



Summary Results of Online Survey – Conducted 2020-21 by SLUMAP

Summary for G6Q00001(SQ01)[Vagueness in definition of terms (e.g. slum, deprivation, informal settlements)]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	38	33.93%	
4 (AO08)	21	18.75%	
3 (AO10)	11	9.82%	
2 (AO11)	12	10.71%	
1 - Least frequently encountered (AO12)	12	10.71%	
No answer	18	16.07%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00001(SQ02)[Confusing terms used]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	14	12.50%	
4 (AO08)	23	20.54%	
3 (AO10)	22	19.64%	
2 (AO11)	14	12.50%	
1 - Least frequently encountered (AO12)	16	14.29%	
No answer	23	20.54%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00001(SQ03)[Large data uncertainty (e.g. uncertainties in measurement and visual interpretation)]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	38	33.93%	
4 (AO08)	24	21.43%	
3 (AO10)	16	14.29%	
2 (AO11)	8	7.14%	
1 - Least frequently encountered	4	3.57%	
No answer	22	19.64%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00001(SQ04)[Low data accuracy]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	36	32.14%	
4 (AO08)	26	23.21%	
3 (AO10)	19	16.96%	
2 (AO11)	8	7.14%	
1 - Least frequently encountered (AO12)	6	5.36%	
No answer	17	15.18%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00001(SQ05)[Limited data compatibility/interoperability]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	23	20.54%	
4 (AO08)	28	25.00%	
3 (AO10)	11	9.82%	
2 (AO11)	8	7.14%	
1 - Least frequently encountered (AO12)	9	8.04%	
No answer	33	29.46%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00001(SQ06)[Limited data accessibility]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	39	34.82%	
4 (AO08)	35	31.25%	
3 (AO10)	13	11.61%	
2 (AO11)	3	2.68%	
1 - Least frequently encountered (AO12)	5	4.46%	
No answer	17	15.18%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	



## Results of Online Survey: <https://slummap.net/>

Summary for G6Q0001(SQ07)[Limited spatial/temporal coverage]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	35	31.25%	
4 (AO08)	30	26.79%	
3 (AO10)	21	18.75%	
2 (AO11)	3	2.68%	
1 - Least frequently encountered (AO12)	3	2.68%	
No answer	20	17.86%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0001(SQ08)[Limited spatial/temporal resolution]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	35	31.25%	
4 (AO08)	24	21.43%	
3 (AO10)	19	16.96%	
2 (AO11)	6	5.36%	
1 - Least frequently encountered (AO12)	3	2.68%	
No answer	25	22.32%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0001(SQ09)[Lack of up-to-date data]			
Please rank the following problems you encountered in your work or research from the most frequent to the least.			
Answer	Count	Gross percentage	
5 - Most frequently encountered (AO09)	65	58.04%	
4 (AO08)	18	16.07%	
3 (AO10)	10	8.93%	
2 (AO11)	3	2.68%	
1 - Least frequently encountered (AO12)	0	0.00%	
No answer	16	14.29%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0002(SQ01)[Communication]			
Which of the following you've found to be most difficult in your work or research related to slum data?			
Answer	Count	Gross percentage	
5 - Very difficult (AO01)	20	17.86%	
4 (AO02)	25	22.32%	
3 (AO03)	20	17.86%	
2 (AO04)	20	17.86%	
1 - Not difficult at all (AO05)	12	10.71%	
No answer	15	13.39%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0002(SQ02)[Information and knowledge sharing]			
Which of the following you've found to be most difficult in your work or research related to slum data?			
Answer	Count	Gross percentage	
5 - Very difficult (AO01)	28	25.00%	
4 (AO02)	25	22.32%	
3 (AO03)	26	23.21%	
2 (AO04)	8	7.14%	
1 - Not difficult at all (AO05)	9	8.04%	
No answer	16	14.29%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0002(SQ03)[Data analysis]			
Which of the following you've found to be most difficult in your work or research related to slum data?			
Answer	Count	Gross percentage	
5 - Very difficult (AO01)	10	8.93%	
4 (AO02)	26	23.21%	
3 (AO03)	35	31.25%	
2 (AO04)	13	11.61%	
1 - Not difficult at all (AO05)	13	11.61%	
No answer	15	13.39%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q0002(SQ04)[Data synthesis (combination and organization)]			
Which of the following you've found to be most difficult in your work or research related to slum data?			
Answer	Count	Gross percentage	
5 - Very difficult (AO01)	16	14.29%	
4 (AO02)	22	19.64%	
3 (AO03)	34	30.36%	
2 (AO04)	18	16.07%	



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1 - Not difficult at all (AO05)	5	4.46%
No answer	17	15.18%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00003</b>		
Please choose the slum characteristics (at most 3 choices) that you would need the most in your work or research.		
Answer	Count	Gross percentage
Slum location (SQ01)	62	55.36%
Slum size (SQ02)	52	46.43%
Slum shape (SQ03)	24	21.43%
Surrounding environment (SQ04)	31	27.68%
Slum building type (SQ05)	36	32.14%
Slum building density/spacing (SQ06)	60	53.57%
Slum roof materials (SQ07)	11	9.82%
Other	9	8.04%
Total(gross)	285	100.00%
<b>Summary for G6Q00004(SQ01)[There may be a universal definition of slums.]</b>		
According to your knowledge, do you think different users would be able to agree upon the following statements for a global spatial database on slums?		
Answer	Count	Gross percentage
Yes (Y)	30	26.79%
No (N)	28	25.00%
Uncertain (U)	42	37.50%
No answer	12	10.71%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00004(SQ02)[A slum can be delineated by clear boundary.]</b>		
According to your knowledge, do you think different users would be able to agree upon the following statements for a global spatial database on slums?		
Answer	Count	Gross percentage
Yes (Y)	28	25.00%
No (N)	33	29.46%
Uncertain (U)	40	35.71%
No answer	11	9.82%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00004(SQ03)[A slum has an exact location.]</b>		
According to your knowledge, do you think different users would be able to agree upon the following statements for a global spatial database on slums?		
Answer	Count	Gross percentage
Yes (Y)	46	41.07%
No (N)	17	15.18%
Uncertain (U)	37	33.04%
No answer	12	10.71%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00005(SQ01)[Sharing exact boundaries]</b>		
How sensitive is it to share spatial data on slums, with regards to privacy issues?		
Answer	Count	Gross percentage
5 - Very sensitive (AO01)	22	19.64%
4 (AO02)	21	18.75%
3 (AO03)	16	14.29%
2 (AO04)	19	16.96%
1 - Non-sensitive (AO05)	19	16.96%
No answer	15	13.39%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00005(SQ02)[Sharing central/centroid location]</b>		
How sensitive is it to share spatial data on slums, with regards to privacy issues?		
Answer	Count	Gross percentage
5 - Very sensitive (AO01)	7	6.25%
4 (AO02)	14	12.50%
3 (AO03)	18	16.07%
2 (AO04)	17	15.18%
1 - Non-sensitive (AO05)	35	31.25%
No answer	21	18.75%
Not displayed	0	0.00%
Total(gross)	112	100.00%
<b>Summary for G6Q00005(SQ03)[Sharing fuzzy boundaries/gridded probability of slum]</b>		
How sensitive is it to share spatial data on slums, with regards to privacy issues?		
Answer	Count	Gross percentage
5 - Very sensitive (AO01)	5	4.46%
4 (AO02)	16	14.29%



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	3 (AO03)	17	15.18%	
	2 (AO04)	21	18.75%	
	1 - Non-sensitive (AO05)	31	27.68%	
	No answer	22	19.64%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00005(SQ04)[Sharing symbols of location such as squares and circles]</b>				
<b>How sensitive is it to share spatial data on slums, with regards to privacy issues?</b>				
Answer		Count	Gross percentage	
	5 - Very sensitive (AO01)	9	8.04%	
	4 (AO02)	14	12.50%	
	3 (AO03)	11	9.82%	
	2 (AO04)	22	19.64%	
	1 - Non-sensitive (AO05)	31	27.68%	
	No answer	25	22.32%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00006(SQ01)[Exact boundary]</b>				
<b>How would you rank the potential of the following representation of slums in protecting data privacy?</b>				
Answer		Count	Gross percentage	
	5 - Very high potential (AO01)	23	20.54%	
	4 (AO02)	6	5.36%	
	3 (AO03)	14	12.50%	
	2 (AO04)	23	20.54%	
	1 - No potential (AO05)	19	16.96%	
	No answer	27	24.11%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00006(SQ03)[Fuzzy boundary]</b>				
<b>How would you rank the potential of the following representation of slums in protecting data privacy?</b>				
Answer		Count	Gross percentage	
	5 - Very high potential (AO01)	13	11.61%	
	4 (AO02)	22	19.64%	
	3 (AO03)	19	16.96%	
	2 (AO04)	15	13.39%	
	1 - No potential (AO05)	12	10.71%	
	No answer	31	27.68%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00006(SQ04)[Gridded slum probability]</b>				
<b>How would you rank the potential of the following representation of slums in protecting data privacy?</b>				
Answer		Count	Gross percentage	
	5 - Very high potential (AO01)	22	19.64%	
	4 (AO02)	20	17.86%	
	3 (AO03)	30	26.79%	
	2 (AO04)	4	3.57%	
	1 - No potential (AO05)	8	7.14%	
	No answer	28	25.00%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00006(SQ05)[Only rough symbol over the slum location]</b>				
<b>How would you rank the potential of the following representation of slums in protecting data privacy?</b>				
Answer		Count	Gross percentage	
	5 - Very high potential (AO01)	16	14.29%	
	4 (AO02)	20	17.86%	
	3 (AO03)	15	13.39%	
	2 (AO04)	14	12.50%	
	1 - No potential (AO05)	13	11.61%	
	No answer	34	30.36%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%
<b>Summary for G6Q00006(SQ06)[Only central/centroid location]</b>				
<b>How would you rank the potential of the following representation of slums in protecting data privacy?</b>				
Answer		Count	Gross percentage	
	5 - Very high potential (AO01)	22	19.64%	
	4 (AO02)	13	11.61%	
	3 (AO03)	14	12.50%	
	2 (AO04)	11	9.82%	
	1 - No potential (AO05)	17	15.18%	
	No answer	35	31.25%	
	Not displayed	0	0.00%	
	Total(gross)	112		100.00%



## Results of Online Survey: <https://slummap.net/>

Summary for G6Q00007(SQ01)[Exact boundary]			
For your work and research, how acceptable is it to represent slums in terms of the following alternatives? Please rank.			
Answer	Count	Gross percentage	
5- Very much acceptable (AO01)	56	50.00%	
4 (AO02)	19	16.96%	
3 (AO03)	9	8.04%	
2 (AO04)	4	3.57%	
1 - Not acceptable at all (AO05)	3	2.68%	
No answer	21	18.75%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00007(SQ03)[Gridded slum Probability]			
For your work and research, how acceptable is it to represent slums in terms of the following alternatives? Please rank.			
Answer	Count	Gross percentage	
5- Very much acceptable (AO01)	18	16.07%	
4 (AO02)	25	22.32%	
3 (AO03)	18	16.07%	
2 (AO04)	10	8.93%	
1 - Not acceptable at all (AO05)	9	8.04%	
No answer	32	28.57%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00007(SQ04)[Fuzzy boundary]			
For your work and research, how acceptable is it to represent slums in terms of the following alternatives? Please rank.			
Answer	Count	Gross percentage	
5- Very much acceptable (AO01)	15	13.39%	
4 (AO02)	30	26.79%	
3 (AO03)	14	12.50%	
2 (AO04)	14	12.50%	
1 - Not acceptable at all (AO05)	10	8.93%	
No answer	29	25.89%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00007(SQ05)[Only rough symbol over the slum location]			
For your work and research, how acceptable is it to represent slums in terms of the following alternatives? Please rank.			
Answer	Count	Gross percentage	
5- Very much acceptable (AO01)	11	9.82%	
4 (AO02)	11	9.82%	
3 (AO03)	22	19.64%	
2 (AO04)	18	16.07%	
1 - Not acceptable at all (AO05)	17	15.18%	
No answer	33	29.46%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G6Q00007(SQ06)[Only central/centroid location]			
For your work and research, how acceptable is it to represent slums in terms of the following alternatives? Please rank.			
Answer	Count	Gross percentage	
5- Very much acceptable (AO01)	9	8.04%	
4 (AO02)	7	6.25%	
3 (AO03)	16	14.29%	
2 (AO04)	18	16.07%	
1 - Not acceptable at all (AO05)	26	23.21%	
No answer	36	32.14%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	
Summary for G4Q00001			
How often do you use spatial data in your current work on the scale of [1 (never), 5 (as often as daily)]?			
Answer	Count	Gross percentage	Top 2, Middle, Bottom 2
1 (1)	3	2.68%	14.42%
2 (2)	12	10.71%	
3 (3)	21	18.75%	20.19%
4 (4)	23	20.54%	
5 (5)	45	40.18%	65.38%
Total(valid)	104		100.00%
No answer	8	7.14%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
Descriptive statistics			
Arithmetic mean		3.91	
Standard deviation		1.17	
Summary for G4Q00002			
How do you rank the importance of spatial data in your work on the scale of [1 (not important), 5 (very important)]?			



## Results of Online Survey: <https://slummap.net/>

Answer	Count	Gross percentage	Top 2, Middle, Bottom 2
1 (1)	0	0.00%	5.83%
2 (2)	6	5.36%	
3 (3)	17	15.18%	16.50%
4 (4)	13	11.61%	
5 (5)	67	59.82%	77.67%
Total(valid)	103		100.00%
No answer	9	8.04%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Descriptive statistics</b>			
Arithmetic mean			4.37
Standard deviation			0.96
<b>Summary for G4Q00003</b>			
<b>How do you have access to slum map data?</b>			
Answer	Count	Gross percentage	
Paper maps (SQ01)	36	32.14%	
GIS files (SQ02)	57	50.89%	
GIS database (SQ03)	46	41.07%	
Web service (SQ04)	35	31.25%	
No/very limited access (SQ06)	30	26.79%	
Other	8	7.14%	
Total(gross)	212		100.00%
<b>Summary for G4Q00004</b>			
<b>Which one of the following best describes the source of your data?</b>			
Answer	Count	Gross percentage	
Self production (AO01)	39	34.82%	
Government official data (AO02)	26	23.21%	
Third party (AO03)	15	13.39%	
Open online portal (AO04)	18	16.07%	
Unknown (AO05)	0	0.00%	
Other	0	0.00%	
No answer	11	9.82%	
Not displayed	3	2.68%	
Total(gross)	112		100.00%
<b>Summary for G4Q00005</b>			
<b>According to your knowledge, how is your slum data produced?</b>			
Answer	Count	Gross percentage	
Field work with pen and paper (SQ01)	47	41.96%	
Field work with GPS technology (SQ02)	63	56.25%	
Participatory mapping (SQ03)	57	50.89%	
Satellite image interpretation by human (SQ04)	63	56.25%	
Drone image interpretation by human (SQ05)	18	16.07%	
Satellite image interpretation with AI (SQ06)	16	14.29%	
Drone image interpretation with AI (SQ07)	4	3.57%	
Unknown (SQ08)	1	0.89%	
Other	3	2.68%	
Not displayed	11	9.82%	
Total(gross)	283		100.00%
<b>Summary for G4Q00006(SQ01)[Free open airborne images]</b>			
<b>Please indicate the proportion of the following data types involved in your work or research.</b>			
Answer	Count	Gross percentage	
80-100% (AO01)	21	18.75%	
60-80% (AO02)	13	11.61%	
40-60% (AO03)	12	10.71%	
20-40% (AO04)	8	7.14%	
0-20% (AO05)	20	17.86%	
No answer	38	33.93%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G4Q00006(SQ02)[Paid airborne images]</b>			
<b>Please indicate the proportion of the following data types involved in your work or research.</b>			
Answer	Count	Gross percentage	
80-100% (AO01)	7	6.25%	
60-80% (AO02)	0	0.00%	
40-60% (AO03)	5	4.46%	
20-40% (AO04)	12	10.71%	
0-20% (AO05)	33	29.46%	
No answer	55	49.11%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G4Q00006(SQ03)[LiDAR or radar point cloud data]</b>			



## Results of Online Survey: <https://slummap.net/>

Please indicate the proportion of the following data types involved in your work or research.				
Answer	Count	Gross percentage		
80-100% (AO01)	1	0.89%		
60-80% (AO02)	2	1.79%		
40-60% (AO03)	4	3.57%		
20-40% (AO04)	5	4.46%		
0-20% (AO05)	29	25.89%		
No answer	71	63.39%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0006(SQ04)[Image derived GIS polygons, points and lines]				
Please indicate the proportion of the following data types involved in your work or research.				
Answer	Count	Gross percentage		
80-100% (AO01)	26	23.21%		
60-80% (AO02)	13	11.61%		
40-60% (AO03)	15	13.39%		
20-40% (AO04)	13	11.61%		
0-20% (AO05)	11	9.82%		
No answer	34	30.36%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0006(SQ05)[Government official field survey data]				
Please indicate the proportion of the following data types involved in your work or research.				
Answer	Count	Gross percentage		
80-100% (AO01)	23	20.54%		
60-80% (AO02)	18	16.07%		
40-60% (AO03)	17	15.18%		
20-40% (AO04)	12	10.71%		
0-20% (AO05)	20	17.86%		
No answer	22	19.64%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0006(SQ06)[Crowdsourcing data from citizen participants]				
Please indicate the proportion of the following data types involved in your work or research.				
Answer	Count	Gross percentage		
80-100% (AO01)	7	6.25%		
60-80% (AO02)	11	9.82%		
40-60% (AO03)	12	10.71%		
20-40% (AO04)	16	14.29%		
0-20% (AO05)	20	17.86%		
No answer	46	41.07%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0007(SQ01)[Paid software and tools]				
Please indicate a rough proportion of your working time using the following tools for spatial data analysis.				
Answer	Count	Gross percentage		
80-100% (AO01)	18	16.07%		
60-80% (AO02)	12	10.71%		
40-60% (AO03)	5	4.46%		
20-40% (AO04)	17	15.18%		
0-20% (AO05)	24	21.43%		
No answer	36	32.14%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0007(SQ02)[Open source software and tools]				
Please indicate a rough proportion of your working time using the following tools for spatial data analysis.				
Answer	Count	Gross percentage		
80-100% (AO01)	37	33.04%		
60-80% (AO02)	17	15.18%		
40-60% (AO03)	15	13.39%		
20-40% (AO04)	7	6.25%		
0-20% (AO05)	14	12.50%		
No answer	22	19.64%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G4Q0007(SQ03)[Open web service tools]				
Please indicate a rough proportion of your working time using the following tools for spatial data analysis.				
Answer	Count	Gross percentage		
80-100% (AO01)	14	12.50%		
60-80% (AO02)	10	8.93%		
40-60% (AO03)	11	9.82%		
20-40% (AO04)	11	9.82%		
0-20% (AO05)	19	16.96%		





## Results of Online Survey: <https://slummap.net/>

No answer	47	41.96%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
Please indicate a rough proportion of your working time using the following tools for spatial data analysis.			
Answer	Count	Gross percentage	
80-100% (AO01)	8	7.14%	
60-80% (AO02)	3	2.68%	
40-60% (AO03)	8	7.14%	
20-40% (AO04)	7	6.25%	
0-20% (AO05)	30	26.79%	
No answer	56	50.00%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G4Q00008</b>			
Please specify the minimum frequency slum maps need to be updated.			
Answer	Count	Gross percentage	
< 1 month (AO01)	4	3.57%	
1 - 3 months (AO02)	13	11.61%	
3 - 6 months (AO03)	11	9.82%	
6 - 12 months (AO04)	27	24.11%	
12 - 24 months (AO05)	27	24.11%	
> 24 months (AO06)	11	9.82%	
No answer	19	16.96%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G4Q00009</b>			
Which of the following level of service would be most beneficial to your work or research?			
Answer	Count	Gross percentage	
Raw image data download (AO01)	14	12.50%	
GIS data download (AO02)	44	39.29%	
Web based analysis service (slum location, size, population estimation) ) (AO03)	41	36.61%	
Other	0	0.00%	
No answer	13	11.61%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G4Q00010</b>			
What data and tools that are non-spatial are you mostly using in link with your work on slums?			
Answer	Count	Gross percentage	
Answer	3	2.68%	
No answer	109	97.32%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G1Q00001</b>			
Please indicate your gender.			
Answer	Count	Gross percentage	
Female (AO01)	34	30.36%	
Male (AO02)	71	63.39%	
Others (AO03)	0	0.00%	
No answer	7	6.25%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G1Q00002</b>			
Please indicate your age below.			
Answer	Count	Gross percentage	
< 25 (AO01)	1	0.89%	
25 - 35 (AO02)	42	37.50%	
36 - 45 (AO03)	42	37.50%	
46 - 55 (AO04)	14	12.50%	
> 55 (AO05)	6	5.36%	
No answer	7	6.25%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Summary for G1Q00003</b>			
How many years of professional experience do you have?			
Answer	Count	Gross percentage	
0-3 years (AO01)	12	10.71%	
4-6 years (AO02)	11	9.82%	
7-10 years (AO03)	28	25.00%	
10+ years (AO04)	55	49.11%	
No answer	6	5.36%	
Not displayed	0	0.00%	





## Results of Online Survey: <https://slummap.net/>

Total(gross)	112		100.00%
<b>Summary for G1Q00004</b>			
<b>Which of the following best describes the sectors you work for?</b>			
Answer	Count	Gross percentage	
National government (AO01)	8	7.14%	
Sub national/local government (AO02)	5	4.46%	
Civil society/NGO (AO03)	6	5.36%	
Private sector (AO04)	3	2.68%	
Academia/Universities (AO05)	60	53.57%	
Research institution (non-university) (AO06)	16	14.29%	
International organization (AO07)	7	6.25%	
Other	0	0.00%	
No answer	4	3.57%	
Not displayed	3	2.68%	
Total(gross)	112		100.00%
<b>Summary for G1Q00005</b>			
<b>Which of the following best describes your professional knowledge?</b>			
Answer	Count	Gross percentage	
City/regional planning (SQ01)	49	43.75%	
Landscape architecture (SQ02)	1	0.89%	
Remote sensing and photogrammetry (SQ03)	29	25.89%	
Human geography (SQ04)	30	26.79%	
Geoinformatics (SQ05)	38	33.93%	
Environmental science (SQ06)	16	14.29%	
Economy (SQ07)	10	8.93%	
Data science and artificial intelligence (SQ08)	17	15.18%	
Other	27	24.11%	
Total(gross)	217		100.00%
<b>Summary for G1Q00006 [1]</b>			
<b>In your project or during your work, please rank the involvement (from high to low) in the following tasks.[Ranking 1]</b>			
Answer	Count	Gross percentage	
Data collection through fieldwork (AO01)	43	38.39%	
Data collection through compiling multisource data (AO02)	11	9.82%	
Database construction (AO03)	1	0.89%	
Data preprocessing and cleaning (AO04)	4	3.57%	
Data analysis tool/program development (AO05)	6	5.36%	
Data analysis (visualization, modeling and simulation) (AO06)	12	10.71%	
Data dissemination (through web service) (AO07)	0	0.00%	
Consulting (AO08)	9	8.04%	
Policy making (AO09)	4	3.57%	
Planning (AO10)	13	11.61%	
Other administrative (AO11)	0	0.00%	
Not displayed	9	8.04%	
Total(gross)	112		100.00%
<b>Summary for G1Q00006 [2]</b>			
<b>In your project or during your work, please rank the involvement (from high to low) in the following tasks.[Ranking 2]</b>			
Answer	Count	Gross percentage	
Data collection through fieldwork (AO01)	10	8.93%	
Data collection through compiling multisource data (AO02)	23	20.54%	
Database construction (AO03)	11	9.82%	
Data preprocessing and cleaning (AO04)	10	8.93%	
Data analysis tool/program development (AO05)	12	10.71%	
Data analysis (visualization, modeling and simulation) (AO06)	11	9.82%	
Data dissemination (through web service) (AO07)	2	1.79%	
Consulting (AO08)	3	2.68%	
Policy making (AO09)	6	5.36%	
Planning (AO10)	10	8.93%	
Other administrative (AO11)	2	1.79%	
Not displayed	12	10.71%	
Total(gross)	112		100.00%
<b>Summary for G1Q00006 [3]</b>			
<b>In your project or during your work, please rank the involvement (from high to low) in the following tasks.[Ranking 3]</b>			
Answer	Count	Gross percentage	
Data collection through fieldwork (AO01)	10	8.93%	
Data collection through compiling multisource data (AO02)	10	8.93%	
Database construction (AO03)	7	6.25%	
Data preprocessing and cleaning (AO04)	13	11.61%	
Data analysis tool/program development (AO05)	15	13.39%	
Data analysis (visualization, modeling and simulation) (AO06)	15	13.39%	
Data dissemination (through web service) (AO07)	1	0.89%	
Consulting (AO08)	8	7.14%	
Policy making (AO09)	3	2.68%	
Planning (AO10)	7	6.25%	



## Results of Online Survey: <https://slummap.net/>

Other administrative (AO11)	3	2.68%	
Not displayed	20	17.86%	
Total(gross)	112		100.00%
<b>Summary for G1Q00006 [4]</b>			
<b>In your project or during your work, please rank the involvement (from high to low) in the following tasks.[Ranking 4]</b>			
Answer	Count	Gross percentage	
Data collection through fieldwork (AO01)	5	4.46%	
Data collection through compiling multisource data (AO02)	9	8.04%	
Database construction (AO03)	4	3.57%	
Data preprocessing and cleaning (AO04)	12	10.71%	
Data analysis tool/program development (AO05)	8	7.14%	
Data analysis (visualization, modeling and simulation) (AO06)	15	13.39%	
Data dissemination (through web service) (AO07)	6	5.36%	
Consulting (AO08)	5	4.46%	
Policy making (AO09)	4	3.57%	
Planning (AO10)	12	10.71%	
Other administrative (AO11)	3	2.68%	
Not displayed	29	25.89%	
Total(gross)	112		100.00%
<b>Summary for G1Q00006 [5]</b>			
<b>In your project or during your work, please rank the involvement (from high to low) in the following tasks.[Ranking 5]</b>			
Answer	Count	Gross percentage	
Data collection through fieldwork (AO01)	4	3.57%	
Data collection through compiling multisource data (AO02)	3	2.68%	
Database construction (AO03)	6	5.36%	
Data preprocessing and cleaning (AO04)	6	5.36%	
Data analysis tool/program development (AO05)	2	1.79%	
Data analysis (visualization, modeling and simulation) (AO06)	12	10.71%	
Data dissemination (through web service) (AO07)	5	4.46%	
Consulting (AO08)	9	8.04%	
Policy making (AO09)	7	6.25%	
Planning (AO10)	4	3.57%	
Other administrative (AO11)	7	6.25%	
Not displayed	47	41.96%	
Total(gross)	112		100.00%
<b>Summary for G3Q00001</b>			
<b>Which of the following items best describe your department.</b>			
Answer	Count	Gross percentage	
Urban planning and management (SQ01)	14	12.50%	
Environmental protection and management (SQ02)	4	3.57%	
Surveying and mapping (SQ03)	8	7.14%	
Land use planning and management (SQ04)	4	3.57%	
Water resources management (SQ05)	4	3.57%	
Space and astronomy (SQ06)	0	0.00%	
Other	4	3.57%	
Not displayed	86	76.79%	
Total(gross)	124		100.00%
<b>Summary for G3Q00002</b>			
<b>How do you rate the amount of public/citizen involvement in your work on the scale of [0, 5]?</b>			
Answer	Count	Gross percentage	Top 2, Middle, Bottom 2
1 (1)	0	0.00%	16.00%
2 (2)	4	3.57%	
3 (3)	3	2.68%	12.00%
4 (4)	13	11.61%	
5 (5)	5	4.46%	72.00%
Total(valid)	25		100.00%
No answer	87	77.68%	
Not displayed	0	0.00%	
Total(gross)	112		100.00%
<b>Descriptive statistics</b>			
Arithmetic mean		3.76	
Standard deviation		0.97	
<b>Summary for G3Q00003</b>			
<b>Please select your frequently collaborated sectors from below.</b>			
Answer	Count	Gross percentage	
National government (SQ01)	20	17.86%	
Sub national/local government (SQ02)	16	14.29%	
Civil society/NGO (SQ03)	12	10.71%	
Private sector (SQ04)	11	9.82%	
Academia/Universities (SQ05)	9	8.04%	
Research institution (non-university) (SQ06)	6	5.36%	
International organization (SQ07)	10	8.93%	
Other	1	0.89%	



## Results of Online Survey: <https://slummap.net/>

	Not displayed	86		76.79%
	Total(gross)	171		<b>100.00%</b>
<b>Summary for G5Q00002 [1]</b>				
<b>Please rank the importance of the following aspects in defining slums according to your knowledge.[Ranking 1]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	Socioeconomical (AO01)	40		35.71%
	Physical or morphological (AO02)	25		22.32%
	Environmental and ecological (AO03)	10		8.93%
	Legal (AO04)	26		23.21%
	Not displayed	11		9.82%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Summary for G5Q00002 [2]</b>				
<b>Please rank the importance of the following aspects in defining slums according to your knowledge.[Ranking 2]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	Socioeconomical (AO01)	35		31.25%
	Physical or morphological (AO02)	23		20.54%
	Environmental and ecological (AO03)	22		19.64%
	Legal (AO04)	17		15.18%
	Not displayed	15		13.39%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Summary for G5Q00002 [3]</b>				
<b>Please rank the importance of the following aspects in defining slums according to your knowledge.[Ranking 3]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	Socioeconomical (AO01)	15		13.39%
	Physical or morphological (AO02)	25		22.32%
	Environmental and ecological (AO03)	35		31.25%
	Legal (AO04)	17		15.18%
	Not displayed	20		17.86%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Summary for G5Q00002 [4]</b>				
<b>Please rank the importance of the following aspects in defining slums according to your knowledge.[Ranking 4]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	Socioeconomical (AO01)	6		5.36%
	Physical or morphological (AO02)	17		15.18%
	Environmental and ecological (AO03)	25		22.32%
	Legal (AO04)	28		25.00%
	Not displayed	36		32.14%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Summary for G5Q00003 [1]</b>				
<b>Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 1]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	District and neighborhood (0-5km) (AO01)	66		58.93%
	City (5-15km) (AO02)	16		14.29%
	Regional (across cities) (AO03)	8		7.14%
	National (AO04)	4		3.57%
	Continental (AO05)	2		1.79%
	Global (AO06)	6		5.36%
	Other administrative units (AO07)	1		0.89%
	Not displayed	9		8.04%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 2]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	District and neighborhood (0-5km) (AO01)	9		8.04%
	City (5-15km) (AO02)	52		46.43%
	Regional (across cities) (AO03)	18		16.07%
	National (AO04)	11		9.82%
	Continental (AO05)	4		3.57%
	Global (AO06)	3		2.68%
	Other administrative units (AO07)	2		1.79%
	Not displayed	13		11.61%
	Total(gross)	<b>112</b>		<b>100.00%</b>
<b>Summary for G5Q00003 [3]</b>				
<b>Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 3]</b>				
Answer		<b>Count</b>		<b>Gross percentage</b>
	District and neighborhood (0-5km) (AO01)	6		5.36%
	City (5-15km) (AO02)	9		8.04%
	Regional (across cities) (AO03)	34		30.36%
	National (AO04)	17		15.18%
	Continental (AO05)	3		2.68%
	Global (AO06)	8		7.14%
	Other administrative units (AO07)	3		2.68%



## Results of Online Survey: <https://slummap.net/>

Not displayed	32	28.57%	
Total(gross)	112		100.00%
<b>Summary for G5Q00003 [4]</b>			
Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 4]			
Answer	Count	Gross percentage	
District and neighborhood (0-5km) (AO01)	0	0.00%	
City (5-15km) (AO02)	0	0.00%	
Regional (across cities) (AO03)	0	0.00%	
National (AO04)	0	0.00%	
Continental (AO05)	0	0.00%	
Global (AO06)	0	0.00%	
Other administrative units (AO07)	0	0.00%	
Not displayed	112	100.00%	
Total(gross)	112	100.00%	
<b>Summary for G5Q00003 [5]</b>			
Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 5]			
Answer	Count	Gross percentage	
District and neighborhood (0-5km) (AO01)	0	0.00%	
City (5-15km) (AO02)	0	0.00%	
Regional (across cities) (AO03)	0	0.00%	
National (AO04)	0	0.00%	
Continental (AO05)	0	0.00%	
Global (AO06)	0	0.00%	
Other administrative units (AO07)	0	0.00%	
Not displayed	112	100.00%	
Total(gross)	112	100.00%	
<b>Summary for G5Q00003 [6]</b>			
Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 6]			
Answer	Count	Gross percentage	
District and neighborhood (0-5km) (AO01)	0	0.00%	
City (5-15km) (AO02)	0	0.00%	
Regional (across cities) (AO03)	0	0.00%	
National (AO04)	0	0.00%	
Continental (AO05)	0	0.00%	
Global (AO06)	0	0.00%	
Other administrative units (AO07)	0	0.00%	
Not displayed	112	100.00%	
Total(gross)	112	100.00%	
<b>Summary for G5Q00003 [7]</b>			
Please rank the scales of study that you would like to focus from the most (top) to least (bottom).[Ranking 7]			
Answer	Count	Gross percentage	
District and neighborhood (0-5km) (AO01)	0	0.00%	
City (5-15km) (AO02)	0	0.00%	
Regional (across cities) (AO03)	0	0.00%	
National (AO04)	0	0.00%	
Continental (AO05)	0	0.00%	
Global (AO06)	0	0.00%	
Other administrative units (AO07)	0	0.00%	
Not displayed	112	100.00%	
Total(gross)	112	100.00%	
<b>Summary for G5Q00004</b>			
Which of the following is most related to your work or research about slums?			
Answer	Count	Gross percentage	
Building footprint mapping and area estimation (SQ01)	52	46.43%	
3D reconstruction (SQ02)	8	7.14%	
Slum mapping and area estimation (without building footprint) (SQ03)	56	50.00%	
Population estimation (SQ04)	60	53.57%	
Slum modeling (development and mobility) (SQ05)	32	28.57%	
Population projection (SQ06)	26	23.21%	
Vulnerability and risk assessment (SQ07)	68	60.71%	
Other	10	8.93%	
Total(gross)	312	100.00%	
<b>Summary for G5Q00005</b>			
In your study area, do you think there is a large variation in either slum size or slum building size, or both?			
Answer	Count	Gross percentage	
Large variation in building size and type. (AO01)	12	10.71%	
Large variation in slum size and type. (AO02)	30	26.79%	
Large variation in both building and slum size and type. (AO03)	41	36.61%	
None of the above. (AO04)	9	8.04%	
No answer	20	17.86%	
Not displayed	0	0.00%	
Total(gross)	112	100.00%	



## Results of Online Survey: <https://slummap.net/>

Summary for G5Q00006 [m <sup>2</sup> ]				
Could you please estimate the average slum size in your study area? Please also specify the city name if available.				
Answer	Count	Gross percentage		
Answer	19	16.96%		
No answer	93	83.04%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G5Q00007				
Please estimate the slum population (%) in your study area. Please also specify the city name in the comments if available.				
Answer	Count	Gross percentage		
0 - 5% (AO01)	3	2.68%		
5 - 10% (AO02)	1	0.89%		
10 - 20% (AO03)	10	8.93%		
20 - 30% (AO04)	13	11.61%		
30 - 50% (AO05)	5	4.46%		
50 - 70% (AO06)	9	8.04%		
>70% (AO07)	4	3.57%		
Comments	20	17.86%		
No answer	67	59.82%		
Not displayed	0	0.00%		
Total(gross)	132			100.00%
Summary for G5Q00008				
Could you please indicate which of the following best resembles the typical building type of slums in your study area?				
Answer	Count	Gross percentage		
Type 1 (SQ01)	33	29.46%		
Type 2 (SQ02)	52	46.43%		
Type 3 (SQ03)	21	18.75%		
Type 4 (SQ04)	49	43.75%		
Type 5 (SQ05)	19	16.96%		
Total(gross)	174			100.00%
Summary for G5Q00009				
What is the typical roofing materials of slums in your study areas?				
Answer	Count	Gross percentage		
Plastic (SQ01)	25	22.32%		
Wood (SQ02)	19	16.96%		
Iron/tin (SQ03)	84	75.00%		
Asbestos cement (SQ04)	23	20.54%		
Other	13	11.61%		
Total(gross)	164			100.00%
Summary for G2Q00001				
Which of the following best describes your role?				
Answer	Count	Gross percentage		
Supervisor (SQ01)	21	18.75%		
Researcher (SQ02)	63	56.25%		
Lecturer (SQ03)	26	23.21%		
Technician (SQ04)	5	4.46%		
Student (SQ05)	14	12.50%		
Not displayed	36	32.14%		
Total(gross)	165			100.00%
Summary for G2Q00002				
In your project / research, how many people are working together as a team?				
Answer	Count	Gross percentage		
1-3 people (AO01)	20	17.86%		
4-6 people (AO02)	27	24.11%		
7-10 people (AO03)	7	6.25%		
10+ people (AO04)	18	16.07%		
No answer	40	35.71%		
Not displayed	0	0.00%		
Total(gross)	112			100.00%
Summary for G2Q00003				
Please select your frequently collaborated sectors from below.				
Answer	Count	Gross percentage		
National government (SQ01)	25	22.32%		
Sub national/local government (SQ02)	29	25.89%		
Civil society/NGO (SQ03)	31	27.68%		
Private sector (SQ04)	7	6.25%		
Academia/Universities (SQ05)	64	57.14%		
Research institution (non-university) (SQ06)	33	29.46%		
International organization (SQ07)	20	17.86%		
Other	2	1.79%		
Not displayed	36	32.14%		
Total(gross)	247			100.00%



Results of Online Survey: <https://slummap.net/>