

		Confirmed Individual Presentations									
	Presenter	Organization	From	Track	Time/Length	Topic	Abstract	Biography	Email	Phone	
Wednesday AM	1	Moderator: Michael Knapp Lead Presenter: Michelle Pearson	Alaska Arc Users Group (GIS Jam Planning Committee)	ANC	Joint	Wed. 8-9 (60min)	Introduction and Welcome to the GIS Jam / Alaska Map Showcase	This is the "official" introduction to the 2008 GIS Jam. This will include the Alaska Map Showcase Presentation and a peek ahead to ArcGIS 9.3 from ESRI.	Michael Knapp is a certified GIS Professional (GISP) and has been an ESRI authorized instructor for 4-years, with Blue Skies Solutions for 5 years, and a victim of GIS for 11 years. He works primarily with rural Alaska communities and organizations. Michelle Pearson is a GIS Geologist at Calista Corporation and a student in Penn State's MGIS online program.	mknapp@blueskiessolutions.net mpearson@calistacorp.com	Mike: 230-4372
	2	Marcie S. Compton, CMS	Aero-Metric, Inc.	ANC	Joint	Wed. 9-9:15 (15min)	ASPRS Certification Options	The American Society for Photogrammetry & Remote Sensing (ASPRS) offers several certifications for individuals who work with GIS and/or Remote Sensing. This presentation will discuss options available and provide an overview of the certification process.	Marcie S. Compton is an Assistant Professor, Department of Geomatics, UAA. Previously she was a GIS Project Manager for AERO-METRIC, Inc. She is an ASPRS Certified Mapping Scientist for GIS/LIS and has a MA in Geography from the University of Washington.	mcompton@aerometric-ak.com afmnc1@uaa.alaska.edu	272-4495
	3	Scott Grams	GIS Certification Institute	Illinois	Joint	Wed. 9:15-9:30 (15min)	The Certified GIS Professional Program (GISP)	A quick overview of the Certified GIS Professional (GISP) Certification available from the GIS Certification Institute.	Scott Grams is the Executive Director of the GIS Certification Institute (GISCI) in Park Ridge, Illinois. He splits his time between the Urban and Regional Information Systems Association (URISA) and GISCI. He graduated from Purdue University and received his master's degree from Northwestern University in 2004.	sgrams@urisa.org	847-824-7768
	4	Hans Buchholdt	Alaska Department of Natural Resources, Division of Forestry	ANC	A	Wed. 10-10:45 (45min)	Forest Insect & Disease Aerial Detection Surveys	The Forest Health Program within the Division of Forestry of ADNR utilizes a unique aerial mapping system developed by the USDA Forest Service's Remote Sensing Applications Center (RSAC) for its yearly forest health insect and disease statewide aerial surveys.	Hans Buchholdt is a GIS Specialist with the Alaska DNR, Division of Forestry, Forest Health Program. Hans has been active in GIS in Alaska since 1983, having worked for the North Slope Borough, on the Exxon Valdez Oil Spill, and Sealaska Corp.	hans.buchholdt@alaska.gov	269-8729
	5	Frederic H. Wilson and Chad P. Hults	USGS Alaska Science Center	ANC	A	Wed. 10:45-11:30 (45min)	Geologic maps for Alaska – A digital approach	This presentation describes the USGS effort to create uniform digital geologic map databases that allow users to create maps or analyze data. The databases contain lithology, ages, unit descriptions, and sources.	Dr. Frederic (Ric) Wilson is a Research Geologist with the U.S. Geological Survey. He has more than 30 years creating geologic maps, and more than 20 years designing and building spatial databases. Chad Hults is a Geologist with the U.S. Geological Survey. He is currently compiling and integrating geologic maps for Alaska and publishing them digitally. He is formerly a Physical Scientist at Denali National Park.	fwilson@usgs.gov chults@usgs.gov	Ric Wilson: 786-7448
	6	Dave West & Elena Suleimani	Alaska Earthquake Information Center, Geophysical Institute, UAF	FAI	A	Wed. 11:30-12 (30min)	Tsunami Inundation Mapping for Seward, Alaska	Great progress has been made towards generating high resolution tsunami models for the community of Seward. This talk will summarize this inundation mapping process and discuss the data dissemination and education plans for the community.	Dave West is a GIS Coordinator for the Tsunami Inundation Mapping Program at the Alaska Earthquake Information Center in the Geophysical Institute, UAF. Elena Suleimani is a Research Analyst at the Geophysical Institute, UAF. She is working on tsunami inundation mapping for Alaska coastal communities.	daw@gi.alaska.edu elena@gi.alaska.edu	Dave: 474-5529
	7	Dorothy Mortenson & Joel Cusick	National Park Service	ANC	B	Wed. 10-11 (60min)	Geotagging and Management of Photographs for Ecological Monitoring	Repeat photography is locating the site of an old photograph, duplicating the position of the original camera and taking a repeat image of the same scene. In this presentation learn how to tie these digital photos, their GPS coordinates and field notes together for analysis.	Dorothy Mortenson is Data Manager for the National Park Service, Inventory and Monitoring Program for the Southwest Alaska parks. She has been working with GIS for over 20 years. Joel Cusick is a GIS/GPS Specialist for the National Park Service in Anchorage. He is a certified Trimble trainer who earned a degree in Biology from Michigan Technological University and a Master's degree from UAA.	Dorothy_Mortenson@nps.gov Joel_Cusick@nps.gov	Dorothy: 644-3684
	8	Scott Grams	GIS Certification Institute	Illinois	B	Wed. 11-12 (60min)	The Certified GIS Professional Program (GISP)	This presentation provides an overview of the GIS Professional (GISP) certification program. This certification is offered by the GIS Certification Institute to professionals with at least 48 months of GIS-related experience.	See item #3.	sgrams@urisa.org	847-824-7768
Wednesday PM	9	Dorothy Mortenson	National Park Service, Southwest Alaska Network Inventory and Monitoring Program	ANC	A	Wed. 1-1:30 (30min)	Use of path distance analysis in a long-term vegetation monitoring program	The NPS plans to monitor vegetation change at the landscape scale, using remotely sensed data, and at the ecosystem scale, using targeted, ground-based sampling. Cost analysis was used as part of the ground-based sampling design to ensure that travel time to plots did not exceed actual sampling time.	See item # 7.		
	10	David Verbyla	Department of Forest Sciences, University of Alaska	FAI	A	Wed. 1:30-2 (30min)	Network Analysis Using ArcGIS 9.2	Network analysis can be used in many fields such as transportation planning, marketing, and emergency response. The ArcGIS Spatial Analyst extension helps determine an optimal route across a "cost-surface", such as building a new road to a resource after considering potential costs across the surface.	Dave is a Professor of GIS/Remote Sensing at the University of Alaska, Fairbanks. He has been at UAF since 1993 and teaches Introduction to GIS, GIS Analysis, GIS Programming and a graduate course in remote sensing.	ffdlv1@uaf.edu	474-5553
	11	Paul Bartschi	Bureau of Land Management	ANC	A	Wed. 2-2:30 (30min)	Customizing ArcMap with VBA	Customizing the ArcMap interface saves time and money, and can increase accuracy of data. This session will reveal tips and tricks to customizing the ArcMap interface.	Paul is a GIS specialist with the Bureau of Land Management. He graduated from Utah State University in 1998 and develops various programs for BLM saving time and money.	Paul_Bartschi@ak.blm.gov	271-3307
	12	Jonathan Swanson	Accupoint, Inc.	ANC	A	Wed. 2:30-3 (30min)	ArcPad or Terrasync: Choosing Suitable Field Software	Both ESRI ArcPad and Trimble Terrasync are robust applications for use in GPS. This presentation examines features of both softwares that may help determine which you choose to utilize in your workplace.	Jonathan Swanson is the Mapping/GIS representative with Accupoint, Inc. in Anchorage.	Jon@accupoint.com	771-3620
	13	Leah Saunders (ESRI)	ESRI		A	Wed. 3:30-4:15 (45min)	ArcGIS Desktop Part 1: Cartography tips	ArcGIS 9.2 has added numerous enhancements that will help users to be more efficient with their time. Join ESRI for a brief journey that shows some of the most recent cartographic productivity tools.	Leah is a Technical Sales Analyst with ESRI and currently works in the Olympia regional office. She received a B.A. in Geography from Queen's University and an Engineering Advanced Diploma in GIS from the British Columbia Institute of Technology.	lsaunders@esri.com	
	14	Leah Saunders (ESRI)	ESRI		A	Wed. 4:15-5 (45min)	ArcGIS Desktop Part 2: Editing tips	ArcGIS 9.2 has added numerous enhancements that will help users to be more efficient with their time. Join ESRI for a brief journey that shows some of the most recent editing productivity tools.	Leah is a Technical Sales Analyst with ESRI and currently works in the Olympia regional office. She received a B.A. in Geography from Queen's University and an Engineering Advanced Diploma in GIS from the British Columbia Institute of Technology.	lsaunders@esri.com	

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Wednesday PM	15	Marcus Geist	The Nature Conservancy, Alaska	ANC	B	Wed. 1-1:30 (30min)	Traditional Ecological Knowledge Mapping for Conservation Planning	The Nature Conservancy in Alaska is partnering with Native Villages in the Nushagak River Basin and on the North Slope to map traditional use areas and inform conservation planning. Traditional Knowledge information presents challenges and rewards that can compliment conventional western science data.	Marcus Geist currently works for The Nature Conservancy in Alaska. Recent employers include: US Army Alaska (GIS Coordinator) and the US Environmental Protection Agency in Chicago.	mgeist@tnc.org	276-3133 x102
	16	Dayle Sherba	Bureau of Land Management	ANC	B	Wed. 1:30-2 (30min)	Teaching GPS to Grades 4-8	Author explains how she teaches students to navigate and collect data using Etrex Legend GPS receivers. She also explains how to introduce students to metadata, datums, and the UTM coordinate system and how to use audience participation to keep interest level high.	Dayle Sherba is the GPS Coordinator (Resource Grade) for the Bureau of Land Management in Alaska and a Trimble Certified Mapping and GIS Trainer.	Dayle_Sherba@ak.blm.gov	271-3559
	17	Patty Burns	Geophysical Institute, UAF	FAI	B	Wed. 2-3 (60min)	MapTeach Program	MapTeach stands for Mapping Technology Experiences with Alaska's Cultural Heritage. Come learn about this unique program and see some of the mapping produced by MapTeach participants. Learn more about the program at http://www.mapteach.org	Patty Burns is a Data Technician with the Geophysical Institute at the University of Alaska in Fairbanks.	pburns@gi.alaska.edu	474-7598
	18	Frank Wallis, Alaska DNR GIS Manager	State of Alaska DNR	ANC	B	Wed. 3:30-4 (30min)	Alaska Mapper Internet Application	Learn about the Alaska Mapper, which provides a map-based internet access into the Alaska Department of Natural Resources (ADNR) case-file data, state status maps, and other mission-related datasets.	Frank Wallis is a GIS Manager at the Alaska Department of Natural Resources. He has over 17 years programming and designing solutions for GIS. Frank also has a strong technical background in RDBMS and WEB technology.	frank.wallis@alaska.gov	269-8847
	19	Scott Grams	GIS Certification Institute	Illinois	B	Wed. 4-5 (60min)	Status of Registered GIS Professional Programs Across the U.S.	This presentation provides an update on how some states are beginning to require professional certification for practicing GIS professionals.	See item #3	sgrams@urisa.org	847-824-7768
Thursday AM	20	Becci Anderson / John Karel	Elmendorf AFB, GeoBase Program	ANC	A	Thurs. 8-8:30 (30min)	GeoBase on Elmendorf AFB- What is it?	GeoBase is an Air Force program that centralizes mapping on each base. GeoBase supports base units through GPS and GIS technologies, including managing an IMS/IMF mapping system that allows data stewards to make edits via web maps.	Becci Anderson is the GeoBase Program Administrator on Elmendorf Air Force Base (as a contractor working for L-3 Communications). She has an MS in Geography from Oregon State University. John Karel is a Staff Sergeant (select) in the United States Air Force. He is the lead military technician for the GeoBase Program on Elmendorf Air Force Base.	Becci.Anderson_ctr@ELMENDORF.af.mil	Becci: 552-0479
	21	Tina Miller	Anchorage Water Wastewater Utility (AWWU), GIS Supervisor	ANC	A	Thurs. 8:30-9 (30min)	GIS as the Integration Glue - Obstacles and Opportunities	Planned integration with GIS is a goal of many organizations. This presentation will cover the benefits and obstacles of AWWU's current experience of GIS integration with its external systems.	Tina Miller, P.E. is the GIS Supervisor at the Anchorage Water Wastewater Utility (AWWU). She has 10 years of experience in GIS and has worked with databases since 1990.	Christina.Miller@awwu.biz	564-2725
	22	Gail Morrison	Allied GIS	ANC	A	Thurs. 9-9:30 (30min)	Intro to SDSFIE (Spatial Data Standards for Facilities, Infrastructure and Environment)	Come learn about the Army Corps of Engineers' CAD / GIS SDSFIE data standards. Presentation includes an overview on how to use these standards and how easy it is to create an ESRI geodatabase using the Army Corps of Engineers' geodatabase creation tools.	Gail Morrison is the owner of Allied GIS in Anchorage. Gail has over 19 years experience using ESRI and AutoCAD products for GIS. Clients have ranged from private, military, city, county, and federal government. Allied GIS is also an ESRI Authorized Business Partner.	gmorrison@alliedgis.com	333-2750
	23	Angie Southwold	National Park Service	ANC	A	Thurs. 10-11 (60min)	Database design workshop	Latest GIS technologies allow data to be stored in relational databases. Join Angie in this workshop where she will cover the foundations of a relational database and strategies for good relational database design.	Angie Southwold is a GIS-Database Programmer for the National Park Service. She also teaches GIS courses at UAA in the Geomatics Department.	Angie_Southwold@nps.gov	644-3556
	24	Tim Weisenburger (ESRI)	ESRI		A	Thurs. 11-11:30 (30min)	ArcGIS 9.2 Geodatabase Options	There were many new features added to the geodatabase in ArcGIS 9.2. Join ESRI for a presentation on the latest developments in personal, file, and enterprise geodatabases.	Tim Weisenburger is a Technical Sales Analyst with ESRI and currently supports the Alaska Region. He has over 10 years of experience working with GIS and application development in natural resources, state and local government applications.	tweisenburger@esri.com	
	25	Peter Hickman	GeoApps, Inc.	FAI	A	Thurs. 11:30-12 (30min)	AQUABASE - Integrating Fisheries GIS in Everyday Workflow	AQUABASE is a file geodatabase created at the USFWS Fairbanks Office for report generation and analysis of Alaska's waterbodies. This presentation demonstrates advantages achieved using custom GIS toolset development to improve use and acceptance of AQUABASE, regardless of GIS skills or software availability.	Pete Hickman is co-owner of GeoApps, Inc. He is also an ESRI Authorized Instructor with 10+ years of GIS experience. He is responsible for scientific and technical GIS/GPS training, cartography, geodatabase design, and custom software development.	geoapps@gci.net	750-1641
	26	Leah Saunders (ESRI)	ESRI		B	Thurs. 8-8:30 (30min)	Using CAD data with ArcGIS 9.2 Desktop	Many users have data stored in CAD drawing files that could be incorporated into their GIS. This session will discuss tools, methodologies, and design concepts you should consider employing in the migration of your CAD data into GIS layers or projects.	Leah is a Technical Sales Analyst with ESRI and currently works in the Olympia regional office. She received a B.A. in Geography from Queen's University and an Engineering Advanced Diploma in GIS from the British Columbia Institute of Technology.	lsaunders@esri.com	
	27	Marcie S. Compton, CMS	Aero-Metric, Inc.	ANC	B	Thurs. 8:30-9 (30min)	Planimetric Data Collection into an ESRI Geodatabase	Photogrammetric data can now be collected directly into an ESRI geodatabase using DAT/EM StereoCapture™ for ArcGIS. Learn about project considerations and the advantages of stereo compilation for your GIS projects.	Marcie S. Compton is an Assistant Professor, Department of Geomatics, UAA. Previously she was a GIS Project Manager for AERO-METRIC, Inc. She is an ASPRS Certified Mapping Scientist for GIS/LIS and has a MA in Geography from the University of Washington.	mcompton@aerometric-ak.com afmsc1@uaa.alaska.edu	
	28	Keith Jost & George Plumley	ADNR	ANC	B	Thurs. 9-9:30 (30min)	The Status of Community Profile Mapping in Alaska	The Community Profile Mapping Program has been a critical source of survey information for rural Alaska communities. As the program has evolved, the data formats have changed so that the source data for the maps are now available in georeferenced CAD datasets and imagery.	Keith Jost is the manager of the Alaska Department of Commerce, Community, and Economic Development's Land Management and Mapping Program and a senior member of the International Right of Way Association. George Plumley is a Cartographer/Planner with the Alaska Department of Commerce, Community and Economic Development's Land Management and Mapping Program. He has a BA in Geography and an MA in GIS from the University of Alaska in Fairbanks.	keith_jost@commerce.state.ak.us george_plumley@commerce.state.ak.us	Keith: 269-4548
	29	Jim Anderson	Lead Dog Consulting, LLC	ANC	B	Thurs. 10-10:30 (30min)	Modern Mapping in the War Zone	As US troops entered Iraq & Afghanistan, the military, security contractors and the media turned to GIS mapping to solve logistical, positional and informational needs.	Jim Anderson is the President/Owner of LeadDog Consulting, LLC. He is a recognized international GIS map expert.	Jim@GoLeadDog.com	375-5578

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	30	Kelly Fournier	TerraSond LTD	Palmer	B	Thurs. 10:30-11 (30min)	Hydrographic mapping	This presentation discusses some of the techniques used in recent mapping of the Cook Inlet area. Methods of data collection, processing, and resulting datasets will be presented.	Kelly Fournier is a geophysicist/data analyst for TerraSond, Ltd., a terrestrial and seafloor mapping company in Palmer.	kfournier@terrasond.com	745-7215
	31	Michael Knapp	Blue Skies Solutions, LLC	ANC	B	Thurs. 11-11:30 (30min)	RealtyNet - Using ASP.NET and ArcGIS to Manage Native Allotments	The Bristol Bay Native Association (BBNA) manages realty transactions for over 1500 native allotments. An Intranet application was developed using Microsoft IIS, ASP.NET, and ArcGIS. Called RealtyNet, the application allows staff to search, add, and edit allotment data through individual allotment reports that also link to GIS mapping and scanned documents.	See #1	mknapp@blueskiesolutions.net	
	32	Angie Southwold	National Park Service	ANC	B	Thurs. 11:30-12 (30min)	How the National Park Service Tracks Their Maps	maps created by the GIS team. This database allows map creators to register map documents or images and store map metadata. This system was developed as a self-service mechanism for sharing maps with employees around the region, many of whom may not be familiar with GIS software.	Angie Southwold is a GIS-Database Programmer for the National Park Service. She also teaches GIS courses at UAA in the Geomatics Department.	Angie_Southwold@nps.gov	644-3556
Thursday PM	33	Tim Weisenburger (ESRI)	ESRI		A	Thurs. 1-1:45 (45min)	ArcGIS Server Functionality Demo	In this 45 minute session, you will learn the workflow for using ArcGIS Server, including authoring a GIS resource, publishing the GIS resource to ArcGIS Server as a service, and using the service from a client application.	See #24	tweisenburger@esri.com	
	34	Chris Miller / Torsten Ernst	Alaska Deptmant of Environmental Conservation, Drinking Water Protection Program	ANC	A	Thurs. 1:45-2:15 (30min)	DEC's Web Application: GIS for Non-GIS User	The Alaska Drinking Water Protection Program needed to securely display the location of public drinking water sources and protection areas to staff. By combining the capabilities of several technologies, a satisfactory result was achieved that will act as a model for further projects.	Chris Miller is an Environmental Specialist with the Drinking Water Protection Program of the Alaska Department of Environmental Conservation. Torsten Ernst is a Database Specialist with the Department of Environmental Conservation. He holds a M.S. in Geography from the University of Georgia.	chris.miller@alaska.gov torsten.ernst@alaska.gov	Chris: 269-7549
	35	Tim Weisenburger (ESRI)	ESRI		A	Thurs. 2:15-3 (45min)	ArcGIS Server Best Practices Tuning and Optimization	This presentation will focus on creating maps in web-enabled GIS applications, some considerations when publishing map resources, their properties and planning, and utilizing a map cache.	See #24	tweisenburger@esri.com	
	36	Warren Elkins	Municipality of Anchorage	ANC	A	Thurs. 3:30-4 (30min)	MOA Applications of Server-based GIS	Learn how the Municipality Of Anchorage is utilizing ArcGIS Server to improve its services for both internal and external use.	Warren Elkins is a GIS Tech III with the Municipality of Anchorage. He has over 14 years of GIS and web development experience.	ElkinsWB@ci.anchorage.ak.us	343-8007
	37	Tom Duncan, Erick Johnson, & Gordon Worum	Fairbanks North Star Borough, Mat-Su Borough, & ADNRF- Forestry	Various	A	Thurs. 4-5 (60min)	ArcIMS Applications for Alaska Boroughs	Come see how some Alaska boroughs are using server-based GIS applications (ArcIMS) to manage large quantities of cadastral data to improve their daily workflow.	Tom Duncan has 16 years experience in GIS applications. For the past 5 years he has been the GIS Coordinator at the Fairbanks North Star Borough. Erick Johnson has been a GIS Technician - Data Analyst with the Matanuska-Susitna Borough for six years, working on ArcIMS, ArcSDE, and image management. Gordon Worum has over 17 years experience in GIS and Image Processing as a GIS Specialist with Alaska DNR Division of Forestry.	tomduncan@co.fairbanks.ak.us	Tom: 459-1473
Thursday PM	38	Paul Kimsey	U.S. Geological Survey	Denver	B	Thursday 1-2:30 (90min)	Status of the National Hydrography Dataset in Alaska	Join USGS for a presentation on the current status of the National Hydrography Dataset (NHD) in Alaska. This includes an overview of the data structure, how to access the data, and an update on the status of the NHD edit tool migration to ArcGIS 9.2 (and who should use these tools).	Paul Kimsey is with the U.S. Geological Survey in Denver, Colorado. He is the National Hydrography Dataset (NHD) section chief at the National Geospatial Technical Operations Center. He manages in-house maintenance activities, database loads and coordinates for the Data Stewardship Program in Five Regions.	pjkimsey@usgs.gov	300-202-4560
	39	Belinda Whitman & George East	Alaska Department of Natural Resources	ANC	B	Thurs. 2:30-3 (30min)	A New Status Map Production Application by ADNRF	The Status Graphics Unit within ANDR has recently adopted a new scheme for producing State Status Maps. Using Oracle Spatial, ArcGIS, and Visual Basic, the Land Records Application (LRAPP), was originally designed four years ago by DNR staff and Resource Data Inc.	George East is a cartographer for the Alaska Department of Natural Resources, Land Records Information Section. He has been making maps for 35 years and is currently responsible for testing new applications, training staff and performing Quality Control of map products. Belinda Whitman is an Analyst/Programmer for the Alaska Department of Natural Resources, Land Records Information Section - Status Graphics Unit. In three years in this position, Belinda continues to develop customized application interfacing with ArcGIS and Oracle Spatial.	belinda.whitman@alaska.gov george.east@alaska.gov	Belinda: 269-8445
	40	Michael Dennis	Geodetic Analysis, LLC	Arizona	B	Thurs. 3:30-5 (90min)	Reliable Accuracy Determination for Spatial Data	There is tremendous confusion on the issue of spatial accuracy. A number of questions must be answered for an accuracy assessment to be meaningful. This session addresses one of the most important issues surrounding field data collection today.	Michael Dennis, RLS, PE, owns Geodetic Analysis, LLC in Pima, Arizona. He provides geodetic consulting and surveying services and contributes to developing geospatial data standards through various organizations.	mdl@geodeticanalysis.com	928-322-0956