium / E911 - State funded County "owned" and controlled
- 6.3. Other: \_\_\_\_\_

2	0	0	8	20
0	0	1	1	5

6.4 Comments:  
 We should have an initiative to lobby for NAIP coverage.  
 Yes - communication is key - there are some who work in silos- don't inform as data is being contempl. if at all  
 E911 should be looked into... Data should be released to public... We have Google earth already...

**7. How should we go about sharing data?**

7.1. Use ad hoc “sneaker net” methods of copying hard drives or passing CDs or DVDs	7	7	8	5	2
<p style="text-align: center;">Comment: in the meantime Comment: keep available...not everyone has fast internet</p>					
7.2. Use a GIS portal capable of making data easily discoverable and downloadable	2	0	0	6	22
7.3. Other: Multiple data services - served from data origins / Data Search Engine (e.g. USGS Earth Explorer.) / Need demarkation of large vs small datasets / linked network interface / Use existing sites (e.g. state site, SOEST) / Annual "Data Discovery" workshop / FTP					4
7.4. Other: zip and ship					1
<p>7.5. Comments: Although this takes away from 'networking', a GIS portal is a seamless way of sharing data as it reduces duplication and everyone is speaking the same language. Sneaker not on work but we need better communication to let people know about existing data. We are not in the 'sneaker not' loop and thus the public could be at risk... If data not released who is liable?</p>					

**8. How should we go about increasing communication about key data availability and issues surrounding updates, etc.?**

Comments: Don't know yet!					
8.1. Blog	4	6	2	5	11
8.2. Facebook	8	8	3	7	2
8.3. Twitter	10	7	3	5	3
Comments: hate it, but Arkansas site uses it way cool.					
8.4. GeorSS	6	4	3	7	6
8.5. RSS	5	4	3	5	6
8.6. Listserve (i.e., blanket emails)	6	3	3	7	8
8.7. Other: targeted emails / website / specific Hawaii Data iphone App / LinkIn / Formal site with updates					5
8.8. Other:					
<p>8.9. Comments:</p> <p>Should provide data service service for those who can't serve their own data. I personally don't use these sights and are often blocked at my place of business. I like the old fashion email way of communicating key data availability (with an update capability)</p> <p>Not Sure</p>					