

State	Name	Organization	Position	Email Address	Expertise	Metadata Point of Contact Type	Training Point of Contact Type
AR	Learon Dalby	Arkansas Geographic Information Office	GIS Program Manager	<a href="mailto:learon.dalby@arkansas.gov">learon.dalby@arkansas.gov</a>	groovin' metadata guru	Primary	Primary
AR	Shelby Johnson	Arkansas Geographic Information Office	GIO	<a href="mailto:Shelby.johnson@arkansas.gov">Shelby.johnson@arkansas.gov</a>			Secondary
AZ	Anthony (Tony) Maslowicz	Arizona State Land Department		<a href="mailto:amaslowicz@land.az.gov">amaslowicz@land.az.gov</a>		Primary	Primary
CA	Monica Markel	California Natural Resources Agency/CERES	Enterprise Geospatial Application Coordinator	<a href="mailto:monica.markel@resources.ca.gov">monica.markel@resources.ca.gov</a>		Primary	Primary
CA	Roger Kunkel	California Natural Resources Agency/CERES	CERES Programmer Analyst	<a href="mailto:roger.kunkel@resources.ca.gov">roger.kunkel@resources.ca.gov</a>		Secondary	Secondary
DC	Mario Field	District of Columbia Office of the Chief Technology Officer	DC GIS Data Team Lead	<a href="mailto:Mario.Field@dc.gov">Mario.Field@dc.gov</a>	Dr Data	Primary	Primary
DE	Mike Mahaffie	DE Office of State Planning		<a href="mailto:mike.mahaffie@state.de.us">mike.mahaffie@state.de.us</a>		Primary	Primary
HI	Joan Delos Santos	Office of Planning, State of Hawaii	IT Specialist	<a href="mailto:jdelos_santos@dbed.hawaii.gov">jdelos_santos@dbed.hawaii.gov</a>	Expertise in creating FGDC compliant metadata using ArcCatalog	Primary	
IA	Casey Kohrt	Iowa Department of Natural Resources	GIS Librarian/Spatial DBA	<a href="mailto:casey.kohrt@dnr.iowa.gov">casey.kohrt@dnr.iowa.gov</a>	Primary custodian and metadata author for Iowa DNR geospatial data. State resource for metadata. Involved in state and regional (MAGIC) FGDC-CAP funded metadata training and workshops. Administrator of the Iowa DNR NRGIS Clearinghouse.	Primary	Primary
IA	Patrick Wilke-Brown	Iowa Department of Natural Resources	GIS Application Coordinator	<a href="mailto:patrick.wilke-brown@dnr.iowa.gov">patrick.wilke-brown@dnr.iowa.gov</a>	State resource for metadata development. Involved in state and regional (MAGIC) FGDC-CAP funded metadata training and workshops. Provide coordination for the Iowa Geospatial Data Clearinghouse through the Iowa Geographic Information Council.	Secondary	Secondary
ID	Bruce Godfrey	INSIDE Idaho at University of Idaho Library	Spatial Data Administrator	<a href="mailto:bgodfrey@uidaho.edu">bgodfrey@uidaho.edu</a>	administers Idaho's spatial data clearinghouse (an NSDI node), provides stewardship services, publishes map and feature services, and has been a leader in metadata issues and training for a more than a decade.	Primary	
ID	Frank Roberts	Coeur d'Alene Tribe	GIS Manager	<a href="mailto:fmroberts@cdatribe-nsn.gov">fmroberts@cdatribe-nsn.gov</a>	served as Chair of Idaho's Metadata subcommittee for several years and was instrumental in establishing Idaho's metadata standard and in providing metadata training.	Secondary	

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ID	Keith Weber, GISP	GIS Training and Research Center	GIS Director	<a href="mailto:webekeit@isu.edu">webekeit@isu.edu</a>	Specializes in developing basic and advanced GIS-related training opportunities in Idaho. His center is well known for and abundantly funded in the area of rangeland research using spatial technologies		Primary
ID	Charlla Adams	GeoSpatial Research Center at Bo	GIS Analyst	<a href="mailto:cadams2@boisestate.edu">cadams2@boisestate.edu</a>	Has been teaching GIS at GRC for over a decade. Although she has no specific expertise in NSDI-related training, she is very capable and willing to learn.		Secondary
IN	Jim Sparks	Indiana Office of Geographic Information	Indiana Geographic In	<a href="mailto:jsparks@iot.in.gov">jsparks@iot.in.gov</a>	More of a user than creator of metadata but coordinates with various entities on GIS matters, including metadata	Primary	Secondary
IN	Phil Worrall	Indiana Geographic Information Council	Executive Director	<a href="mailto:pworrall@igic.org">pworrall@igic.org</a>	Intermediate expertise	Secondary	Primary
LA	Craig Johnson	Louisiana Geographic Information Center	LAGIC Director	<a href="mailto:cjohnson@lsu.edu">cjohnson@lsu.edu</a>	Taught approximately a dozen metadata courses funded by FGDC CAP Grants, attended Metadata Train the Trainer classes, hosted one Metadata Train the Trainer class.	Primary	
LA	Alaa Shams	Louisiana Geographic Information	LAGIC training Coord	<a href="mailto:ashams@lsu.edu">ashams@lsu.edu</a>	Certified ESRI Trainer in ArcGIS I, II and III (Version 9.3) and will soon be certified in Spatial Analyst. There are approximately a half dozen ESRI Certified trainers throughout the state (Ruston, Pineville, Lafayette, Alexandria, Baton Rouge and New Orleans) and Teach-Me-GIS Inc. in Houston has a very active presence in the state		Primary
MN	Christopher Cialek	Land Management Information Center MN Department of Administration	MN Geospatial Clearinghouse Director	<a href="mailto:chris.cialek@state.mn.us">chris.cialek@state.mn.us</a>	oversees state geospatial clearinghouse following the NSDI model; PI on three successful metadata CAP grants; former chair of state coordinating council's Standards Committee.	Primary	Primary
MN	Nancy Rader	Land Management Information Center MN Department of Administration	GIS Data Coordinator	<a href="mailto:nancy.rader@state.mn.us">nancy.rader@state.mn.us</a>	develops and maintains MN's Clearinghouse web site; a principal member of state's geospatial metadata strategic planning team; develops and conducts state metadata training programs; member of state coordinating council's Standards Committee; represents MN on the FGDC MWG.	Secondary	Secondary

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MN	Ron Wencil	U.S. Geological Survey	Minnesota State Liaison	<a href="mailto:rwencil@usgs.gov">rwencil@usgs.gov</a>	Jack-of-all-trades serves as USGS Geospatial Liaison since 1995, widespread interaction with various Federal, State, local and academic representatives, USGS program contact for numerous NSDI-related projects and activities, member of the MN Governor's Council on Geographic Information and MetroGIS Coordinating Committee and several related committees		Secondary
MT	Gerry Daumiller	Montana State Library	GIS Analyst	<a href="mailto:gdaumiller@mt.gov">gdaumiller@mt.gov</a>	Worked with FGDC metadata since 1995 and have managed our metadata as a WAIS Z39.50 service on the FGDC clearinghouse, a web accessible folder for the Geospatial One-stop, and with ESRI's GIS Portal Toolkit.	Primary	Primary
NC	David Giordano	North Carolina Center for Geographic Information and Analysis	NC OneMap Database Administrator	<a href="mailto:david.giordano@ncmail.net">david.giordano@ncmail.net</a>	As NC OneMap DBA and work with the state GIS the clearinghouse, is familiar with agencies metadata activity	Primary	
NC	Jeff Brown	North Carolina Center for Geographic Information and Analysis	Project Manager	<a href="mailto:Jeffrey.p.brown@ncmail.net">Jeffrey.p.brown@ncmail.net</a>	Has led several NSDI CAP grants. Currently leads training on the US National Grid and he has taken the FGDC train the trainer course too.		Primary
ND	Bob Nutsch	State of North Dakota	ND State GIS Coordinator	<a href="mailto:bnutsch@nd.gov">bnutsch@nd.gov</a>	Familiar with CSDGM and ISO standards, work with multiple state agencies to maintain metadata for state geospatial data.	Primary	Primary
NE	Adonna Fleming	University of Nebraska – Lincoln Libraries	Associate Professor	<a href="mailto:dfleming2@unl.edu">dfleming2@unl.edu</a>	Developed metadata workshops in Nebraska and Iowa. Expertise with ArcCatalog, CSDGM/ISO, TKME, MP and other GIS metadata editors. Oversees a cooperative program to update and maintain the GIS metadata for the Conservation and Survey Division (CSD) of the University of Nebraska. Metadata advisor for the 'Nebraskamap.gov'. Attended NBII "Train the Metadata Trainer Workshop, 2006, Denver, CO.	Primary	
NE	Larry Zink	NB Office of CIO	NB State GIS Coordinator	<a href="mailto:Larry.Zink@nebraska.gov">Larry.Zink@nebraska.gov</a>		Secondary	Primary
NJ	Edith Konopka	NJ Office of Information Technology, Office of Geographic Information Systems		<a href="mailto:edith.konopka@oit.state.nj.us">edith.konopka@oit.state.nj.us</a>	Metadata implementation and training. Geospatial One-Stop.	Primary	

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NY	Sharon Oskam	NYS Office of Cyber Security & Critical Infrastructure Coordination	Asst. IT Director	<a href="mailto:sharon.oskam@cscic.state.ny.us">sharon.oskam@cscic.state.ny.us</a>	GIS Clearinghouse Manager and Metadata Queen for ten+ years. Has lead statewide workshops to promote metadata. Oversees all geospatial web activities.	Primary	Primary
OK	Shellie Willoughby	Oklahoma Office of Geographic Information	GIS Specialist	<a href="mailto:Shellie.Willoughby@conservation.ok.gov">Shellie.Willoughby@conservation.ok.gov</a>	Involved with several local, state and regional GIS organizations in arranging workshops, conferences and training. She has been involved in arranging and assisting with metadata training workshops. Through her many contacts throughout the GIS Community she will be the best person to identify metadata training opportunities and personnel to conduct that training.	Primary	Primary
OR	Erik Endrulat	DAS/Geospatial Enterprise Office	GIS Analyst	<a href="mailto:erik.endrulat@state.or.us">erik.endrulat@state.or.us</a>	Responsible for assuring Framework metadata from agencies, local governments, and others exists upon data submittal and that it meets statewide metadata standard	Primary	Primary
OR	David Mather	DAS/Geospatial Enterprise Office	GIS Analyst	<a href="mailto:david.mather@state.or.us">david.mather@state.or.us</a>	Responsible for assuring Framework metadata from agencies, local governments, and others exists upon data submittal	Secondary	Secondary
PA	Maurie Kelley	PA Spatial Data	Director	<a href="mailto:mck4@psu.edu">mck4@psu.edu</a>	directs the PA GIS Clearinghouse, PASDA, and has by far the most knowledge in PA regarding Metadata expertise across the state. Her clearinghouse team provides Metadata training and assistance on a regular basis to the PA GIS stakeholder community, in addition to serving as the NSDI node for PA.	Primary	Primary
PA	Stacey White	PA Geospatial Technologies Office	GIO	<a href="mailto:stwhite@state.pa.us">stwhite@state.pa.us</a>	Project Management Office for PASDA, well-rounded knowledge of Metadata expertise across the state (through PASDA) and is responsible for the Commonwealth of PA GT/GIS technology standards, including metadata standards	Secondary	Secondary
PR	Ivan Santiago	PR Office of Management and Budget (CIO)	GIS Specialist	<a href="mailto:isantiago@ogp.gobierno.pr">isantiago@ogp.gobierno.pr</a>	GIS Specialist and GIS coordinator local government agencies. In 2002 PR OMB earned a grant from USGS-FGDC about metadata training for local government agencies.	Primary	
PR	Luis Machado	Puerto Rico Planning Board	GIS Manager	<a href="mailto:machado_l@jp.gobierno.pr">machado_l@jp.gobierno.pr</a>	GIS Manager, coordinates GIS data entry among other local agencies.	Secondary	

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PR	Nora Alvarez	Puerto Rico Department of Natural Resources and Environment	Chief, Geoinformatics	<a href="mailto:nalvarez@drna.gobierno.pr">nalvarez@drna.gobierno.pr</a>	GIS Manager, coordinates GIS data entry and storage activities among local environmental agencies.	Secondary	
SC	Gary Merrill	USGS-GIO	SC USGS Liaison	<a href="mailto:gmerrill@usgs.gov">gmerrill@usgs.gov</a>		Primary	Primary
TN	Suzanne White	State of Tennessee, OIR-GIS Services	GIS Analyst	<a href="mailto:suzanne.white@tn.gov">suzanne.white@tn.gov</a>	Certified ESRI instructor and has taught several GIS courses including an intro metadata class following FGDC standards	Primary	Primary
UT	Bert Granberg	Utah Automated Geographic Reference Center (AGRC)	Utah State Geographic Information Database (SGID) Manager	<a href="mailto:bgranberg@utah.gov">bgranberg@utah.gov</a>		Primary	Primary
UT	Jeannie Watanabe	Utah Automated Geographic Reference Center (AGRC)	Manager	<a href="mailto:jwatanabe@utah.gov">jwatanabe@utah.gov</a>		Secondary	Secondary
VA	Lyle Hornbaker	Virginia Information Technologies Agency	Regional Coordinator	<a href="mailto:lyle.hornbaker@vita.virginia.gov">lyle.hornbaker@vita.virginia.gov</a>	Resident metadata guru	Primary	
VA	Dan Widener	Virginia Geographic Information Network, Virginia Information Technologies Agency	State GIS Coordinator	<a href="mailto:dan.widner@vita.virginia.gov">dan.widner@vita.virginia.gov</a>	Central point of contact for statewide NSDI implementation		Primary
VT	Stephen Sharp	Vermont Center for Geographic Information, Inc.	Senior Project Manager	<a href="mailto:steves@vcgi.org">steves@vcgi.org</a>		Primary	
VT	Leslie Pelch	Vermont Center for Geographic Information, Inc.	Outreach Coordinator	<a href="mailto:lesliep@vcgi.org">lesliep@vcgi.org</a>			Primary
WA	Mathew Parsons	University of Washington, Seattle	Map Librarian	<a href="mailto:parsonsm@u.washington.edu">parsonsm@u.washington.edu</a>	Map cataloging, map collection management, rudimentary GIS skills (currently learning), geospatial data discovery and acquisition.	Primary	
WI	A.J. Wortley	University of Wisconsin - State Cartographers Office	Senior Outreach Specialist	<a href="mailto:lwortley@wisc.edu">lwortley@wisc.edu</a>	Worked on a variety of grant-funded projects related to geospatial metadata training, a geospatial clearinghouse, and related technologies.	Primary	
WI	Jerry Sullivan	Wisconsin Department of Natural Resources – Bureau of Science Services	GIS Project Manager	<a href="mailto:jerry.sullivan@wisconsin.gov">jerry.sullivan@wisconsin.gov</a>	educator, advocate, and recognized WI expert on metadata.	Secondary	
WI	Curtis Pulford	Wisconsin Department of Administration	Geographic Information Officer	<a href="mailto:curtis.pulford@wisconsin.gov">curtis.pulford@wisconsin.gov</a>	Developing needs assessments, skills assessments and gap analyses related to the GIS training needs of Wisconsin. Previously coordinated trainings for multiple state agencies.		Primary
WI	Erik Mickelson	WI Department of Administration – Geographic Information Office	Enterprise GIS Service Architect	<a href="mailto:erik.mickelson@wisconsin.gov">erik.mickelson@wisconsin.gov</a>	Responsible for Wisconsin GIS Enterprise services, including training. Very knowledgeable in all of the various skills needed for successful GIS.		Secondary

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WY	Paul Caffrey	Wyoming Geographic Information Science Center (WyGISC)	GIS Research Scientist/Education Coordinator	<a href="mailto:caffrey@uwyo.edu">caffrey@uwyo.edu</a>		Primary	