

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Allison Gaylord	Owner / GIS Specialist	Nuna Technologies	PO Box 1483 Homer, AK 99603	nunatech@usa.net	907.399.1120						
Dorothy Mortinson	Data Manager	NPS, Southwest AK Network	240 W 5th Ave Anchorage, AK 350 E. Dahlia Avenue, Palmer 99645	dorothy_mortinson@nps.gov	907.644.3684						
Erick Johnson	GIS Technician - Data Analyst	Matanuska - Susitna Borough	4300 B. Street Suite 600 Anc. AK 99502	ejohnson@matsugov.us	907.745.9656						
Jeremy Miner	Geologist	Jacobs Engineering	4300 B. Street Suite 600 Anc. AK 99502	jeremy.miner@jacobs.com	907.751.3418						
Laurie J Jones	GIS Specialist	BLM - Glennallen Field Office	PO Box 147 Box 80410 2842 Goldstream Rd.	l05jones@blm.gov	907.822.3217						
Matt Macander	Senior Scientist	ABR Inc.	P.O. Box 35005 Ft. Wainwright, Alaska	mmacander@abrinco.com	907.455.677x112						
Sean Triplett	GIS	Alaska Fire Service		striplet@blm.gov	907-356-5587						

<i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i>		<i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i>				<i>If you have control that could be utilized by SDMI, please describe it.</i>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
proprietary	available to NSF funded researchers								
copyrighted + public domain									
public domain primarily									
		We have existing control that could be used				I operate a GPS base station			
Strict - free									
					Doesn't apply to me	BLM Survey Branch should have some data.			

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important orthorectification. Would you access control r		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
					some statewide					
		Other	higher quality							
		Other	more data, more accurate data							
		Other	Make data more accurate and current							
						Yes	Digital Basemap based off an accurate DEM			NO

points (survey, photo location points/image becoming increasingly important for georegistering and verification of imagery. Do you prefer being able to control via a statewide repository of some kind?	Preferred imagery formats and delivery methods: which of the following methods do you prefer?	How frequently would you use the following data types if they were publicly available and accurate?	Would you be willing to share your knowledge of basemap data sources?		Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.		Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?		Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.	What areas should SDMI focus acquisition of digital imagery and/or elevation on?
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	2002 Quickbird for Barrow, 2002 IKONOS				
					YES	2004 1m ortho - also available from USDA and GINA				
					YES	aerial imagery 2004 - newer availability unknown	Save money by not having to purchase the data myself	consistency	remote areas underserved	
	variety for different applications									
For certain applications this would do, but analysis would need to be done with the data local.										

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Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
					You should consider some studies to determine frequencies. there are several models out there that can be used to estimate the frequency needed to detect change. Ideally we would have annual data, do these models, then determine the frequency which may vary across the state.				
		should be made available as frequently as acquired	geomorphic processes affecting sites	a hybrid between bare minimum and details about data development	want to be sure that these aren't just web accessible but also downloadable with full resolution				
	depends				we purchased \$250k worth of high resolution Quickbird imagery, but the contractor has been forced to back out of much of the deal because the existing DEMS were too inaccurate to adequately georeference & orthorectify the imagery. So we've wasted 6 years and loads of taxpayer funds to get	Greg Barrett			
					I think it is very important to have an accurate DEM, otherwise any imagery would be inaccurate due to it's poor orthorectification. Many of our models depend on DEM data and the current DEM is impacting our work.				

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Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Rod March	Hydrologist	USGS	3400 Shell Street	rsmarch@usgs.gov	907-479-5645 x241						
Steve Joslin	Delta Resource Forester	DNR, Division of Forestry	PO Box 1149, Delta Jct., AK 99737	Steve.joslin@alaska.gov	907-895-4225			NO	I need more spot 5 and quickbird maps		
Tom Kurkowski	GIS Specialist	AK DNR DOF Fairbanks	3700 Airport Way Fairbanks AK 99709	tom.kurkowski@alaska.gov	9074586877			YES	The imagery is what most of our end users keep asking for		
Jeanne Frazier	Natural Resource Technician II	SOA DOG	550 W 7th Ave Ste 800	jeanne.frazier@alaska.gov	907-375-8217						
Frances Biles	Geographer	USDA Forest Service, PNW Research Station	2770 Sherwood Lane, Suite 2A, Juneau, AK 99801	fbiles@fs.fed.us	907-586-8811	My own views	My own views as an employee working in a larger organization.				
Dana Seagars	Wildlife Biologist	NOAA, NMFS, Protected Resources Division	222 w 7th ave	anch	907-271-5005						

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public domain		We have existing control that could be used				Have limited control around half dozen glaciers, mostly pre-GPS.			about half a dozen pts each near about half dozen glaciers
	Does not apply to me				Doesn't apply to me	I'm not sure what this means.			
					Doesn't apply to me	In SE Alaska, I believe the Forest Service Regional Office is working with people at the FS Remote Sensing Applications Center to strengthen the geodetic control network in this area.			
	x								

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Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Make the data more available	We need additional imagery of areas that don't have it.			No	I need spot 5 or quickbird individual maps	We have aerial photos and would like to have more spot 5 and quickbird images		
	Not sure					Yes	most likely	oil companies'		
		Other	All of the above, and always have detailed metadata available. (I'm assuming this question is referring only to EXISTING imagery and elevation data)		We don't do much work in B.C., but the coastal temperate rainforest environment in B.C. and southeast AK watershed areas that extend/originate in B.C. are areas of interest to us in order to conduct more complete analyses.	Yes	I'm assuming you're referring to orthophotography? I say yes, assuming there is a better control network available for southeast AK (better than when the 1996 orthos were constructed for the area by the Forest Service); the basemap is in color, and the resolution is 5m or less.		mostly cost, but a little bit of many of the other obstacles listed can also be an issue.	YES
		Other	both above. acquire and distribute bathymetry & mudflat data for Cook Inlet!	Assessing relationships between topography, hydrography and wildlife distributions and habitat						

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Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
										Focus should be areas that are changing most rapidly.
		I prefer to have data stored on my state computer or at least within the office. For personal private use I would only use the data about once every 6 months if available to the public.			NO	The information is already shared.			First priority should be more spot 5 and quickbird images	
					YES	SPOTS, Quickbird, Airphotos....SDMI already has access to these				
	maybe sharepoint?									they all apply for various reasons - depending on what features you need or don't need to map to produce the result you're looking for
Not sure exactly what this means...but it sounds cool.	I have no preference, as long as I can get the imagery to work with locally.				NO	The answer is actually MAYBE. I am unsure of copyright & license restrictions for anything that may be available in our local office. I would guess the Forest Service as an agency likely has data it could contribute?			I strongly agree that (for southeast Alaska) current DEM data sources are lacking in quality (resolution and accuracy!).	

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glaciers									
	The existing USGS maps are generally adequate for my use. I don't want to waste money on getting DEM data at this point.								
					we've been talking about this for years...most users want both products, but imagery is what is going to drive major development of resources, get people hooked on using it, and allow additional support for getting a DEM.			Finalize the contract with SPOT, we've been planning this for years. Don't let one user group prevent this from happening.	
pipeline access roads, oil facilities		At least annually, but quarterly if possible.							
		I would choose every 5 to 10 years, but the frequency should actually be variable. Areas with rapid change, refresh every 5 yrs. Relatively static areas (such as wilderness areas), every 10 years.	all of the above!						
			we work in tidal zones where mud flats and channels are subject to annual changes. this change may affect aquatic animal distributions.						

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Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Steve Colligan	President	E-Terra, LLC	800 E Dimond, Suite 3-650, Anchorage, AK 99515	scolligan@e-terra.com	(907)562-1500						
George Plumley	Planner	SOA - Commerce	550 W 7th Ave., Anchorage, AK 99501	george.plumley@alaska.gov	907-269-4546						
Joe Calderwood	Geospatial Group Leader	USDA Forest Service	709 9th Street, Juneau, AK 99801	jcalderwood@fs.fed.us	907-586-7966			YES	digital imagery and elevation data are important components of our day-to-day business activity. Current data in Alaska is terrible and is far inferior to that available in the lower 48 states.		
Stephanie Kobylarz	GIS Specialist	Kenai Watershed Forum	44539 Sterling Hwy, Ste 202	stephanie@kenaiwatershed.org	907-260-5433						
John Koltun	Director GIS Services	Geographic Resource Solutions	700 W. 41st Ave, Suite 200, Anchorage, AK 99503	koltunj@grsalaska.com	907.563.9511						
Greg Barrett	Statewide GIS Coordinator	BLM	222 W. 7th Ave., #13, Anchorage, AK 99513	gbarrett@blm.gov	907 271-3360						
Doug Sanvik	Natural Resource Specialist	Division of Mining, Land and Water, DNR	PO Box 111020 Juneau, AK 99811-1020	doug.sanvik@alaska.gov	(907) 465-3513			YES	When ever possible, I use google earth imagery to determine what certain lessee's have actually put on their leasehold.	I use already processed data or product, and derive another value added product from it	I do contract administration for the Division of Mining, Land and Water
Ken Winterberger	Forester	USDA Forest Service	3301 C Street, Suite 200	kwinterberger@fs.fed.us	907 743 9419						

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Multi - Agency									
public domain							Yes	Yes	Yes
Public Domain									
USDA - not clear...									

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Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Other	Consistency of Statewide Product that MEets Standards	Client Project Driven			Privcate Satellite data acquisition			
Yes		Make the data more available	Lack of digital imagery availability and the poor quality of existing imagery and DEMs are significant problems.		Southcentral	Yes	As a federal agency the Forest Service desires to make all data available in the public domain. Accurate, cyclic coverage is necessary. GIS and mapping are major functions of our organization, and provide essential services to many facets of our agencies mission.	Work-arounds, site visits.	Alaska's weather and latitude	
		Other	more comprehensive data set							
		Other	Improving the data quality							
		Make the data more available	digital imagery of many remote places in Southeast Alaska is not good enough to determine what has actually been constructed on any particular site.	I need to know if clients are remaining within the confines of their authorized area on State land and whether certain developments are in trespass or not.						
					forested regions					

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					YES	Through client Projects, Vendor Relationships				
	Large data sets sometimes require delivery on hard drives				YES	Most of our data is already shared with Alaska Mapper.				We need state-wide coverage in Alaska. Resoluton may vary to meet needs of various users. My agency generally needs 1 meter resolution digital orthorectified imagery. 10 meter DEMs would be desiraeable.
					YES	See Seward LiDAR information above				
					YES	See repsonse from Garth Olson				
										Current imagery of most remote sites is not sharp enough to be of much use in land management decisions.
	ECW									

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					I've been using your WMS for small scale imagery and look forward to accessing more data this way. It's great to have this data incorporated into our local GIS as a general basemap.				
					An accurate DEM should be the highest priority. With an accurate DEM, accurate ortho-imagery can be produced.				
I would welcome the ability to identify trespass cases on State land including State tidelands.									

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Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
robin carlson	cartographer II	AK department of natural resources	550 west 7th avenue, suite 640, anchorage AK 99501	robin.carlson@alaska.gov	907-269-8606	My own views	my views are based on what I feel I need to create data products for organization	YES	not often; I generally use simple line and polygon data		
Sandra Zimmerman	Cartographer	Sate of Alaska		sandrapiercezimmerman@msn.com	99						
Marko Radonich	Senior Program Manager	CH2M HILL	301 W. Northern Lights Blvd., Anchorage, 99503	marko.radonich@ch2m.com	907-646-0332					All of the above	All of the above used by GIS staff on projects
Ted Cox	GIS Coordinator	USDA/NRCS	800 W. Evergreen Ave., Palmer, Ak. 99645	ted.cox@ak.usda.gov	907-761-7764						
Bruce Simonson	GIS Manager	City / Borough of Juneau	155 S Seward St	bruce_simonson@ci.juneau.ak.us	907.586.0754	The views of my organization	The CBJ has a GIS steering committee, which I chair. The comments in this survey reflect the opinions of a cross-section of CBJ departments, including Community Development, Tax Assessment, Engineering, Public Works, Emergency Services, Habitat, Parks and Recreation, and other ad hoc committees with the CBJ. We also provide data to various state and federal agencies, as well as academic and non-profit groups.	YES	We have aerial photography from 2006 (under license), and a somewhat flawed LIDAR dataset, that incompletely covers our urban and developable areas.	All of the above	Aerial photography and elevation data are most often used for basemap and presentation graphics, but have been used extensively in all of the above categories. These data are especially important for engineering, permitting, and planning functions at the CBJ.
Bill Sharp	Global BD Manager	Fugro EarthData, Inc.	7320 Executive Way	bsharp@earthdata.com	240-215-7996						
gordon worum	cartarapher	state of alaska	3700 airport way	gordon.worum@alaska.gov	907-451-2671						

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					Doesn't apply to me	Survey support/results acquired as needed for projects			
Various Civil, Unrestricted, to Public Domain					Doesn't apply to me	USDA - Aerial Photography Field Office has a system in place for organizing control chips.			
some licensing restrictions apply		We have existing control that could be used		We have a control program that could benefit by partnership		WAAS station at the CBJ airport. We have used CORS station GUS2.	some, but most targets are ephemeral (placed for particular projects)	possibly can get some, but not currently flagged in our dbms	some, but targets are not visible in aerial imagery
Open	Future acquisition								
							photo		

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					DNR also manages land in Southeast and Northern regions	Yes	we probably have one...			
	Contact sharon.rudolph@ch2m.com	Make the data more available	Contact sharon.rudolph@ch2m.com	Full range of Environmental and Engineering Consulting	Canada, Russia, Greenland, arctic etc.			Aerial photography as projects require	Availability	
		Other	Provide Compressed mosaic download capability.							
available from AD-DOT		Other	periodic updates of imagery and topo; please FIX google earth data -- I have suggestions on this	the better quality of the data, the more likely it will be used.		Yes	possibly ... depends on resolution and accuracy		running a well-controlled project. we occasionally free up funds for data acquisition, but need help on purchasing and 3rd party QA/QC	YES
	Will place it with local Alaska partners							NED		YES
		Other	regular updates of high resolution imagery							

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		Coastal data i.e. mean and high tide lines			NO	sharon.rudolph@ch2m.com				
					YES	Most has already been provided to the SDMI	Save money by increasing efficiency	Provide access to most current imagery acquired by non-agency sources through Web Map Services		
would be nice, but not a priority, unless surveyors are required to participate	we use ermapper at present; haven't had much luck with web mapping services	seems about right; perhaps a well implemented topo set would be used daily (probably would)	Yes	anytime.	YES	a little complicated to list it all. some dated aerial photography is available (2002), which is heavily shadowed. More recent photography is licensed. LIDAR topography is somewhat flawed in some areas; depends on user applications.	Save money by increasing efficiency	partnering would be helpful, but availability state-wide is not so important to us, as it might be to other users.		seems like where people are will provide the best bang for the buck. we are also interested in developable areas, or areas slated for development, which is often "just beyond the last dead-end road"
If downloadable as points and images for use	Full res for download in compressed, non-lossy packaging				NO	Not yet, but will				
			Yes	have						

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
	2 foot for flood zone determinations; 4-10 foot probably adequate elsewhere; steep terrain, 20 foot.	no more than five years seems reasonable. elevation data, probably less frequently, except for rapidly changing areas (e.g., isostatic rebound).	change monitoring, primarily, and probably refinement of data, secondarily	seems like topo especially needs specification of accuracies; and photography also needs a horizontal accuracy; beyond that, contact vintage source are important	Thanks fo doing the survey. Let us know if we can be part of a partnership for new/additional topography in Juneau, and possibly aerial photography. We can also use some technical assistance/brain-storming on less expensive techniques; e.g., leveraging aerial digital photos and integration with google earth and/or visual earth. Perhaps one simple thing is to provide a mechanism for updating what is on google earth -- both road centerlines and imagery.				
Listed what GeoSAR can see, though we use Lidar and Optical as well					Overly detailed data will be too costly to acquire over large areas, and needs to be limited to high priority urbanized areas.			Mix of sensors and data types	
					I could pretty much change every answer depending on what type of image project I was working on.				

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Thomas W. Knox	Municipal Surveyor	Municipality Of Anchorage	4700 Elmore Road	KnoxTW@muni.org	343-8116			YES	We count on mapping images for a number of information resources for planning, design, development, parcel mapping, topographic details, historical uses, drainage patterns		
Leanne Lestak	GIS Specialist	University of Colorado - INSTAAR	UCB 450	Leanne.Lestak@colorado.edu	303-492-5802						
Carl Markon	Senior Geographer	USGS Alaska Science Center	4230 University Dr, Anchorage, Ak 99508	markon@usgs.gov	907 786 7023			YES	As with all questions, I am answering for staff and operations, but not me personally		
Chris Miller	Environmental Program Specialist	DEC Drinking Water Protection	555 Cordova Street	chris.miller@alaska.gov	907-269-7549			YES	Delineation of Drinking Water Protection Areas, Well/Intake location verification		
Nick Delmedico	Mitigation GIS	FEMA Region X	130 228th St SE	nicholas.delmedico@dhs.gov	425.487.4626					I use already processed data or product, and derive another value added product from it	DEMs for HAZUS support and dFIRM production
Thomas Duncan	GIS Coordinator	Fairbanks North Star Borough	809 Pioneer Road PO Box 244214, Anchorage, Alaska, 99524	tomduncan@co.fairbanks.ak.us	(907) 459-1473						
Steven Callaghan	Landscape Architect	Steven Callaghan	101 12th Ave., Rm. 262, Fairbanks, AK 99701	jersey@alaska.net	907-529-2446						
Lisa Saperstein	Wildlife Biologist	USFWS		lisa_saperstein@fws.gov	9074560508						
Lynn Noel	Senior Project Scientist	ENTRIX, Inc.	1600 a Street, Suite 304	lnoel@entrix.com	907-563-0438						

<i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i>		<i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i>				<i>If you have control that could be utilized by SDMI, please describe it.</i>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	X						The Municipality buys ground control for photo work every two years	same as above answer	
		We have existing control that could be used				Barrow area	For Barrow		
	USGS assists partners in the acquisition of these data and provide to those partners, including the SDMI repository								
	I only have dFIRM data								
Public domain									
Public/Unrestricted							30	30	30
	Does not Apply								

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control (identifications) are important or there would be access to control points
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
We collect numerous points, information and location each time we perform a design survey with GPS		Provide tools and knowledge on how to use digital imagery or elevation data	Most everyday users in the design and development area need to be able to transfer the data into an AutoCad drawing file environment to fully utilize the data							YES
					Southwest and North Slope				Good geocontrolled data is hard to come by or non-existent	
		Other	all of the above							
								Google Earth used to be utilized but we've been asked to remove it from all computers.		
				HAZUS						
		Make the data more available	Digital Elevation data at required resolutions seriously lacking.							

<i>points (survey, photo location points/image becoming increasingly important for georegistering and certification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
The control needs to be adequately dense in local areas to be able to reap benefits for local government					YES	The Municipality has an extensive vertical control network to determine elevation based on NGS First Oder Contol Monuments				
					YES	Already distributed by ADCC, NPS and BASC - too many datasets to list here				
					YES	Varies	All of the above	I would assume that "All of the above" answers the question adequately		
		Parcel coverages from local government agencies that are referenced properly (i.e. not shift). This is one of the biggest reasons other do not trust our data. If the parcel's and roads are shifted...everything else is bogus and users do not look beyond. Huge barrier that needs to be rectified.			YES	Torsten Ernst is our main GIS go to guy for enterprise data. I'm pretty sure we don't have anything more than other State agencies.				We are really lacking good base data in village/remote areas. Again...a statewide land parcel ownership coverag is needed the most by our program.
	All of these options have their applications.				YES	We have some DEM's derived from local sources, and the imagery already described.				
					YES	SPOT, 2004 - 2007, standard non-exclusive license				
		Need consistent landcover-vegetation map for state								

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
					no				
				FGDC standard metadata or ISO standards					
	Actually, all of the above depending on the project		All of the above						
Potential Sources of Contamination, Drinking Water Protection Areas (planning tool..so accuracy is somewhat less important) and well/intake locations. We depend on accurate parcel base information to help identify locations.					We really need to have good reliable parcel data for the State. It doesn't have to be the most up to date, but it does need to be somewhat accurate. Current parcel information has severe shifts that immediately throughs up speculation as to how good the other data is.				
		depends	river migration and changes to the flood plain						
		Depends on area; annually if rapidly changing, 3 years if more stable environment							

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Jeff Schively	Professional Wetland Scientist	HDR Alaska, Inc.	2525 C St., Suite 305	jeff.schively@hdrinc.com	907.644.2016						
Bill Cole	Geologist II	DNR, DMLW	550 W. 7th Ave. Suite 900 B, Anchorage	william.cole@alaska.gov	907-269-8648						
Wyn Menefee	Chief of Operations	Alaska DNR Division of Mining, Land and Water	550 W. 7th Ave Suite 1070	wyn.menefee@alaska.gov	907-269-8501	The views of my organization	On most questions I will try to represent my view of how the organization will need to use the info or data.			All of the above	Speaking for many that use - not just myself
Jason Walsh	Project Planner	SOA DNR	550 West 7th Ave. Suite 640	jason.walsh@alaska.gov	269-8544						
Garth Olson	Deputy State Director for Geographic Sciences	Bureau of Land Management	222 West 7th Avenue, Anchorage, AK 99513	g2olson@blm.gov	907.271.5545						
Rick Jandreau	Resource Forester	Alaska Division of Forestry	101 Airport Road, Palmer, AK	richard.jandreau@alaska.gov	907-761-6264						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	DNR has a lot of imagery available - LRIS the contact			We have a control program that could benefit by partnership		Our survey team may be able to assist in some projects			
Various							Available	Available	Available
	All imagery is multi agency licensed and should be accessible to you.								

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important or there would y access control r
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Make the data more available	A centralized database housing links, data, etc. is important. Currently, it can be difficult to track down (consistent) data from many different locations - a central "hub" linking out to the many datasets would be extremely beneficial.							
										YES
	Contact our LRIS or Survey Unit	Make the data more available	Need higher resolution. We only have coverage in certain areas of the state and it is too low resolution for much of the work we could use it for.	DNR can save substantial amount of money in being able to answer site specific questions by avoiding a field inspection if we have high resolution imagery and DEM.				We could use Google Earth except for the licensing issue		
		Make the data more available	New Digital Elevation Models should be the greatest priority						Competition between partnering agencies	
		Other	Need more imagery coverage							

<i>points (survey, photo location points/image becoming increasingly t for georegistering and tification of imagery. ou prefer being able to ontrol via a statewide pository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
If it is simple and convenient			Maybe	I have very little knowledge of basemap data sources					I really do not have good answers to the above questions.	
			Yes	LRIS can share						We have the most interest where there are more man made developments, near the roads or towns, but use this imagery in many remote applications.
	Prefer redundant routes to access critical data									
					NO	The data we use was aquired thru a joint effort between DOF, NRCS, and the Mat-Su boro. You should have access to it.				

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
	We could very much benefit from evaluating the elevation changes in rivers, slopes on land for development projects. So the elevation would generally need to be much more specific for a construction project versus the elevation contours on a river.								
					BLM believes that the Digital Elevation Model (DEM) collection should be made the highest priority in this initiative. Positional accuracy for these products should follow published National Standards for Spatial Data Accuracy. We strongly feel that an accurate DEM will provide the basis on which accurate ortho-imagery can be developed.	You may want to include information from companies such as Conoco-Phillips, CH2M-Hill, Alyeska Pipeline, and Native Corporations			

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Ginny Litchfield	Habitat Biologist III	Alaska Dept. of Natural Resources OHMP	514 Funny River Road	ginny.litchfield@alaska.gov	907-260-4890						
Diane Sam	Natural Resource Specialist	DNR	3700 Airport Way	diane.sam@alaska.gov	907-451-2710	My own views	email distributed by Director DMLW to staff				
Tyler Grosshuesch	Cartographer	SOA - DNR - Division of Oil & Gas	500 West 7th Avenue Suite 800, Anchorage, AK 99501	tyler.grosshuesch@alaska.gov	907-269-8770					All of the above	All of above, EXCEPT processing raw data to higher level products
Melissa Head	Natural Resource Specialist II	DNR- DMLW	3700 Airport Way, Fairbanks, AK 99709	melissa.head@alaska.gov	907-451-2719						
John Easton	Natural Resource Specialist	SOA DNR	550 West 7th Ave Suite 800	john.easton@alaska.gov	907-269-8815						
Kathy Means	NRM II	DOM	550 W. 7th Ave Anchorage	kathy.means@alaska.gov	907-269-8757						
Dianna Leinberger	Natural Resource Specialist	Department of Natural Resources	3700 Airport Way, Fairbanks, AK 99709	dianna.leinberger@alaska.gov	907-451-3014						
cliff larson	/////	state of Ak	550 w 7th	cill.larson@state.ak.us	/////;						
Tricia Saulnier Littlejohn	Natural Resource Manager	AK DNR	550 W. 7th Avenue, Suite 640, Anchorage	tricia.saulnier-littlejohn@alaska.gov	907-269-8691						
Rick Pinson	AP II	DNR / DMLW / IT	550 W 7th Ave Ste 1070, Anchorage, AK 99501-3579	rick.pinson@alaska.gov	269-8540						
Ed Collazzi	SE Region Manager	ADNR/Mining, Land and Water	400 Willoughby Ave. Juneau 99801	ed.collazzi@alaska.gov	907-465-3402	The views of my organization	SE region office generally				

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
							Unalakleet shoreline		
				We have a control program that could benefit by partnership		CORS base station's are good for control			

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control identifi chips) are important or there would y access control r
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Provide tools and knowledge on how to use digital imagery or elevation data	rural coverage needed .. most organized boroughs gave good data but coverage in unorganized borough is poor					also use data from borough GIS websites; TCC website		
					South Central and Southwest					
		Make the data more available	Esp. easier to access and use elevation data; more detailed DEMs, hillshade							
	SDMI could get DOT GPS Centerline control and warehouse this data	Other	Better imagery for the north slope							
				Agency rview of other's proposals						YES
					I also work in the Northwest and North Slope regions.				Some of the data is poor quality	
									keep moving stuff	

<i>points (survey, photo location points/image becoming increasingly important for georegistering and verification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
									I use Kenai Peninsula Borough GIS layers	
	not sure of "preference" but I have used Mr. Sid, locally stored and Internet (if FNSB GIS qualifies as Internet mapping service). NRSC soil mapping service is extremely confusing however and I don't like this one.		Maybe	doubt my poor level of knowledge is worth sharing :)	NO	not sure	Allow us to better utilize our GIS and/or other mapping tools	having statewide repository would also allow more efficient decision making regarding proposed permits and easements	rural coverage extremely poor	
I don't know			Maybe	I don't know	NO	I don't know				
			Yes	I know have much to provide, but am willing.						

<p><i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i></p>	<p><i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i></p>	<p><i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i></p>	<p><i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i></p>	<p><i>What level of metadata would you like to see associated with SDMI basemap data?</i></p>	<p><i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i></p>	<p><i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i></p>	<p><i>Any additional information regarding the survey would be helpful to us.</i></p>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
		every five years okay especially since some areas of the state don't have recent photography at all	don't know						
		Annually would be ideal, but perhaps not realistic.							

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
William Manley	Research Scientist	Univ. of Colorado at Boulder	INSTAAR, Boulder CO 80309-0450	william.manley@colorado.edu	303-735-1300						
Michele Gorham	GIS Analyst/Programmer	ADNR, Div. of Mining, Land & Water	550 W 7th Ave, Suite 650, Anchorage, AK 99501	michele.gorham@alaska.gov	907-269-8605						
Christopher C. Noyles	Civil Application Committee-Alaska Liaison	BLM	222 W 7th Ave #13	cnoyles@blm.gov	(907) 271-5693						
Roger E Burnside	Insect & Disease Forester	State of Alaska Dept of Nat.Res., Div. of Forestry	550 W 7th Ave., Suite 1450, Anchorage, AK 99501	roger.burnside@alaska.gov	907-269-8460						
Emil Tucker	Hydrologist	USDA Forest Service	123 Scow Bay Loop Rd., Petersburg, AK 99833	etucker@fs.fed.us	(907)772-5874	My own views	This question should be last - I haven't seen the questions yet.				
Dave Wolfe	MS Student and Consultant	Alaska Pacific University	2218 Alder Drive Anch AK 99508	timberwolf@alaskapacific.edu	907 277 4847						
Gerald R Minick	GIS Specialist	BLM	6881 Elmore Road, Anchorage, Alaska, 99507	gminick@blm.gov	907-267-1229						
Robert Beachler	GeoBase Administrator	611 Civil Engineer Squadron	6260 Arctic Warrior Dr., Elmendorf AFB, AK 99506	robert.beachler.ctr@elmendorf.af.mil	907-552-1722						

<i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i>		<i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i>				<i>If you have control that could be utilized by SDMI, please describe it.</i>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
almost always with public use license	I could provide metadata and details on each data release.	We have existing control that could be used				Mainly at Barrow, but some of the high res. orthoimagery we've released could be used. (e.g. 2003 coastal atlas from Wales to Kivalina has horiz. errors better than 1.2 m).	http://instaar.colorado.edu/OGISL/barrow_gcp/		
							YES	YES	YES
	X								
									Mostly boundary points.
									I'm with BLM

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control identifi chips) are important orthorectification. Would you access control r		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Make the data more available	Kudos to you all. What is most important is that there is a clearinghouse or portal for high res. products in Alaska, such as SDMI, to avoid redundant effort and to make data sharing more effective.		also North Slope and Southwest	Yes	Our analysis of environmental change, often related to climate change, requires the availability of high-resolution base imagery and terrain models. Data such as this should be generated through coordination, and broadly shared for a broad range of analytical uses.	Typically we are forced to acquire new imagery, and to orthorectify historic photography. Only 1-m or better datasets are adequate.		YES
								other available imagery products (geotiff format)		
For all FS roads - quality varies		Other	10m DEM statewide			Yes	10 meter resolution or better.	we have digital imagery and elevation data.		
		Other	Higher resolution and more recent reference, at least since 1964 earthquake		Interior, Southeast					

<i>points (survey, photogrammetry, etc.) becoming increasingly important for georegistering and certification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
Control points are extremely important for assuring the quality and interoperability of new datasets, for the near term and well into the future.	Although large file sizes can make it difficult to share the data, often requiring the distribution of hard drives, web mapping services are increasingly effective. Good examples are from GINA and alaskamapped.org .				YES	It would best if you could develop a web form separate for each dataset, or for contribution of FGDC metadata for a metadata clearinghouse. But you could learn about some of our data releases at: http://instaar.colorado.edu/QGISL/	All of the above	Most definitely, all of the above.		
			Yes	information available via AKDOF Forest Health Program GIS archives						
	Notw that adjacent Canada has excellent data sets; much of their imagery is mosaiced MrSID and is great but hugh file size									Alpine areas are subject to the greatest geologic and envinomental change that may impact lowlands, and are important for pilots, and currently least accurate
	warehouse				YES	possible to contribute to SDMI, but release must be evaluated against licensing restrictions and use				

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
	LIDAR quality certainly would be nice, but IFSAR quality statewide would be extremely useful. And there are newer satellite-based sensors now that would work well. In general, shoot for 5 m horizontal resolution, and about 1 m vertical accuracy.	Generally every three years or so, but largely hinges on the horizontal accuracy of the data releases, related to the rate of change of targeted features.		Any data released should really meet minimum for FGDC or ISO. Releasing data is almost meaningless without documentation with regard to source data, processing, errors, etc.	A partial list of websites for some of our imagery and DEM releases: http://nsidc.org/data/barrow/ http://instaar.colorado.edu/QGISL/barrow_gcp/ http://instaar.colorado.edu/QGISL/ARCN/ http://instaar.colorado.edu/QGISL/SWAN/		web form for contribution of high-res. Alaska imagery and DEM's, and metadata, to populate a clearinghouse for data sharing (ie., an Alaska Spatial Data Infrastructure)	you might be interested in the following workshop report, now somewhat outdated: http://www.arcus.org/gis/2001_Workshop.html . See also: http://www.arcus.org/gis/index.html ; http://armap.org/ .	I might be able to contribute from experience over the last several years with regard to NSF-sponsored planning activities for an Arctic Spatial Data Infrastructure (ASDI). Progress within this academic environment for spatial data sharing has been somewhat slow, but there is an academic community striving for similar improvements, with interests in Alaska.
					The DEM should be the first priority for collection.				
					Imagery is secondary to a seamless DEM for Alaska. If the initial cost could be secured the product would be worth it.				
		more freq in growing urban areas (Wasilla)							Compatible with and linked to Canada data, and Space Shuttle data south of 60 deg would be a good idea

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Angela Parsons	Materials Engineer and GIS Support	State of Alaska, DOT&PF, Central Region Materials	5750 E. Tudor Rd Anchorage, AK 99507	angela.parsons@alaska.gov	907-269-6208	My own views	My views from the Central Region point of view, not Statewide DOT&PF				
Bob Strobe	Cartographer	National Park Service, Alaska Regional Office, Lands	240 West 5th Ave, Room 114, Anch., AK, 99517	bob_strobe@nps.gov	907-644-8440						
Phil Manke	GIS Technician	Municipality of Anchorage	4700 Elmore Road, Anchorage, AK	mankepj@muni.org	907-343-8220						

If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.		Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.				If you have control that could be utilized by SDMI, please describe it.			
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usually we purchase with limited licensing - we need to try to purchase with open licensing where possible					Doesn't apply to me	But our Survey group does obtain ground control for project areas			
								For specific local projects-headquarters, mining, etc.	For specific local projects-headquarters, mining, etc.
none							yes, points used for the 2006 photo project	yes, limited	yes, limited

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important orthorectified. Would you access control points?
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
Pavement Management obtains GPS - but not as high of quality as the Statewide GIS's centerline										
		Other	Need more orthos							
								Have imagery and elevation data		YES

<i>points (survey, photo location points/image becoming increasingly important for georegistering and certification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	possibly, but need to check licensing - mostly just project area satellite imagery. perhaps we could upgrade the licensing after the fact or try to purchase in future with general use licensing				
	Contact our GIS team				NO	Our GIS team are the caretakers of this type of data				
as long as what is done at the state level can be used at the local level (being to to have the same level of accuracy)					YES	2006 imagery is un-license and available				

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
		depends on the area - urban areas change more frequently. coastal areas also are changing more rapidly.							
	Mostly only work with 2D		hydrographic changes mainly						

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Shari George	Course Manager	CDE - University of Alaska Fairbanks	PO Box 756700	fnswg@uaf.edu	907-479-4748	The views of my organization	My group within UAF, NOT UAF as a whole institution				

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	X								

										<div>Control identifi chips) ar important orthore Would y access t control r</div>			
as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?		Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?		What impediments or obstacles do you see to obtaining or using basemap data?	
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response			
											<div>Flexible searching capability for available data is poor</div> <div>YES</div>		

points (survey, photo location points/image becoming increasingly for georegistering and tification of imagery. ou prefer being able to ontrol via a statewide pository of some kind?	Preferred imagery formats and delivery methods: which of the following methods do you prefer?	How frequently would you use the following data types if they were publicly available and accurate?	Would you be willing to share your knowledge of basemap data sources?		Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.		Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?		Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.	What areas should SDMI focus acquisition of digital imagery and/or elevation on?
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Although metadata that lets me know where the control is also OK										

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
								It is hard to know what is happening with this initiative. The SDMI website has very short briefing papers about every 6 months with some bullets that haven't changed from one to another. It seems unlikely that there isn't more going on; so if the SDMI website isn't the place to look, where should one be looking?. Since it is multi-millions of dollars of public money it seems to me that there should be considerably more information, in some detail, available. For example, how/why did a receiving station for SPOT become the focus - who made that decision and what was the process that led to that decision? What were competing ideas for the focus piece? Were folks given the opportunity to present competing ideas? I might even agree with the decision but it's clear from many comments at the Surveying & Mapping Conference that very few	Having abox to type comment in rather than a single line for input would make it alot easier to make comments.

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Jeff Nichols	Habitat Biologist III	ADF&G, Division of Sport Fish	802 3rd Street	jeff.nichols@alaska.gov	907-465-8576			YES	very often; it also should be noted that the primary responsibility of my position (#1 above) is more research, although this was not an option		
Shawn Stokes	Environmental Program Manager I	State of Alaska Department of Environmental Conservation	555 Cordova Street, Anchorage, AK 99501	shawn.stokes@alaska.gov	907-269-7504						
John Baldwin	Operations Staff Officer	USDA Forest Service	648 Mission St, Ketchikan, AK 99901	jbaldwin01@fs.fed.us	907 228-6289						
Paula J. Smith	GIS Analyst	U. S. Forest Service	3301 C St. Ste 301, Anchorage, AK	pjsmith01@fs.fed.us	907-743-9595						
Richard Stahl	Land Law Examiner	Forest Service	Fed. Bldg. RLM, 9th Ave., Juneau, AK 99802	rstahl@fs.fed.us	907-586-7886						
Gary Fisher	Regional GIS Coordinator	USDA Forest Service	809 W 9th Street, Juneau AK	gfisher@fs.fed.us	907 586-7839					A graphical background used to present information	I don't do the first two but do use the other choices. I just checked the one I use most.
Taunnie L. Boothby	State National Flood Insurance Program Coordinator	Division of Community and Regional Affairs	550 W. 7th Ave Suite 1770 Anchorage, AK 99501	taunnie.boothby@alaska.gov	(907) 269-4583	My own views	with respect to the program that I manage				

<i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i>		<i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i>				<i>If you have control that could be utilized by SDMI, please describe it.</i>			
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proprietary with no real licensing.			We have future plans to implement control			while we have numerous GCP's within our project areas, these were captured with handheld consumer grade GPS; future plans call for GCP collection with differential GPS			
					Doesn't apply to me	not involved in this aspect			
	DNA								
	I am primarily a user of data - floodplains								

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important orthorectification. Would you access control r
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Make the data more available	higher resolution DEM's than available through SRTM (30m) would improve ortho-rectification of our proprietary imagery; high resolution DEM's would also provide improved data for hydrologic delineation	could also add change detection of habitats		Yes	although this depends on the product delivered (e.g., geographic scope, resolution, sensor type, etc), there is no doubt that this would improve various GIS related programs/projects.	USFS DOQ's (greyscale - 2 m resolution)		YES
								We use existing Forest Service DEMs and Imagery		
		Other	need current & better resolution data						obtaining data is problematic some years given weather conditions and funding may only be available for that year	
		Other	Flood elevation determinations are best accomplished with 2 foot topographic contours or better. Many communities are lacking in the data needed to delineate the floodplain.	Building types for the flood zone.				DCRA Community Profile maps, FEMA Flood Insurance Rate Maps and Local data	National Vertical Standard (GEOID) does not have a conversion this far north; therefor local vertical datums are still used.	

<i>points (survey, photo location points/image becoming increasingly important for georegistering and certification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
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this could be incredibly useful, assuming enough structure was identified upfront to make the ID of GCP's and their utility known					YES	this info was already supplied, but we have high resolution aerial photography (RGB, TIR of 20cm to 2.4 m resolution for several areas in Southeast Alaska); it is worth noting that many of these images are NOT ortho-rectified or georeferenced. We have no strict licensing agreement for these images, since we acquired them with our own image acquisition system which we own.				
			Yes	Some data may have security issues that would have to be resolved						
					YES	Response is in another survey.				
	unsure at this point as our own computer systems are changing and will affect the way we handle data		Maybe	don't really have anything to share						
			Maybe	If I had any.						
	Since I am an end user of maps I want them simple to access; to include bush communities.				YES	DCRA Community Profile Maps - Contact is Keith Jost	All of the above	Allow better decision making on infrastructure siting and design for investment purposes.		

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	I think more in terms of spatial resolution (pixel size), and therefore would say that a 10 m DEM would be a tremendous improvement upon a 30m DEM, recognizing that much higher resolution DEM's would be very costly and may provide data management issues	obviously, everybody would WANT annual updates, although I think a 5 year plan would provide a decent balance b/t needs and costs			I think this is a very well put together survey, although some questions would be difficult for moderate DEM/Image users to answer, and..if they did answer, Survey Analysts should factor in an individual's knowledge/experience.				
		Areas of change, annually. Remote sites without a lot of activity 3-5 years							
				as a minimum, the second choice; however, the more detailed the better					
			Shoreline movements isostatic rebound & acretion						
Floodplain mapping requires a base map with many features.				National Mapping Standards for FEMA					

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
ken hilfiker	mgr applications, databases, and GIS	Chugach Electric	5601 electron dr	ken_hilfiker@chugachelectric.com	762-4579						
David Oliver	Analyst/Programmer	Alaska Department of Transportation	3132 Channel Drive, Juneau, Alaska	david.oliver@alaska.gov	907 465 8955	The views of my organization	views of Statewide GIS/Mapping Section, not all of ADOT	YES	mainly digital imagery, limited need/use for elevation data	I process the raw data into higher level products	Convert gps derived point and line data to road centerlines and roadway feature locations (milepost markers, bridges, culverts, etc.)
KATHRYN LIZIK	COORDINATOR/RESEARCH ANALYST IV	CENSUS & GEOGRAPHIC INFORMATION NETWORK	PO BOX 115501, JUNEAU, AK 99811-5501	KATHRYN.LIZIK@ALASKA.GOV	907 465 2437						
Drew Grant	Waterbody Assessment & Reporting	Alaska Dept. of Environmental Conservation, Div. of Water	410 Willoughby ave, Ste. 303	drew.grant@alaska.gov	907.465.5304						
Paul Wonder	Operations NCOIC / Modeler	103rd CST (WMD) Alaska Army National Guard	PO BOX 5800 FT Richardson, Alaska 99505	paul.wonder@us.army.mil	(907) 384-9404						
A.C. Brown	Cartographer	U.S. Geological Survey	4230 University Drive, Anchorage, AK 99508	acbrow2@usgs.gov	(907) 786-7002						
Mike	Zieserl	John Oswald & Associates, LLC	2000 E. Dowling Rd., Suite 10, Anchorage	mzieserl@gmail.com	(907) 561-0136						

<i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i>		<i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i>				<i>If you have control that could be utilized by SDMI, please describe it.</i>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	we mainly use imagery as a background feature within our GIS, we rarely acquire original imagery				Doesn't apply to me	Would differentially corrected GPS data for road centerline and feature inventory data be useful for ground control?			
			We have future plans to implement control			Hopefully when a full-time Geodetic Advisor comes on board with the State DNR			
	none	We have existing control that could be used				vertical datums, tidal datums			

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?		Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?		What impediments or obstacles do you see to obtaining or using basemap data?		Control Identifications are important or there would y access control n	
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response					
								survey it							
we have differentially corrected GPS centerline and feature inventory data for 4500 to 5500 miles of state roads (centerline miles)						Yes	Would be nice to see imagery added to the spatial data clearing house for Alaska	previously collected GPS centerline data	ADOT lacks coordination/communication when it comes to purchasing, processing, storing, and distributing imagery. This approach results in duplicate purchasing, processing, and storage. ESRI's Image Server or a comparable product should be used by ADOT to centralize the processing, storage, and distribution for commonly used imagery. It would be interesting to see if this type of approach could be scaled to meet the needs of imagery users across the State.						
	georeferenced waters, primarily impaired waters			water quality assessment in regards to Alaska's WQ stands.					a committment from my department						
										NO					
	maintain tidal bench marks at permanent tide station in Alaska for NOAA														

points (survey, photo location points/image becoming increasingly for georegistering and ification of imagery. ou prefer being able to ontrol via a statewide pository of some kind?	Preferred imagery formats and delivery methods: which of the following methods do you prefer?	How frequently would you use the following data types if they were publicly available and accurate?	Would you be willing to share your knowledge of basemap data sources?		Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.		Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?		Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.	What areas should SDMI focus acquisition of digital imagery and/or elevation on?
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
	Could ESRI's Imagery Server or a comparable product be used to serve publically available imagery?				NO	most of the imagery we use was obtained for another agency				
unsure										
	FTP, any format									

<p><i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i></p>	<p><i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i></p>	<p><i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i></p>	<p><i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i></p>	<p><i>What level of metadata would you like to see associated with SDMI basemap data?</i></p>	<p><i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i></p>	<p><i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i></p>	<p><i>Any additional information regarding the survey would be helpful to us.</i></p>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
water related resources and features most of all		no opinion	to assure accuracy of the hydrologic features						
	no pref				yes - what vertical datum should the base map reference? how should the vertical datum be maintained? Should there be tools developed for converting between vertical datums?				

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Teri Arion	Cartographer	State of AK, DNR, Div of OIL & GAS	550 W. 7th Ave., Suite 800	teri.arion@alaska.gov	9072698774						
Mark Riley	Remote Sensing Specialist	Forest Service	PO Box 21628, Juneau, AK 99802-1628	markriley@fs.fed.us	907-586-8759						
Karin Preston	GIS DB Coordinator	Chugach NF	3301 C St, Ste 300, Anchorage, AK 99503	kpreston@fs.fed.us	907 743-9574						
sean conlon	natural resource specialist	state of alaska	550 west 7th ave Anchorage Ak 99501	sean.conlon@alaska.gov	907-269-8527						
Dan Regan	Senior GIS Programmer/Analyst	Resource Data, Inc.	1205 East Int'l Airport Road, Suite 100	dregan@resdat.com	907 770 4106						
Anne M. Johnson	Natural Resource Specialist II	AK Department of Natural Resources	550 w. 7th ave., ste. 1330	anne.m.johnson@alaska.gov	(907) 269-8535						
Matt Nolan	Professor	UAF	PO Box 84756	Matt.nolan@uaf.edu	907 455 6288						
Bill Kiger	Natural Resource Manager	State of Alaska	550 West 7th Suite 1340 Anchorage 99501	bill.kiger@alaska.gov	269-8747						
Tyler Cheatwood	GIS/Drafting Tech	Homer Electric Association	3977 Lake St Homer, AK 99603	tcheatwood@homer-electric.com	(907) 235-3336	The views of my organization	I am the only GIS guy here				
Erik Kenning	GIS Analyst	Arctic Slope Regional Corp	3900 C Street Suite 801	ekenning@asrc.com	907 339-6017						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
public							some survey control and other sources		
					Doesn't apply to me	This does not apply to my work unit, however the surveys unit may be an excellent source of GPS-based ground control. They are funding and staff limited, so financial incentive/subsidy of field expenses is likely a necessity for their participation.			
academic									
	I give data to Land Records Information Section								

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?		Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?		What impediments or obstacles do you see to obtaining or using basemap data?		Control Identifications are important orthorectification. Would you access control data?	
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response					
		Other	new, better data					coarser resolution satellite imagery, eg SPOT, Landsat, MODIS, Ikonos, Quickbird							
								Privately produced products paid for by client							
				Hydrologic data is what my work unit is primarily interested in				Our current work process includes significant amounts of visual comparison between USGS topos and MTPs, would be extremely useful and time saving to be able to have these in statewide digital imagery to automate the comparison and overlay on updated ortho photos to make our analysis and comparisons.							
	ongoing GPS base stations	Other	\$50M for new maps	Primarily impacts of climate change											

<i>points (survey, photo location points/image becoming increasingly important for georegistering and verification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	I would have to check the licensing agreements				
	if compressed then lossless compression, jp2/geotiff preferred				NO	none that SDMI likely already has, possibly some patchy coverage NextView licensed Quickbird				
		wildlife habitat								
					NO	Generally proprietary				
	I'd like to choose the format based on the use of the data. For imagery comparison, wms works great unless connections are down. For important applications that should not rely on external connections, I like to download data from a central source and store it locally. I'd like to choose what format to download, like Iowa's ortho image server: http://ortho.gis.iastate.edu/									
	upload to GE				YES	I already answered this question				Locations impacted by climate change -- glaciers, permafrost, coasts, etc

<p><i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i></p>	<p><i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i></p>	<p><i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i></p>	<p><i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i></p>	<p><i>What level of metadata would you like to see associated with SDMI basemap data?</i></p>	<p><i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i></p>	<p><i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i></p>	<p><i>Any additional information regarding the survey would be helpful to us.</i></p>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
areas captured by administrative unit or area footprint, less driven by feature with exception of special projects		depends on need, for large areas every 10 years, project level may require multiple captures within a season					define "resolution" -- do you mean spatial, spectral, radiometric, temporal?		
Glaciers	I prefer DEMs		assess climate change impacts		Strategies for success? Why should this effort not end like all of the previous ones?				

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Susan Howard	GIS Supervisor	Municipality of Anchorage	4700 Elmore Rd., Anchorage	howardsj@muni.org	907-343-8255						
Rebecca Strauch	Analyst/Programmer - GIS	Alaska Dept of Fish and Game	333 Raspberry Road, Anchorage, AK 99518	rebecca.strauch@alaska.gov	907-267-2408					All of the above	not all of above, but more than one option
Bill Holloway	GIS Manager	Kenai Peninsula Borough	144 N. Binkley St	bhollo@borough.kenai.ak.us	907-714-2222						
Paul D. Brooks	Government Liaison Director	AERO-METRIC Anchorage	2014 Merrill Field Drive, Anchorage, AK 99501-4116	pbrooks@aerometric-ak.com	907-272-4495			YES	Used to create products for our clients - to prepare topographic data and ortho rectified imagery, and for flight planning operations	All of the above	AERO-METRIC Anchorage does all of these items above, but our primary responsibility is item #1
Paul McNeil	GIS Systems Programmer	North Slope Borough Planning Dept., GIS Division	PO Box 69	paul.mcnell@north-slope.org	(907)852-0333						
Wells Williams	Planning Director	City and Borough of Sitka	100 Lincoln Street, Sitka AK 99835	wells@cityofsitka.com	907-747-1824						
Steven Finneran	GIS Programmer Analyst	Chugach Electric Association	PO Box 196300, Anchorage, AK 99519	steven_finneran@chugachelectric.com	907-762-4711						
Aaron Richins	GIS Program Manager	Environmental Section, Alaska Army National Guard	Bilding 57040, Camp Carroll, Fort Richardson, AK 99505	aaron.richins@alaska.gov	(907) 428-6785						

If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.		Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.				If you have control that could be utilized by SDMI, please describe it.			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
open							RTK GPS ground control		
must talk to National Geographic Society					Doesn't apply to me	I may find individuals in dept that have control, but unknown			
multi agency									Sporadic, various points,
AERO-METRIC maintains license and copyright of data, however, AERO-METRIC does grant specific releases based on client needs. AERO-METRIC also maintains proprietary data that cannot be released		We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership		AERO-METRIC establishes ground control to support all Aerial photography and LIDAR acquisitions. However, some ground control may be established by clients to be used on AERO-METRIC projects	AERO-METRIC collects GPS-based ground control for our mapping projects, however, it is proprietary to our clients and subject to the dynamics of natural and artificial alterations	N/A	N/A
North Slope Borough									
none					Doesn't apply to me	no ground control available			
	I have village aerial photos that were bought from AeroMap USA				Doesn't apply to me	GPS Data from Alaska villages, Gamball, Savonga, Dillingham			

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important or there would y access control r		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
						Yes	Local area with fine resolution is our requirement for data to be useful.			
		Other	better resolution - how much better? More remote areas covered	Wildlife Management and Research	mainly southcentral but work in all areas	Yes	Local copy is best. Online access has been too slow.		have intermediate knowledge, could use more training.	NO
Road centerline GPS to sub-meter accuracy				archeological site mapping		Yes	already have one			
Have vertical profile data of various highway locations, but it is dated and subject to alteration		Other	We need better elevation and imagery data for the State to replace the out-dated USGS map products that do not meet NMAS	Military and Homeland Security	Lower 49 States	Yes	AERO-METRIC needs publicly available up-dated digital basemap data for aviation safety and flight planning operations and in support of our GIS programs	In-house products		YES
						Yes	Its a critical need.			
				Asset Management						
Dillingham, Bethel, Savonqa, Gamball 2007					The Alaska Army National Guard has proprty in over 100 locations from Barrow to Ketchacan.					

<i>points (survey, photo location points/image becoming increasingly important for georegistering and validation of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	2006 1.5 foot of Anchorage Bowl area				
undecided			Maybe	if I have any knowledge to pass on	NO	Dept has many older aerial photos but not digital, not rectified				
					YES	see page 1				
If available at minimal cost					YES	Answered this question in previous section			Assuming the question relate to existing base map data	
	limited experience upon which to base opinion but we are essentially open to whatever works								I don't have enough knowledge and experience at this time to answer this question	
					YES	Sitka road system and Sitka Sound aerials				
	GEOPDF	I already use the DNR roads & Hydro			YES	Stewart River Training Area Aug 2001			GINA data is a good start but it is not detailed enough	Each agenci has its own mission & priority.

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
	4 or 10 ft would be great.				I'm not a imagery or remote sensing expert, but we use the data for many projects. There are others in the department that use (or would like to use) portions of the data heavily for their research projects - DEM, earth cover (habitat) and imagery in particular. I'll try to pass the survey on to them as well.				Not "active" in AGDC, but try to keep in the email loop
			Flight safety and operations						
	2 foot for flood incidence and mapping				Over the next several years the North Slope Borough plans to greatly enhance our expertise in these areas.	The North Slope Borough GIS expects to increase our participation over the next several years.			
	I use 2 ft. contours for storm water drain predictions when I can get it.	s needed. Each situation is different.				malcolm.g.brown@us.army.mil			

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Timothy Reed	Land Surveyor	Dept. of Transportation	6860 Glacier Hwy	tim.reed@alaska.gov	907-465-4491						
Daniel Anctil	Analyst/Programmer	Alaska Dept. of Military & Veteran Affairs	P.O. Box 5800, Fort Richardson, AK 99505-5800	danny_anctil@ak-prepared.com	907-344-2437						
Marcus Geist	GIS Specialist	The Nature Conservancy in Alaska	715 L Street Anchorage, AK 99501	mgeist@tnc.org	907-276-3133 x102						
Michelle Pearson	GIS Geologist	Calista Corporation	301 Calista Court	mpearson@calistacorp.com	907-868-2422						
Terri Morganson	Account Manager	ESRI	8430 Fox Lair Circle, Anchorage, AK 99507	tmorganson@esri.com	907-644-8470			YES	Very little - used for technical support		
Heather	Dauel	Eielson AFB	2310 Central Avenue	heather.dauel.ctr@eielson.af.mil	907-377-3605	My own views	based upon needs of current organization			A graphical background used to present information	sometimes used to georeference
Johnny Mendez	Environmental Engineer I	Alaska Dep. of Environmental Conservation-- Drinking Water Program	610 University Avenue; Fairbanks, AK 99709	johnny.mendez@alaska.gov	907-451-5193						

If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.		Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.				If you have control that could be utilized by SDMI, please describe it.			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
I have several LIDAR and orthophoto files that are a level 4 license. I can share with other gov't agencies. I can share with consultants working on a DOT project. I can not share with the general public							Typical 2"Aluminum caps on drive rod. GPS static networks.		
					Doesn't apply to me	several UNAVCO base stations are on Calista lands			
	unsure what could be contributed	We have existing control that could be used				could be difficult to tap our base station outside of mil domain			
					Doesn't apply to me	Cannot help here, but would like data to have the highest positional accuracy possible			

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?		Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?		What impediments or obstacles do you see to obtaining or using basemap data?		Control Identifications are important orthorectification. Would you access control data?	
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response					
				Homeland Security vulnerability assessments and mitigation planning for critical facilities				purchase from commercial source (Aerometric)							
		Make the data more available	Actually, make access easier. AKMapped is great step in right direction.					These are most recent alternatives our customers have used.	Both data availability/quality - and knowledge/skills can be impediments to our customers.						
	5700 base station	Other	higher resolution DEM for Alaska		Military Ranges and Airspace of interest all over Alaska	Yes	Especially remote locations	Google Earth is not accessible on .mil domain. We bring in from home or elsewhere. Often better than what we have for some locations.	To a degree, file size/storage could be a problem but not a dealbreaker.	YES					
		Provide tools and knowledge on how to use digital imagery or elevation data	Easy to use web-based applications that load relatively fast are the key to make the data more accessible to the non-technical users in state government and the public			Yes	especially if it has some basic tools such as, ability to plot lat long point, measurement tool, zoom/pan, and print/file-export capability		Not all is in a centralized location; Also not all data has good metadata on source of images and resolution/accuracy; also there may be some confusion due to different datums						

<i>points (survey, photo location points/image becoming increasingly important for georegistering and verification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	Maybe. I have a licensing issue described earlier. Also our collection efforts are very narrow band. LIDAR and orthophotos cover 2-3000' swaths which is quite narrow and for road design. Much too narrow for hydrology or anything else.				
			Yes	I probably don't have any unique knowledge to offer on this.						
			Yes	If I learn of new basemap data sources - I inform on SDMI						It seems that urban and federal agencies already focus on acquisition for their areas....
Sure why not	Depends on application. For general use, sid is best. We cannot hit most web mapping services due to .mil domain restrictions	How useful it would be and how often it would be used really depends on the resolution.			YES	I really have to review the stipulations for SDMI imagery. Unsure of whether our imagery would qualify as good enough. Sorry- not enough time right now!	All of the above	Large areas are without any data < 30 meter resolution. Planes crash randomly all over the state.		Mountain Passes, Remote Areas
	The key for us has been slow load speeds when trying to pull data that is stored in other locations because of bandwidth issues. So what ever technology can improve on speed without compromising data quality would be the best I think!		Maybe	Whatever I know, sure, but is probably going to be very limited since I am not an expert on GIS	NO	But my Organization could have some data. Might have to talk to the higher ups directly				The others are important too, but perhaps not as critical to have very high resolution in my line of work.

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
				All of the above as well as coordinate system of product and residual report of aerotriangulation/ground truthing					
critical facilities and damage assessment locations			location of CURRENT infrastructure and residences for damage and threat assessments in EMERGENCY RESPONSE		for EMERGENCY MANAGEMENT/RESPONSE: ideally, high resolution (2 feet per pixel) is needed statewide, for all communities, updated annually. update priority should be based on rate of community growth.	Aaron Richins - aaron.richins@alaska.gov		emphasize PUBLIC SAFETY as well as resource management and development	
We are more interested in general data - our customers are interested in all of the above!		Coastal AK needs more frequent refresh than interior.							
We are supposed to GPS local things, not digitize but realistically you cannot GPS features with no road access.	We have a variety of mapping focuses and it depends on the application. All could be true.	Annually is ideal but 3 years is much more realistic. this is a big state.							
Also small points such as water wells or river intake structures		Annually if available, otherwise at least mention that during the annual refresh no new source data was found.	Not required, but the data would be more useful because of the first answer.	Answer number 1 plus info on accuracy and resolution	Keep us informed on the outcome of actions that will be taken after the survey is analyzed.				Good that you are doing this and trying to get some statewide resources. I like the model that the state of Texas has followed in this respect. Perhaps that is where you guys are heading?

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Michael R Knapp	Owner, Principal GIS Specialist	Blue Skies Solutions, LLC	3312 Robin Street	mknapp@blueskiessolutions.net	907-230-4372						
Eric Campanelli	CAD/GIS Supervisor	Golden Valley Electrical Association	758 Illinois Street	ejc@gvea.com	(907) 458-5716			YES	Tanana Valley Mapping Project (DNR) 2002-2003	A graphical background used to present information	Customer parcel information over imagery
Luke Boggess	Senior GIS Specialist	URS Corporation	2700 Gambell Street, Suite 200	luke_boggess@urscorp.com	907-562-3366	The views of my organization	URS Alaska Operations				
Scott Lindsey	Hydrologist	National Weather Service Alaska Pacific River Forecast Center	6930 Sand Lake Road	scott.lindsey@noaa.gov	907-266-5160						
Becci Anderson	GeoBase Administrator	US Air Force, Elmendorf AFB (L-3 Communications)	6326 Arctic Warrior Drive	becci.anderson.ctr@elmendorf.af.mil	907-552-0479					Primary, critical data set used for mapping, feature identification, or assessment.	I need to choose several of these answers, but not all of them!
Karen Peterson	Cartographer	U.S. Geological	4230 Universtity Dr., Room 101	kapeterson@usgs.gov	907-786-7014						
Patricia D Miller	Design Group Chief	DOT&PF	2301 Peger Rd	patty.miller@alaska.gov	907 451 2284						
Joe Buckwalter	Habitat Biologist	ADF&G	333 Raspberry Rd, Anchorage	joseph.buckwalter@alaska.gov	9072672345						
Ryan Anderson	Engineering Manager	DOT&PF	2301 Peger Road, Fairbanks, AK 99709	ryan.anderson@alaska.gov	907-451-5129						
Will Putman	Forestry Director	Tanana Chiefs Conference	122 First Ave., Suite 600	wputman@tananchiefs.org	(907) 452-8251						
Jim Pomplun	Map Guy	KGB	344 front st ketchikan, ak 99901	jimp@borough.ketchikan.ak.us	907-228-6647						
Warren Elkins	GIS Tech III	Municipality of Anchorage	4700 Elmore, Anchorage AK 99519	elkinswb@muni.org	907-343-8007	My own views	Not sure what the official view are at this point.				
Peter Parker	Analyst Programmer	State of Alaska - DNR	550 West 7th Ave. Anchorage, AK 99501	peter.parker@alaska.gov	907.269.8844			YES	As base map options in the Alaska Mapper		
Daniel Breault	CADD/GIS/Drafter	ARCTEC Alaska JV	9327 Jerstad Avenue	daniel.breault.ctr@elmendorf.af.mil	907.552.6413						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	This one								
	Purchased from DNR in 2003								
Restricted by vendors; variable depending on acquisition date							Control established by GPS on acquired imagery		
yes									
Open		We have existing control that could be used				The control set is not complete	available		available
									USGS monuments on Alaska Radar System

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.		What region of Alaska do you or your organization primarily conduct operations?		Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?		What impediments or obstacles do you see to obtaining or using basemap data?		Control Identifications are important or there would be access to control points	
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response					
		Other	Use of WMS that provides access to metadata (source/date) about displayed imagery and elevation data.		Southcentral & Southeast			or use Community Profile Mapping imagery/CAD data if available							
		Make the data more available	Our current data is outdated										Our existing data meets our primary needs and is paid for. However, updated data is needed.		
		Make the data more available	No cost or low-cost to the private sector												
		Other	make updated and higher resolution data available												

<i>points (survey, photogrammetric points/image data) becoming increasingly important for georegistering and validation of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
	Both served for extraction and capable of full data set download.	Detailed (i.e. parcel level) statewide ownership data.								
			Maybe	Don't understand the question	YES	But, military may not be able to release it				
	SDE									
					YES	Imagery and Mapping				
					YES	Spot and QuickBird imagery, since 2003, with licensing restrictions				
only if is no hassle access or can also be stored locally.					NO	if your partnering with aerometric, then you already have it.			there is no central information warehouse for GIS in AK, one needs to be created.	an economic, followed by environmental paradigm should be followed
					YES	2006 1.5 ft ortho Imagery				

<p><i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i></p>	<p><i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i></p>	<p><i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i></p>	<p><i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i></p>	<p><i>What level of metadata would you like to see associated with SDMI basemap data?</i></p>	<p><i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i></p>	<p><i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i></p>	<p><i>Any additional information regarding the survey would be helpful to us.</i></p>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
				details should include accuracy & error					
					Nope				
		Every two years for urban imagery							

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Elaina Graham	GIS Specialist	US Forest Service, Anchorage Forestry Sciences Lab	3301 C St, Ste 200, Anchorage, AK 99503	egraham@fs.fed.us	907-743-9423					All of the above	Biggest use is graphical background but all other uses also occur
William Sharp	Global BD Manager	Fugro EarthData	7320 Executive Way, Fredrick, MD 21704	bsharp@earthdata.com	240-215-7996						
Fritz Klasner		Kenai Fjords National Park	PO Box 1727, Seward, AK 99664	fritz_klasner@nps.gov	907-224-7546						
Bryce Stath	GIS Analyst/Programmer	Resource Data Inc.	1205 E International Airport Rd Ste 100	bstath@resdat.com	907 770 4185						
Kalin Kellie	Research Biologist II	Alaska Dept Fish and Game	1300 College Rd, Fairbanks, AK 99701	kalin.kellie@alaska.gov	907-459-7238						
Rod Flynn	Research Wildlife Biologist	Alaska Department of Fish and Game	P. O. Box 110024	rod.flynn@alaska.gov	907-465-4353						
Betsy McCracken	Fishery Biologist	Alaska Department of Fish and Game, Sport Fish Division	333 Raspberry Road, Anchorage, Alaska 99518	betsy.mccracken@alaska.gov	907 367 2238						
Robert Royce	CAD/GIS Operator	Chugach Electric Association, Inc.	5601 Electron Drive, Anchorage, AK 99519-6300	John_Royce@chugachelectric.com	907-762-4445						
Chad Hufts	Geologist	USGS	4200 University Dr., Anchorage, AK 99508	chhufts@usgs.gov	907-786-7417					All of the above	Except 1

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me But may apply to other users in my office-I will make sure they get this survey	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
Open	Soon to be available		We have future plans to implement control			We will work with local Alaska suppliers for control			
									photo control points, survey GPS, in Exit Glacier area
					Doesn't apply to me	Only because I don't have access to a control station			
	I have no authority to commit our imagery.								

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?		Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?		If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important or there would y access control r
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
								National Geographic TOPO! Pro Multilayer edition, the NED	Until controls are improved	
				We collect GeoSAR data for the checked applications	Data can be collected in any region	Yes	Data available to government, academic, NGO and private organizations would help expand job opportunities in the geospatial industry in Alaska			
										YES
				Wildlife Biology						
				Wildlife Research						
									data not uniform	
		Other	Better resolution							

<i>points (survey, photogrammetry, etc.) becoming increasingly important for georegistering and certification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
	lossless processing such as Encapsulated Wavelet (.ecw), Leica .img				YES	Ask Ken Winterberger	Provide accuracy and consistency	Accuracy, consistency and currency of base data is my biggest concern		We kind of need it all
	Does not matter									
why has control become increasingly important, it has always been just as important. Awareness of the need is a separate topic.			Maybe	am not aware of any new sources	NO	is already public				
			Yes	I do not have authority to commit Association resources, but I do believe a request for limited utility data would be granted.	YES	I do not have authority to commit Association resources, but we have some varied data from projects that could be of value when compiled. We have some detailed hydrology data (around our hydro facilities), Transmission Lines & Station points.				
										Areas without adequate basemap imagery or elevation

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
			vegetation change monitoring	flight/orbit lines, camera/radar angle					
		depends on frequency of acquisition, i.e., annually if data is collected every year; if no updates exist then no reason to refresh data		fgdc compliant					
		This depends on the study area. Wasilla would need new imagery more regularly than say, Shageluk			How will this data be disseminated?				
			vegetation changes over time (wildfire, early successional habitat)						
		Focus on high resolution before refresh rates.			For our work the most important restriction of current basemap imagery and DEM is the lack of data or lack of good resolution data.				

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
David Snyder	Senior GIS Programmer/Analyst	Resource Data, Inc.	1205 E. Int'l Airport Road Suite 100 Anchorage AK 99518	dsnyder@resdat.com	907-564-5472						
Janet Schaefer	Geologist III	Alaska Div. of Geological & Geophysical Surveys/AVO	3354 College Rd, Fairbanks, AK 99709	janet.schaefer@alaska.gov	907-451-5005	The views of my organization	My organization being the Alaska Volcano Observatory	YES	I use Landsat7, SRTM, and NED data on almost every project.		
Carl Schaefer	Geologist	Northern Associates, Inc.	1831 Musk Ox Trail, Fairbanks, AK 99709	carl.schaefer@gmail.com	907-479-4312						
Torsten Ernst	Database Specialist	Department of Environmental Conservation	410 Willoughby Ave	torsten.ernst@alaska.gov	465-5084						
Page Spencer	Chief Natural Resources	National Park Service	240 W 5th Ave, Anch, AK 99501	page_spencer@nps.gov	907-764-1578						
Ezekiel Baye	GIS Specialist	Ahtna, Inc.	406 Fireweed Lane, 101 Anchorage, AK 99503	ebaye@ahtna-inc.com	907-868-8237						
Jason Geck	Instructor	Alaska Pacific University	4101 University Drive, Anchorage AK 99508	jgeck@alaskapacific.edu	9075648309	My own views	Representing view of both Instructor and Grad student at UAF	YES	Both!		
Sharon Kim	Coastal Biologist	Katmai National Park & Preserve	P.O. Box 7, King Salmon, AK 99613	sharon_kim@nps.gov	907-246-2123						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
				We have a control program that could benefit by partnership		We have both benchmark GPS stations and continuous telemetered GPS stations that could be utilized.	We have both benchmark GPS stations and continuous telemetered GPS stations that could be utilized.		
	Our purchased imagery has already been submitted through DNR.								
	X						Not in high enough GPS location quality, most likely		

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control identifications are important orthorectification. Would you access control r		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
					North Slope					
		Other	higher resolution data is needed	Geologic mapping and volcano-hazard assessment						
				Trail mapping and layout				We use what we can but it is far from ideal		
		Other	Expanded coverage, accuracy assessments, metadata for imagery.					SDMI has already greatly reduced these obstacles.		
					South central, occasionally statewide			old imagery, or data from grosser resolutions, ie MODIS		
		Other	Higher quality DEM							
		Make the data more available	More recent elevation data and better resolution							
				With correct resolution, used in remote camera studies						

<i>points (survey, photo location points/image becoming increasingly important for georegistering and verification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					YES	We have some imagery purchased from various sources (IKONOS, Aeromap, etc.) that may be available depending on specific distribution/purchase restrictions.				
	The interactive web browsers are fine for the public but users do NOT use them		Maybe	if not bound by confidentiality agreements. Though it is rare that we have any to offer.						The entire State needs better basemap imagery
					YES	Data from the community mapping project, to included imagery and cad. It would need to be cleaned to remove sensitive information.				
			Yes	But the NPS regional office is much more knowledgeable than me	NO	Regional office is storehouse				

<p><i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i></p>	<p><i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i></p>	<p><i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i></p>	<p><i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i></p>	<p><i>What level of metadata would you like to see associated with SDMI basemap data?</i></p>	<p><i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i></p>	<p><i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i></p>	<p><i>Any additional information regarding the survey would be helpful to us.</i></p>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
			more recent data = more accurate mapping						
			change monitoring of volcanoes						
	It is project dependent. We will take 10 foot contours if we can get them. More detail is always better, especially for more advanced projects that are focused on a small area.								
					Thanks!	chris.miller@alaska.gov			
			geomorphic and hydrologic changes,						
Hypsometry									

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Jason Graham	Cartographer I	ADF&G	333 Raspberry Rd	jason.graham1@alaska.gov	267-2326						
Will Lentz	GIS Specialist	ABR, Inc - Environmental Research & Services	P.O. Box 80410, Fairbanks AK 99709	wlentz@abrinc.com	907-455-6777 x108	My own views	Use both at work and personal projects out of the office.				
Nick Delmedico	Program Manager	FEMA	130 - 228th St. SW, Bothell, WA 98021	nicholas.delmedico@dhs.gov	(425) 487-4626					All of the above	HAZUS runs at level 2 & 3
Ray Kreig	President	RA Kreig & Associates	201 Barrow Street #1	ray@kreig.com	907-276-2025						
Dave Verbyla	Professor of GIS/Remote Sensing	University of Alaska	SNRAS ONEILL Bldg	D.Verbyla@uaf.edu	D.Verbyla@uaf.edu						
Robert Kopchak	Director, Copper River Program	Ecotrust	PO Box 626, Cordova, Alaska 99754	ecotrust@ak.net	907-424-3541						
Beth Astley	Research Physical Scientist	CRREL	Building 724 Door 1 Fort Richardson AK 99505	beth.astley@us.army.mil	907-384-0513						
Thomas C. Herschbach, PLS	GIS Manager	Matanuska-Susitna Borough	350 E. Dahlia Ave., Palmer, AK, 99645	therschbach@matgov.us	907.745.9858						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
Licensing	Does not apply to me	We have existing control that could be used	We have future plans to implement control	We have a control program that could benefit by partnership	Doesn't apply to me	Comments	Photo ID points (GPS-based)	Photo ID points (survey-based)	Survey control points
	I have no data to contribute to the project								
some open others are proprietary									
none					Doesn't apply to me	use CORS for differential correction			
	X								
Public Domain									

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications are important orthorectification. Would you access control r		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Other	higher resolution							
		Make the data more available	I have seen existing orthoquad data come and go from the seamless.usgs site. Data is out there but not available.							
				DEMs required for HAZUS				lower level analysis or none at all.		
		Make the data more available	for wildlands 1:63360 USGS DRGs are out of date		No	IKONOS, Quickbird not publicly available				
		Other	three meter and ten meter DEM							
		Other	Need additional coverage							

<i>points (survey, photogrammetry, etc.) becoming increasingly important for georegistering and rectification of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
	SDE	parcel, landstatus								
			Yes	but they are all well known. Mostly USGS, which has very little compared to the vastness of alaska.			All of the above	base imagery is used in MapMod program as well.		These would be our priorities
							All of the above			
	winzipped geotiffs				YES	Landsat TM/ETM+	Save money by not having to purchase the data myself			
							All of the above			
							All of the above			
							All of the above			

<i>Imagery resolution needs are typically driven by the features that users need to draw. Please check the features below that you typically capture.</i>	<i>A commonly used product from digital elevation data are topographic contours. Using contours as a guideline, please prioritize your preferences on elevation resolution by selecting one of the following intervals below.</i>	<i>If digital imagery is made available, how frequently should this data be refreshed? Please select how often you think imagery should be refreshed below.</i>	<i>If a refresh of imagery and/or elevation data is required by you or your organization, what are the primary reasons for this?</i>	<i>What level of metadata would you like to see associated with SDMI basemap data?</i>	<i>Are there any other comments you would like to add, or something you think we have missed in this survey?</i>	<i>Please feel free to recommend participation of this survey to other users within your entity who utilizes basemap data and GIS. Or if you prefer to list suggestions below, this would be appreciated.</i>	<i>Any additional information regarding the survey would be helpful to us.</i>		
Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
					we have a large amount of old aerial photography, primarily around the state special areas, all paper. We do not have any camera info. I am digitizing much of it but it will be to low of quality for SDMI. However, the originals are available to anyone willing to do a better job.				
			General availability of data across the state. We often have far-flung small projects that would benefit from having good quality, consistently accurate base map data.						
Floodplains	high accuracy required for H&H studies				Many of our risk assessment projects are not undertaken or not fully developed because of a lack of data.				
					Thanks for the efforts on this important area of ned.				

Please provide:						Please indicate whether the questions answered primarily reflect your own views, or those of the organization you work for. My answers primarily reflect:		Do you currently use digital imagery and/or elevation data in your operations?		In what form do you use or interact with raw digital Basemap data?	
Name:	Title	Organization:	Address:	Email:	Phone:	Response	Comments	Response	Comments	Response	Comments
Frances Inoue	Cartographer	Alaska Department of Fish and Game	333 Raspberry Road	frances.inoue@alaska.gov	(907)267-2321	My own views	Over the years I have had input from the biologists and anthropologist that I work with but these comments are not from the entire department. I am also taking into consideration the technical work of my colleagues.			All of the above	I do not process raw data but two of my colleagues have done work in this area.
Ian Moore	Owner	Alaska Map Science	15585 Newell Drive	ian@alaskamapscience.com	(907) 348-0237						
De Anne Stevens	Geologistsit V	Alaska Division of Geological & Geophysical Surveys	3354 College Road, Fairbanks, AK 99709	deanne.stevens@alaska.gov	907-451-5014						
cindy hamfler	gis specialist	BLM-FDO	1150 University Ave.	cindy_hamfler@blm.gov	907-474-2213						
Joni Piercy	GIS Team Manager	National Park Service	240 W 5th Ave, Anchorage, AK 99501	joni_piercy@nps.gov	907-644-3554						
charles barnwell	owner	n/a	17520 snow crest lane	barnwellce@gmail.com	907.345.6970						

<p><i>If you have imagery that could be contributed to an SDMI repository please enter information about this data in the boxes below.</i></p>		<p><i>Ground control is a significant factor in development of a statewide digital basemap that is consistent, accurate, and authoritative. Control can be survey control, GPS-based control, Continuously Operating Reference Station (CORS), and primarily consists of horizontal and vertical components.</i></p>				<p><i>If you have control that could be utilized by SDMI, please describe it.</i></p>			
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					Doesn't apply to me.	I am not aware of a planned control program in our department at this time.			
							GPS 1m control in some park areas		

as well as possible in the following text boxes.		What improvements would help the most in improving use of digital imagery and/or elevation data?	Please indicate below what applications you use digital imagery and/or elevation data for.	What region of Alaska do you or your organization primarily conduct operations?	Would having a publicly available, and updated digital Basemap strengthen the GIS or mapping program in your organization?	If digital imagery and/or elevation data is unavailable for use with your tools or in your operations, what alternatives do you use?	What impediments or obstacles do you see to obtaining or using basemap data?	Control Identifications (chips) are important orthorectified imagery. Would you access control data?		
Road centerline GPS	Other	Response	Comments	Comments	If you work in other regions as well please note here	Response	Comments	Other (please specify)	Other (please specify)	Response
		Make the data more available	Both of the top two comments would be helpful	The coastal mapping I am thinking of involve issues in the intertidal areas.		Yes	Definitely			
								National Elevation Dataset (NED); self-generated orthophotos		NO
Katmai NPP and Denali NPP; mapping grade GPS		Other	Acquire 10m statewide DEM			Yes	"Updated" being the key word in that sentence.			

<i>points (survey, photo location points/image becoming increasingly important for georegistering and validation of imagery. Do you prefer being able to control via a statewide repository of some kind?</i>	<i>Preferred imagery formats and delivery methods: which of the following methods do you prefer?</i>	<i>How frequently would you use the following data types if they were publicly available and accurate?</i>	<i>Would you be willing to share your knowledge of basemap data sources?</i>		<i>Do you have data (imagery, elevation) you think might be useful to the SDMI project? If so, please provide information such as vintage, type of data, licensing in the text box below.</i>		<i>Of the following responses which one most accurately expresses how a statewide base map would benefit you if it were publicly available?</i>		<i>Current basemap data sources may not meet your needs for a variety of reasons. Please indicate the degree to which you agree or disagree with the following statements, by selecting one per row.</i>	<i>What areas should SDMI focus acquisition of digital imagery and/or elevation on?</i>
Comments	Other (please specify)	Other (please specify)	Response	Comments	Response	Information about data you have	Response	Other (please specify)	If other, please specify here	Comments
					NO	We are in the process of obtaining imagery in refuge areas. Purchase has not been made yet.	All of the above		I am assuming you mean base map sources of imagery and dems. Data in some smaller areas of interest are at high enough quality for some areas and do not require that level in other areas.	The people here usually ask for high resolution imagery in issues regarding permitting or managing specific areas such as refuges and for access. Anadromous streams and intertidal areas also of interest statewide. Vegetation classification and gap analysis are being planned and would require high resolution imagery.
							All of the above			
No strong preference	Project-specific				YES	Information provided previously	Save money by not having to purchase the data myself			
					YES	I think our state office would have data to share	Allow us to better utilize our GIS and/or other mapping tools			
					YES	Contact us.	All of the above			
					YES	various aeriels	Save money by not having to purchase the data myself			

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Comments	Comments	Comments	If Other (please specify)	Other comments	Open-Ended Response	Open-Ended Response	Suggestion(s) for SDMI survey	Suggestions regarding SDMI approach	Other
		I think it depends on the area. Areas of high development or change need to be refreshed more often. I don't think it should be the same over the state.	Imagery is used in the first two items above. We are updating and refining data from biologists such as addition of anadromous streams or the planned gap analysis. We use imagery in monitoring when a permitting issue comes up.			I have emailed the survey link to others.			
					good survey				