

Imagery Stakeholder (Inventory) Survey Results

Q1. What is the name of the organization you work for?

Answer Options	Response Count
	36
answered question	36
skipped question	2

Q2. Organization Affiliation

Answer Options	Response Percent	Response Count
Federal	30.6%	11
State	19.4%	7
County	5.6%	2
Private	50.0%	18
Academic	2.8%	1
Military	2.8%	1
Other (please specify)	2.8%	1
	answered question	36
	skipped question	2

Q3. What is your position?

Answer Options	Response Count
	36
answered question	36
skipped question	2

Q4. Please provide the following contact information:

Answer Options	Response Percent	Response Count
First Name	100.0%	35
Last Name	97.1%	34
Address	88.6%	31
Address 2	40.0%	14
City	91.4%	32
State	91.4%	32
Zip/ Postal Code	91.4%	32
Phone Number	88.6%	31
Email Address	91.4%	32
	answered question	35
	skipped question	3

Q5. Do you use satellite or aerial imagery products of any type to perform your job?

Answer Options	Response Percent	Response Count
Yes	100.0%	36
No	0.0%	0
	answered question	36
	skipped question	2

Q6. What types of job functions do you use imagery for? (check all that apply)

Answer Options	Response Percent	Response Count
Digitization	72.2%	26
Natural Resource Mapping	63.9%	23
Cadastral Mapping	36.1%	13
Disaster Analysis	41.7%	15
Image Processing	41.7%	15
Environmental Monitoring	50.0%	18
Change Detection	50.0%	18
Planning	66.7%	24
Site Design	41.7%	15
Other (please specify)	22.2%	8
	answered question	36
	skipped question	2

Q7. What is your geographic area of interest for imagery? (check all that apply)

Answer Options	Response Percent	Response Count
All Islands	69.4%	25
Hawaii County	16.7%	6
Maui County	16.7%	6
County of Honolulu	22.2%	8
Kauai County	19.4%	7
Northwestern Hawaiian Islands	5.6%	2
Hawaiian Archipelago	11.1%	4
Other (please specify)	25.0%	9
	answered question	36
	skipped question	2

Q8. How often do you use the following types of imagery products?

Answer Options	Daily	Weekly	Monthly	Infrequently
1927 US Army Air Corps B&W AirPhotos	0	0	0	15
1965 USDA Aerial Photos	0	0	0	13
1977 USGS B&W Ortho Quads	0	0	1	11
1995 SPOT Satellite Imagery	0	0	0	13
Landsat Satellite Imagery	1	2	4	16

Emerge CIR Digital Air Photos	0	0	1	14
Ikonos 1 Meter PAN Imagery	2	1	5	10
Ikonos 1 Meter Pan Sharpened Color Imagery	4	3	8	7
Ikonos 4 Meter Multi-spectral Imagery	0	1	4	10
WorldView .5 Meter PAN Imagery	1	2	4	4
WorldView .5 Meter PAN Sharpened Color Imagery	1	2	3	4
WorldView 2 Meter Multi-Spectral Imagery	0	1	2	6
Digital Globe PAN Imagery	1	0	5	6
Digital Globe PAN Sharpened Color Imagery	3	0	8	5
Digital Globe Multi-Spectral imagery	1	4	3	6
Digital Globe Digital Ortho Quads	2	4	8	6
NGA (Earthdata) 2003 1 Meter Natural Color Airphotos	1	6	3	4
NGA 2007 1 Meter Natural Color Airphotos	2	5	6	3
NextMap ifSAR ORI B&W Imagery	0	1	3	5
Resource Mapping Hawaii CIR Digital Airphotos	0	1	4	6
NOAA/NOS Coastal Photography 2000	1	2	6	11
Pictometry	2	1	3	3
Virtual Earth (Bing Imagery)	2	7	8	4
Google Earth Imagery	6	11	6	5
Google Street View	2	12	5	8
Air Photos - Oblique	2	2	4	10
LiDAR	1	9	7	6
Project Oriented - Air photos (Small Area Coverage, Miscellaneous)	6	4	3	8
NASA Satellites (ASTER, AQUA.)	1	2	2	5
Comments				
			answered question	34
			skipped question	4

Q9. What do you use imagery for?

Answer Options	Background	Classification	Change Detection	Feature Extraction	Measurements	Reconnaissance	Planning	Other	Response Count
1927 US Army Air Corps B&W AirPhotos	2	1	6	1	1	0	2	2	9
1965 USDA Aerial Photos	0	1	5	1	0	0	1	2	7
1977 USGS B&W Ortho Quads	0	0	4	1	0	0	2	2	7
1995 SPOT Satellite Imagery	1	1	4	1	0	0	1	1	6
Landsat Satellite Imagery	9	3	6	1	0	0	3	0	14
Emerge CIR Digital Air Photos	1	0	3	2	0	0	2	0	6
Ikonos 1 Meter PAN Imagery	5	0	2	4	1	1	3	0	9
Ikonos 1 Meter Pan Sharpened Color Imagery	12	2	4	6	3	1	7	1	16
Ikonos 4 Meter Multi-spectral Imagery	3	2	1	2	0	0	3	1	8
WorldView .5 Meter PAN Imagery	3	1	2	3	2	2	3	1	6
WorldView .5 Meter PAN Sharpened Color Imagery	4	3	2	4	2	2	3	0	7
WorldView 2 Meter Multi-Spectral Imagery	1	2	1	3	0	1	2	0	5
Digital Globe PAN Imagery	3	1	2	3	2	2	3	1	6
Digital Globe PAN Sharpened Color Imagery	8	3	8	5	3	4	5	0	10
Digital Globe Multi-Spectral imagery	2	5	4	3	1	1	2	1	7
Digital Globe Digital Ortho Quads	7	2	5	4	2	3	5	0	9
NGA (Earthdata) 2003 1 Meter Natural Color Airphotos	7	2	5	3	4	3	7	1	10
NGA 2007 1 Meter Natural Color Airphotos	7	2	5	4	4	5	7	1	10
NextMap ifSAR ORI B&W Imagery	1	1	1	2	0	0	2	1	7

Resource Mapping Hawaii CIR Digital Airphotos	3	3	1	1	0	1	2	0	6
NOAA/NOS Coastal Photography 2000	4	1	4	1	2	2	7	0	9
Pictometry	2	2	1	1	3	3	2	2	6
Virtual Earth (Bing Imagery)	11	0	3	1	1	4	5	2	14
Google Earth Imagery	11	0	3	1	1	9	10	2	21
Google Street View	5	1	1	1	2	8	8	2	15
Air Photos - Oblique	0	0	2	0	0	1	2	1	5
LiDAR	8	4	4	7	10	4	10	3	17
Project Oriented - Air photos (Small Area Coverage, Miscellaneous)	8	3	4	5	4	6	11	2	12
NASA Satellites (ASTER, AQUA.)	2	0	1	1	1	0	2	1	4
Comments									5
							answered question		29
							skipped question		9

Q10. What type of imagery would best suit your needs?

Answer Options	Response Percent	Response Count
Natural Color	90.0%	27
CIR	10.0%	3
B&W	13.3%	4
Multispectral	30.0%	9
Hyperspectral	10.0%	3
Other (please specify)	3.3%	1
	answered question	30
	skipped question	8

Q11. What imagery would best meet your needs (pixel resolution)?

Answer Options	Response Percent	Response Count
6 in	46.7%	14
1 ft	23.3%	7
2 ft	3.3%	1
1 m	6.7%	2
2 m	3.3%	1
3 m	3.3%	1
Other (please specify)	13.3%	4
	answered question	30
	skipped question	8

Q12. What are the positional accuracy requirements for your imagery (i.e., how close does that pixel need to be to its actual location on Earth)?

Answer Options	Response Percent	Response Count
Sub foot	22.6%	7
Sub meter	58.1%	18

1 to 5 meters	25.8%	8
5 to 10 meters	3.2%	1
Other (please specify)	9.7%	3
	answered question	31
	skipped question	7

Q13. What are the spectral resolution requirements for your imagery (i.e., number of bands)?

Answer Options	Response Percent	Response Count
Panchromatic (i.e., black and white)	19.4%	6
Digital color (i.e., 3-bands)	77.4%	24
Color infra-red film	12.9%	4
Digital color with near infra-red (i.e., 4 band) Panchromatic-color merge	45.2%	14
Hyper-spectral (i.e., 7 bands or more)	22.6%	7
Other (please specify)	9.7%	3
	answered question	31
	skipped question	7

Q14. How do you receive imagery? (check all that apply)

Answer Options	Response Percent	Response Count
Web Mapping Services or other web based streaming image delivery services	50.0%	15
Download from online data portals	50.0%	15
Portable storage device transfer	76.7%	23
Other (please specify)	20.0%	6
	answered question	30
	skipped question	8

Q15. How often do you need imagery to be acquired?

Answer Options	Response Percent	Response Count
Every 6 months	13.8%	4
Every year	31.0%	9
Every 2 years	13.8%	4
Every 3 years	20.7%	6
Other (please specify)	31.0%	9
	answered question	29
	skipped question	9

Q16. How much does your organization spend for imagery annually?

Answer Options	Response Percent	Response Count
0-25K	69.6%	16
25-50K	4.3%	1

50-100K	0.0%	0
100-200K	0.0%	0
200K or greater	26.1%	6
Comments		7
	answered question	23
	skipped question	15

Q17. Does your organization participate in a collaborative effort to purchase imagery, such as the Hawaii IKONOS Consortium"?"

Answer Options	Response Percent	Response Count
Yes	38.5%	10
No	61.5%	16
Comments		13
	answered question	26
	skipped question	12

Q18. How often do you receive requests for imagery that is licensed?

Answer Options	Response Percent	Response Count
Never	14.8%	4
Seldom (<5 request/yr)	40.7%	11
Sometimes (5-10 requests/yr)	18.5%	5
Often (>10 requests/yr).	25.9%	7
Other (please specify)	0.0%	0
	answered question	27
	skipped question	11

Q19. Is your organization collecting & using oblique air-photos?

Answer Options	Response Percent	Response Count
Yes	28.6%	8
No	71.4%	20
	answered question	28
	skipped question	10

Q20. What datum is standard for imagery at your organization?

Answer Options	Response Percent	Response Count
Old Hawaiian	0.0%	0
NAD83(original)	43.3%	13
NAD83 (HARN)	40.0%	12
WGS84	53.3%	16

Other (please specify)	10.0%	3
	answered question	30
	skipped question	8

Q21. What projection is standard for imagery at your organization?

Answer Options	Response Percent	Response Count
UTM Zone 4	60.0%	18
UTM Zone 5	30.0%	9
State Plane Feet	33.3%	10
State Plane Meters	20.0%	6
Geographic	23.3%	7
Other (please specify)	23.3%	7
	answered question	30
	skipped question	8

Q22. Do you reproject older imagery to match newer datums?

Answer Options	Response Percent	Response Count
Yes	60.0%	18
No	30.0%	9
Don't know	10.0%	3
	answered question	30
	skipped question	8

Q23. Do you have metadata for the imagery at your organization?

Answer Options	Response Percent	Response Count
Yes - complete	27.6%	8
Yes - partial	69.0%	20
No	3.4%	1
Don't	0.0%	0
	answered question	29
	skipped question	9

Q24. What software does your organization use for image processing? (check all that apply)

Answer Options	Response Percent	Response Count
ERDAS	27.6%	8
ENVI	17.2%	5
PCI-geomatics	3.4%	1
ECognition	10.3%	3
ERmapper	10.3%	3
ESRI	75.9%	22

None (don't do image processing)	17.2%	5
Other (please specify)	20.7%	6
	answered question	29
	skipped question	9

Q25. Does your organization have a scanner?

Answer Options	Response Percent	Response Count
No	10.7%	3
Yes - 8.5 X 11	28.6%	8
Yes - 11 X 17	35.7%	10
Yes - Larger	42.9%	12
	answered question	28
	skipped question	10

Q26. Is your organization performing systematic scanning and indexing of imagery or maps?

Answer Options	Response Percent	Response Count
Yes	28.6%	8
No	71.4%	20
Don't know	0.0%	0
	answered question	28
	skipped question	10

Q27. Does your organization make these scanned files available to outside users/organizations?

Answer Options	Response Percent	Response Count
No	62.5%	15
Yes, freely available	16.7%	4
Yes, for a fee	4.2%	1
Other (please specify)	25.0%	6
	answered question	24
	skipped question	14