

## Municipal Survey 2006 - Alberta

1. Do you currently use GIS or CAD in your municipality?			
No (If No, please proceed to Question 2)		1	5%
Yes (If Yes, please proceed to Question 3)		19	95%
<b>Total</b>		20	100%

2. As you do not currently use GIS, do you know that there is FREE GIS software available to run on your PC or website to give you a start at little cost? Press the "Submit" button at the bottom of this page, or feel free to browse the rest of the questions. Thank you! (We will contact everyone with the web link once the survey is closed.)			
Yes, this is of interest to me. I will contact you at <a href="mailto:mapping@mcelhanney.com">mapping@mcelhanney.com</a>		0	0%
No, GIS is not of interest to me at this time.		1	100%

3. Which GIS or CAD systems do you currently use (select as many as applicable)?			
ArcGIS		14	73%
AutoCAD		11	57%
Microstation		2	10%
MapInfo		1	5%
Vision		0	0%
Smallworld		0	0%
Other, Please Specify <a href="#">View Responses</a>		6	31%

4. How complete is your base map data at your municipality?					
Top number is the count of respondents selecting the option. Bottom % is percent of total respondents selecting the option.	20%	40%	60%	80%	100%
	Road network	0 0%	0 0%	0 0%	7 37%
Street furniture	8 53%	4 27%	2 13%	1 7%	0 0%

Railway	1 6%	1 6%	1 6%	1 6%	13 76%
Water/sewer lines	3 19%	2 12%	5 31%	3 19%	3 19%
Land use	1 6%	1 6%	1 6%	5 29%	9 53%
Land cover	5 33%	1 7%	1 7%	3 20%	5 33%
Building footprints	10 62%	1 6%	2 12%	1 6%	2 12%
Building heights	14 100%	0 0%	0 0%	0 0%	0 0%
Cadastre	1 6%	0 0%	0 0%	2 11%	15 83%
Emergency services	1 6%	2 12%	5 29%	3 18%	6 35%
Natural hazards	8 50%	1 6%	3 19%	1 6%	3 19%
DEM	5 29%	1 6%	0 0%	2 12%	9 53%
Orthophotos	0 0%	0 0%	0 0%	3 17%	15 83%

5. Are there any map data sets that you do not own, but would like to acquire for your department over the next year?

No, we have all the data layers of interest to us.	8	42%
Yes. The new data layers of interest are: <a href="#">View Responses</a>	11	58%
<b>Total</b>	<b>19</b>	<b>100%</b>

6. How is your municipality making use of Google Earth (select as many as applicable)?

We are not yet using Google Earth.	18	94%
We are using Google Earth for internal planning purposes.	1	5%
We are adding our municipal data to Google Earth.	0	0%
We are offering our GIS data in KML format to the public.	0	0%
We are taking advantage of the 3D building visualization in Google Earth.	0	0%
Other, please specify	0	0%

7. One way of managing municipal asset condition is by geo-tagging digital photos (ie. taking a digital photo of the asset and tagging it with a GPS location) for use in your

GIS/CAD system. At what stage are you in the use of geo-tagging digital photos?			
We are currently geo-tagging photos.		7	37%
We are not geo-tagging photos and probably will not in the future.		3	16%
We are not geo-tagging photos, but are interested.		9	47%
<b>Total</b>		19	100%

8. A complimentary tool to geo-tagging photos is using Mobile GIS, such as ArcPAD or ENCOM Discover Mobile, to update information in the field. At what stage are you in the use of Mobile GIS?			
We already use Mobile GIS.		12	67%
We are interested in Mobile GIS but have not implemented so far.		5	28%
We are not interested in Mobile GIS.		1	6%
Other, please specify		0	0%
<b>Total</b>		18	100%

9. To assist in the use of Mobile GIS and/or web-based mapping for field crews, at what stage are you in providing WIFI access across your municipality?			
We have already implemented WIFI access for field crews.		1	6%
We are interested in WIFI access for field crews but have not implemented so far.		10	56%
We are not interested in WIFI access for field crews.		7	39%
Other, please specify		0	0%
<b>Total</b>		18	100%

10. High ground resolution satellites are being launched on a regular basis. 81cm IKONOS and 61cm Quickbird images are commonly acquired images. Within the next year there will be the 41cm ground resolution GeoEye-1 satellite. At what stage are you in the use of high resolution satellite images?			
We currently use high res satellite images.		3	16%
We are interested in using high res satellite images but		9	47%

have not tried so far.			
We are not interested in using high res satellite images.		5	26%
Other, please specify <a href="#">View Responses</a>		2	11%
<b>Total</b>		19	100%

11. The use of spatially enabled databases is growing, with both Open Source and closed source databases being available. Which spatially enabled database do you use?

We do not yet use a spatially enabled database and are not interested.		2	11%
We are interested in a spatially enabled database but have not yet implemented so far.		4	21%
Oracle Spatial		0	0%
ESRI Geodatabase		2	11%
ESRI ArcSDE		5	26%
MapInfo Spatialware		0	0%
PostGIS/PostgreSQL		1	5%
MySQL		4	21%
DB2 V7.2 or DB2 V8		0	0%
Other, please specify <a href="#">View Responses</a>		1	5%
<b>Total</b>		19	100%

12. What do you think will be the most significant issue or development in the GIS industry over the next year?

[View 11 Responses](#)

13. Are there any other comments, questions or issues regarding GIS that you would like to discuss? Please feel free to elaborate. Thanks for participating in this survey! We will email everyone with the web link to the survey results when the survey has closed.

[View 2 Responses](#)

## Municipal Survey 2006 - Alberta

### Results Overview: Open Ended Responses

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11. The use of spatially enabled databases is growing, with both Open Source and closed source databases being available. Which spatially enabled database do you use?

#	Response
1	MS SQL

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## Municipal Survey 2006 - Alberta

### Results Overview: Open Ended Responses

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10. High ground resolution satellites are being launched on a regular basis. 81cm IKONOS and 61cm Quickbird images are commonly acquired images. Within the next year there will be the 41cm ground resolution GeoEye-1 satellite. At what stage are you in the use of high resolution satellite images?

#	Response
1	We use high-res fixed-wing captured ortho photos.
2	25 cm B&W digital Orthography acquired bi-annually

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## Municipal Survey 2006 - Alberta

### Results Overview: Open Ended Responses

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#	Response
	5. Are there any map data sets that you do not own, but would like to acquire for your department over the next year?
1	Crown Dispositions
2	DEM data; 100 yr flood plain data
3	contours
4	Traffic volumes for intersections
5	infrastructure inventory
6	Postal Code Zones
7	Building footprints
8	DEM
9	power (buried and overhead), Gas, and com lines
10	Disposition Mapping
11	Trails, bus routes, business locations, parks, etc

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## Municipal Survey 2006 - Alberta

### Results Overview: Open Ended Responses

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3. Which GIS or CAD systems do you currently use (select as many as applicable)?	
#	Response
1	GRASS
2	CAMS from Gemini Positioning Systems
3	Intergraph
4	Telus online GIS
5	ArcView 3.2a
6	Intergraph Geomedia

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## Municipal Survey 2006 - Alberta

### Results Overview: Open Ended Responses

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#	Response
	12. What do you think will be the most significant issue or development in the GIS industry over the next year?
1	Crown Dispositions
2	WI/FI and 311
3	GIS for asset management.
4	Integration with multiple users of data
5	Google Earth type applications.
6	As far as Alberta is concerned, finding enough GIS Professionals to satisfy the requirements of the industry. We've recently posted for an entry level GIS position and every person we are interviewing currently resides in Ontario.
7	Video inventory of Assets
8	Open source GIS and Public access to government GIS data.
9	mobile GIS
10	Standards development for interoperability.
11	Going beyond the browser to interface more with mobile devices.

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