Wisconsin Lidar Training Needs Community Survey Results, October 26, 2016

The State Cartographer's Office at UW-Madison, in collaboration with the Wisconsin Department of Administration, is considering developing a short workshop entitled "Introduction to Lidar Data Processing." This workshop would provide attendees with a hands-on introduction to selected airborne lidar data processing methods using recent lidar datasets for Wisconsin.

Would such a workshop be of value to you or someone you supervise?

#	Answer	Bar	Response	%
1	Yes		238	92.97%
2	No		0	0.00%
3	Maybe/not sure (please explain)		18	7.03%
	Total		256	100.00%

Which of the following topics would be of value? (Choose as many as you want.)

#	Answer	Bar	Response	%
1	What is lidar?		49	21.21%
2	Format of lidar data		145	62.77%
3	How is lidar used by local, state, federal and private users in Wisconsin?		146	63.20%
4	Working with lidar using ArcGIS desktop and 3D Analyst		207	89.61%
5	Working with lidar using open source software		107	46.32%
6	Developing your own lidar data acquisition project		73	31.60%
7	Lidar accuracy reports and metadata		138	59.74%
8	Other (please specify)		16	6.93%
	Total		881	100.00%

Other category includes: Terrestrial lidar; Using lidar in CAD; Using lidar in AutoCAD Civil 3D; Using lidar in ArcGIS Pro; Using lidar in Blue Marble; Limitations of lidar; Soft- vs. hard-surface accuracy; engineering vs. planning accuracy; Data density and accuracy; Industry needs and skills for lidar; Lidar for floodplan management; Classifying lidar data; Point clouds from Structure from Motion; Terrestrial vs. mobile vs. aerial lidar data.

Which of the following lidar applications are of interest to you? (Choose as many as you want.)

#	Answer	Bar	Response	%
1	Hydrological		153	66.23%
2	Forestry		99	42.86%
3	Emergency management		103	44.59%
4	Planning and zoning		157	67.97%
5	Land and water conservation		165	71.43%
6	Other (please specify)		37	16.02%
	Total		714	100.00%

Other category includes: Wetlands; Surface water mapping; Water quality; Utilities; Transportation; Topographic mapping; Surveying and mapping; Site development; Property assessment and encroachment; Pavement evaluation; Land use planning; Land and water conservation; Structure identification; Grading; Geosciences; Geomorphology; Archaeology; Landscapes; Engineering design; Emergency management; Ecology; DEMs; Cultural/historic preservation; Asset management; Agriculture; 3D printing.

From your perspective as a potential attendee, or someone who might send staff to this workshop, is 1-1/2 days an appropriate amount of time?

#	Answer	Bar	Response	%
1	Yes, this is an appropriate amount of time.		174	75.98%
2	No, this is too much time. I want something shorter.		35	15.28%
3	No, this is not enough time. I want a longer course.		20	8.73%
	Total		229	100.00%

From your perspective, does the Madison location make attending the workshop prohibitive due to the travel and/or cost involved?

#	Answer	Bar	Response	%
1	The location would make it very difficult to attend.		16	7.05%
2	The location is not ideal, but attendance would still be possible.		66	29.07%
3	The location would not pose any problems for attendance.		135	59.47%
4	Other (please specify)	-	10	4.41%
	Total		227	100.00%

Does the in-person format of the workshop seem appropriate to you?

#	Answer	Bar	Response	%
1	Yes, it seems appropriate.		198	86.09%
2	No, I would rather see this being offered online.		14	6.09%
3	Other (please specify)		18	7.83%
	Total		230	100.00%

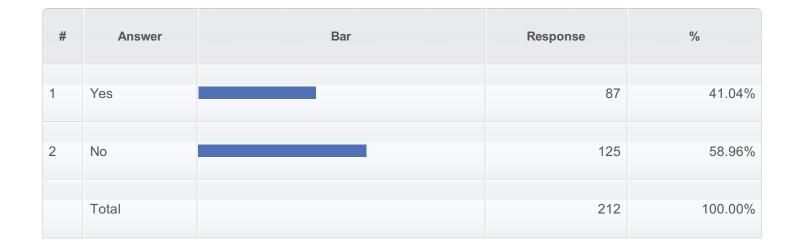
We hope to offer the workshop during the week of March 18-26, 2017. Would you (or your staff) be able to attend that week?

#	Answer	Bar	Response	%
1	Yes, this week is OK.		196	85.96%
2	No, this week would not work.		8	3.51%
3	Other (please specify)		24	10.53%
	Total		228	100.00%

Do you currently have access to ArcGIS 3D Analyst?



Would it be beneficial to you if this workshop carried CEUs (continuing education units)?



In order to recover costs, it is necessary for us to charge a fee for this workshop. How much would you consider paying for this workshop?

#	Answer	Bar	Response	%
1	I would not be able to pay for this workshop		30	13.70%
2	Less than \$250		157	71.69%
3	\$250 to \$500		32	14.61%
4	Over \$500		0	0.00%
	Total		219	100.00%

What is your affiliation?

#	Answer	Bar	Response	%
1	Student		21	9.17%
2	Educator		17	7.42%
3	Local government		79	34.50%
4	Private sector		29	12.66%
5	Non-profit		6	2.62%
6	Other (please specify)		12	5.24%
7	State government		50	21.83%
8	Regional government		12	5.24%
9	Federal government	I	3	1.31%
	Total		229	100.00%

Other category includes: University alumnus; Federal contractor; Utility; Independent contractor; Researcher; Tribal government.