

# Subject Matter Experts Partnering with Alaska and Northwest Canada Landscape Conservation Cooperatives



Area of Expertise	Name	Title	Organization	Phone	Email	Website Link	Project Link
<b>Category: Coastal and Marine Ecosystems</b>							
Coastal erosion, winds, storms, waves, Western Alaska, Western Canadian Arctic, icefield meteorology, weather impacts on communities, companies, coast guard	<b>David Atkinson</b>	Associate Professor	University of Victoria	250-721-7332	datkinso@uvic.ca	<a href="http://www.uvic.ca/socialsciences/geography/people/faculty/atkinsondavid.php">http://www.uvic.ca/socialsciences/geography/people/faculty/atkinsondavid.php</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_16.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_16.aspx</a>
Climate change, wave and storm surge climatology, Arctic coastal erosion	<b>Li Erikson</b>	Research Oceanographer, Coastal Engineer	USGS	831-460-7563	lerikson@usgs.gov	<a href="http://walrus.wr.usgs.gov/climate-change/hiLat.html">http://walrus.wr.usgs.gov/climate-change/hiLat.html</a>	<a href="http://arcticlcc.org/projects/ALCC2011-02">http://arcticlcc.org/projects/ALCC2011-02</a>
Arctic coastal change and hazards	<b>Ann Gibbs</b>	Geologist	U.S. Geological Survey, Pacific Coastal and Marine Science Center	831-460-7540	agibbs@usgs.gov		<a href="http://arcticlcc.org/projects/ALCC2011-02">http://arcticlcc.org/projects/ALCC2011-02</a>
Sea ice modeling, sea ice and surface temperature remote sensing, coupled weather/ocean/ice modeling	<b>Robert Grumbine</b>	Physical Scientist, Acting Branch Chief, Marine Modeling and Analysis Branch	NOAA/NWS/Environmental Modeling center	301-683-3747	robert.grumbine@noaa.gov	<a href="http://polar.ncep.noaa.gov/">http://polar.ncep.noaa.gov/</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_14.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_14.aspx</a>
ShoreZone imaging and mapping, Coastal Hazards Assessment	<b>Cindy Hartmann Moore</b>	Fish Biologist	NOAA, National Marine Fisheries Service, Alaska Region, Habitat Conservation Division	907 586-7585	cindy.hartmann@noaa.gov	<a href="http://alaskafisheries.noaa.gov/shorezone/default.htm">http://alaskafisheries.noaa.gov/shorezone/default.htm</a> <a href="http://www.shorezone.org/">http://www.shorezone.org/</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2013_27.aspx">http://westernalaskalcc.org/projects/SitePages/WA2013_27.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2012_21.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_21.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2012_20.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_20.aspx</a>
Field investigations of coastal landforms, erosion, and storm surge hazards; Western Alaska; position of Alaska's shoreline and baseline data gaps	<b>Nic Kinsman</b>	Coastal Geologist	Alaska Division of Geological & Geophysical Surveys	907-451-5026	nicole.kinsman@alaska.gov		<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_18.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_18.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2013_26.aspx">http://westernalaskalcc.org/projects/SitePages/WA2013_26.aspx</a>
Remote sensing of coastal and landscape change	<b>Matthew Macander</b>	Senior Scientist	ABR Inc.	907-455-6777 x112	mmacander@abrinc.com	<a href="http://www.abrinc.com">www.abrinc.com</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2013_24.aspx">http://westernalaskalcc.org/projects/SitePages/WA2013_24.aspx</a>
Coastal resources and climate impacts (coastal erosion, marine spills), vegetation and CC (lichens, landcover, caribou habitat)	<b>Peter Neitlich</b>	Ecologist/Natural Resources Program Manager	National Park Service	509-341-4540	peter_neitlich@nps.gov	<a href="http://science.nature.nps.gov/im/units/arcn/">http://science.nature.nps.gov/im/units/arcn/</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_20.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_20.aspx</a>
Arctic coastal erosion, storm surge and coastal flooding, ecological impacts of climate change on the coast, hydrokinetic energy	<b>Tom Ravens</b>	Professor	University of Alaska Anchorage, Arctic Domain Awareness Center	907-786-1943	tmravens@uaa.alaska.edu	<a href="http://www.uaa.alaska.edu/collegeofengineering/research/arctic-coastal.cfm">http://www.uaa.alaska.edu/collegeofengineering/research/arctic-coastal.cfm</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_15.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_15.aspx</a>
Tides, hurricane storm surge, wind-driven wave environments, sea-level rise, computational modeling	<b>Joannes Westerink</b>	Joseph and Nona Ahearn Professor in Computational Science and Engineering	University of Notre Dame	574-631-6475	jjw@nd.edu	<a href="http://www.coast.nd.edu">www.coast.nd.edu</a>	

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Area of Expertise	Name	Title	Organization	Phone	Email	Website Link	Project Link
<b>Category: Fish and Wildlife</b>							
Freshwater fish and aquatic ecology, climate impacts on thermal and flow regimes, physical habitat, wildfire effects	<b>Jeff Falke</b>	Assistant Professor/Assistant Unit Leader	USGS	907-474-6044	jeffrey.falke@alaska.edu	<a href="http://uaf-fel.weebly.com/research.html">http://uaf-fel.weebly.com/research.html</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_38.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_38.aspx</a>
Lake drying and wildlife implications; warming effects on forage available to ungulates	<b>Brad Griffith</b>	Leader, Alaska Cooperative Fish & Wildlife Research Unit	U.S. Geological Survey	907-474-5067	brad.griffith@alaska.edu	<a href="http://faculty.iab.uaf.edu/brad_griffith">http://faculty.iab.uaf.edu/brad_griffith</a>	<a href="http://arcticlcc.org/assets/resources/ArcticLCC_Species_and_Habitat_WG_Report_2012.pdf">http://arcticlcc.org/assets/resources/ArcticLCC_Species_and_Habitat_WG_Report_2012.pdf</a>
Fisheries ecology, fisheries management, aquatic habitat mapping, natural resource law and policy	<b>Brad Harris</b>	Assistant Professor/Director	Alaska Pacific University/Fisheries, Aquatic Science & Technology (FAST) Laboratory	907-564-8802	bharris@alaskapacific.edu	<a href="http://alaskafastlab.org">http://alaskafastlab.org</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_36.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_36.aspx</a>
Climate change effects on shorebirds	<b>Richard Lanctot</b>	Shorebird Coordinator	US Fish and Wildlife Service	907-786-3609	richard_lanctot@fws.gov		<a href="http://arcticlcc.org/projects/ALCC2012-07">http://arcticlcc.org/projects/ALCC2012-07</a>
Climate change, invasive species, biodiversity	<b>Dennis Lassuy</b>	Deputy Director	North Slope Science Initiative	907-271-3212	dlassuy@blm.gov	<a href="http://northslope.org">http://northslope.org</a>	
Terrestrial ecology. Large mammals	<b>Jim Lawler</b>	Ecological Inventory and Monitoring Program Manager	National Park Service	907-644-3699	jim_lawler@nps.gov	<a href="http://science.nature.nps.gov/im/units/arcn/">http://science.nature.nps.gov/im/units/arcn/</a>	
Contaminants	<b>Angela Matz</b>	Fish and Wildlife Biologist	USFWS	907-456-0442	angela_matz@fws.gov		
Stream temperature, salmon habitat, community-based research, data standards for long-term monitoring	<b>Sue Mauger</b>	Science Director	Cook Inletkeeper	907-399-2070	sue@inletkeeper.org	<a href="http://inletkeeper.org/healthy-habitat/stream-temperature-monitoring-network">http://inletkeeper.org/healthy-habitat/stream-temperature-monitoring-network</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_34.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_34.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2014_30.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_30.aspx</a>
Networked monitoring of water temperature of salmon habitat	<b>Bill Pyle</b>	Supervisory Wildlife Biologist	Kodiak National Wildlife Refuge	907-487-0228	Bill_Pyle@fws.gov	<a href="https://westernalaskalcc.org/projects/SitePages/freshwater.aspx">https://westernalaskalcc.org/projects/SitePages/freshwater.aspx</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_31.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_31.aspx</a> <a href="https://westernalaskalcc.org/projects/SitePages/WA2011_04.aspx">https://westernalaskalcc.org/projects/SitePages/WA2011_04.aspx</a>
Freshwater ecosystems, fisheries, salmon	<b>Daniel Schindler</b>	Professor	University of Washington	907-842-2534	deschind@uw.edu		<a href="http://westernalaskalcc.org/projects/SitePages/WA2011_05.aspx">http://westernalaskalcc.org/projects/SitePages/WA2011_05.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2014_37.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_37.aspx</a>
Plant-herbivore ecology, caribou and moose	<b>Don Spalinger</b>	Professor of Biological Sciences	University of Alaska Anchorage, Arctic Domain Awareness Center	907-786-4703	despalinger@ua.alaska.edu		<a href="http://westernalaskalcc.org/projects/SitePages/WA2011_10.aspx">http://westernalaskalcc.org/projects/SitePages/WA2011_10.aspx</a>
Wildlife health and climate change. Avian ecology.	<b>Caroline Van Hemert</b>	Research Wildlife Biologist	US Geological Survey, Alaska Science Center	907-786-7167	cvanhemert@usgs.gov	<a href="http://alaska.usgs.gov/staff/staffbio.php?employeeid=202">http://alaska.usgs.gov/staff/staffbio.php?employeeid=202</a>	

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<b>Category: Fire and Forests</b>							
Forest growth and health related to climate. Climate change impacts on forests. Biodiversity conservation. Ethical/moral aspects of climate change and biodiversity management.	<b>Glenn Juday</b>	Professor Emeritus, Forest Ecology	University of Alaska Fairbanks, School of Natural Resources and Extension	907 474-6717	gpjuday@alaska.edu	<a href="https://www.uaf.edu/snre/faculty/juday/">https://www.uaf.edu/snre/faculty/juday/</a>	
Adaptive capacity of boreal trees, forest ecology, climate change impacts on forests, forest genomics, forest ecophysiology	<b>Amanda Robertson</b>	Coordinator	Northwest Boreal Landscape Conservation Cooperative	907-786-3694	amanda_robertson@fws.gov	<a href="http://www.nwblcc.org">www.nwblcc.org</a>	<a href="http://www.nwblcc.org">www.nwblcc.org</a>
Wildfire, boreal forest, ecosystem modeling, climate scenarios	<b>Scott Rupp</b>	Acting Deputy Director	International Arctic Research Center, University of Alaska Fairbanks	907-474-7535	tsrupp@alaska.edu	<a href="http://www.snap.uaf.edu">www.snap.uaf.edu</a>	
Climate change, forest diseases	<b>Alex Woods</b>	Forest Pathologist	BC Ministry of Forests Lands and Natural Resource Operations, Skeena Region	250-847-6382	Alex.Woods@gov.bc.ca		
<b>Category: Human Dimensions</b>							
Subsistence, cultural ecology, Indigenous knowledge of ecosystems and climate change, qualitative methods	<b>Ken Adkisson</b>	Subsistence Program Manager	National Park Service	907-443-2522	ken_adkisson@nps.gov	<a href="http://www.nps.gov/bela/index.htm">http://www.nps.gov/bela/index.htm</a>	
Wildlife ecology, human-wildlife interactions, subsistence systems	<b>Todd Brinkman</b>	Asst. Professor	University of Alaska Fairbanks	907-474-7139	tjbrinkman@alaska.edu		<a href="http://arcticlcc.org/assets/resources/ArcticLCC_Species_and_Habitat_WG_Report_2012.pdf">http://arcticlcc.org/assets/resources/ArcticLCC_Species_and_Habitat_WG_Report_2012.pdf</a>
Food security, fisheries, Indigenous issues	<b>Philip Loring</b>	Assistant Professor	University of Saskatchewan	306-966-1617	phil.loring@usask.ca	<a href="http://www.sustainablefuturesnorth.org">http://www.sustainablefuturesnorth.org</a>	
Indigenous Rights and Human Dimensions of Climate Change	<b>David Natcher</b>	Professor	University of Saskatchewan	306-966-4045	david.natcher@usask.ca	<a href="http://ilmi.usask.ca/people/david-natcher/index.php">http://ilmi.usask.ca/people/david-natcher/index.php</a>	
Tribal Environmental Programs, Preparedness and Response needs, traditional foods	<b>Karen Pletnikoff</b>	Community Environment & Safety Manager	Aleutian Pribilof Islands Association	907-222-4286	karenp@apiai.org	<a href="http://www.apiai.org/">http://www.apiai.org/</a>	
Impacts from Arctic marine vessel traffic	<b>Martin Robards</b>	Arctic Beringia Program Coordinator	Wildlife Conservation Society	907-750-9991	mrobards@wcs.org	<a href="http://programs.wcs.org/northamerica/AboutUs/Staff/tabid/3235/ProjectId/24/Default.aspx">http://programs.wcs.org/northamerica/AboutUs/Staff/tabid/3235/ProjectId/24/Default.aspx</a>	<a href="https://absilcc.org/science/sitepages/FY2013-02.aspx">https://absilcc.org/science/sitepages/FY2013-02.aspx</a>
Rural Alaska Refuge issues, large landscape planning	<b>Michael Spindler</b>	Refuge Manager	Kanuti NWR, US Fish and Wildlife	907-456-0331	mike_spindler@fws.gov	<a href="http://kanuti.fws.gov">http://kanuti.fws.gov</a>	
Climate change adaptation in Alaska and the Arctic. Climate change information needs. Linking science with action.	<b>Sarah Trainor</b>	Assistant Professor Sustainability Science	University of Alaska, Fairbanks, International Arctic Research Center	907-474-7878	sarah.trainor@alaska.edu	<a href="http://www.accap.uaf.edu">www.accap.uaf.edu</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_35.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_35.aspx</a>

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Subsistence, cultural ecology, Indigenous knowledge of ecosystems and climate change, qualitative methods	<b>Annette Watson</b>	Associate Professor, Human-Environment Geography	Department of Political Science, College of Charleston	843-953-5864	watsonam@cofc.edu	<a href="http://polisci.cofc.edu/about/faculty-staff-listing/watson-annette.php">http://polisci.cofc.edu/about/faculty-staff-listing/watson-annette.php</a>	
<b>Category: Hydrology</b>							
Arctic hydrology, hydrologic connectivity, fish migration, surface and groundwater interactions	<b>Erica Betts</b>	Lead Environmental Analyst	PDC Inc. Engineers	907-452-1414	ericabetts@pdceng.com		<a href="http://arcticlcc.org/projects/ALCC2010-06">http://arcticlcc.org/projects/ALCC2010-06</a>
Arctic hydrology, climatology, remote sensing, airborne data, UAS/drones, water and energy resources	<b>Jessica Cherry</b>	Associate Research Professor	University of Alaska Fairbanks	907-474-5730	Jessica.Cherry@alaska.edu		<a href="http://arcticlcc.org/projects/ALCC2010-04">http://arcticlcc.org/projects/ALCC2010-04</a>
Permafrost hydrology in arctic and boreal systems, groundwater-surface water interactions, carbon and nitrogen cycles	<b>Joshua Koch</b>	Research Hydrologist	US Geological Survey	907-786-7119	jkoch@usgs.gov	<a href="http://alaska.usgs.gov/staff/staffbio.php?employeeid=426">http://alaska.usgs.gov/staff/staffbio.php?employeeid=426</a>	
Climate change effects on Arctic wetland hydrology and on glacier-affected watershed hydrology.	<b>Anna Liljedahl</b>	Assistant Research Professor	University of Alaska Fairbanks	907-474-1951	akliljedahl@alaska.edu	<a href="http://ine.uaf.edu/werc/people/faculty/anna-liljedahl/">http://ine.uaf.edu/werc/people/faculty/anna-liljedahl/</a>	<a href="http://arcticlcc.org/projects/ALCC2012-07">http://arcticlcc.org/projects/ALCC2012-07</a>
Climate change effects on lakes and vegetation and implications for wildlife	<b>Jennifer Roach</b>	Research Scientist	Institute of Arctic Biology	907-474-2414	jroach11@alaska.edu		
Climate change vulnerability assessment, hydrologic modeling, wetland extent and response	<b>Andrew Robertson</b>	Director	Saint Mary's University of Minnesota, GeoSpatial Services	507-457-8746	aroberts@smumn.edu	<a href="http://www.geospatialservices.org">www.geospatialservices.org</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2012_19.aspx">http://westernalaskalcc.org/projects/SitePages/WA2012_19.aspx</a>
Hydrology, water quality, Indigenous Knowledge, citizen science, community-based research, Yukon River	<b>Ryan Toohey</b>	Hydrologist	US Geological Survey	907-865-7802	rtoohey@usgs.gov	<a href="http://alaska.usgs.gov/staff/staffbio.php?employeeid=651">http://alaska.usgs.gov/staff/staffbio.php?employeeid=651</a>	
<b>Category: Permafrost</b>							
Regional scale permafrost degradation, thermokarst	<b>Andrew Balsew</b>	Postdoctoral Scientist	Oak Ridge National Laboratory	907-978-1970	balsew@ornl.gov	<a href="http://climatechangescience.ornl.gov/content/andrew-balsew">http://climatechangescience.ornl.gov/content/andrew-balsew</a>	
Permafrost hydrology, boreal forest hydrology, thermokarst modeling, wildfire	<b>Bob Bolton</b>	Assistant Research Professor	International Arctic Research Center, University of Alaska Fairbanks	907-474-6421	bbolton@iarc.uaf.edu		<a href="http://arcticlcc.org/projects/ALCC2010-05">http://arcticlcc.org/projects/ALCC2010-05</a>
Ground ice, permafrost related hazards	<b>Mikhail Kanevskiy</b>	Research Assistant Professor	University of Alaska Fairbanks, Institute of Northern Engineering	907-474-1905	mkanevskiy@alaska.edu		<a href="http://arcticlcc.org/projects/ALCC2012-10">http://arcticlcc.org/projects/ALCC2012-10</a>
Permafrost geophysics	<b>Vladimir Romanovsky</b>	Professor in Geophysics	University of Alaska Fairbanks	907-474-7459	veromanovsky@alaska.edu	<a href="http://www.permafrostwatch.org">www.permafrostwatch.org</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2011_01.aspx">http://westernalaskalcc.org/projects/SitePages/WA2011_01.aspx</a>
<b>Category: Terrestrial Ecology</b>							
Climate change impacts on ecosystems and society (especially wildfire and subsistence)	<b>F Stuart (Terry) Chapin</b>	Professor Emeritus	University of Alaska Fairbanks	907-590-9672	terry.chapin@alaska.edu		

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Terrestrial ecology in boreal and arctic ecosystems, climate feedbacks, micrometeorology, biogeochemistry modeling	<b>Eugenie Euskirchen</b>	Associate Research Professor	Institute of Arctic Biology, University of Alaska Fairbanks	907-474-1958	seeuskirchen@alaska.edu	<a href="https://sites.google.com/a/alaska.edu/e-euskirchen/home">https://sites.google.com/a/alaska.edu/e-euskirchen/home</a>	<a href="http://arcticlcc.org/projects/ALCC2010-05">http://arcticlcc.org/projects/ALCC2010-05</a>
Mapping and monitoring vegetation and ecosystems over time from regional ecosystems to detailed habitats.	<b>Michael Fleming</b>	Image Processing Specialist	Images Unlimited	907-345-2072	mflaming@gci.net	<a href="http://akevt.gina.alaska.edu/">http://akevt.gina.alaska.edu/</a> <a href="http://agdc.usgs.gov/data/projects/hlct/hlct.html">http://agdc.usgs.gov/data/projects/hlct/hlct.html</a> <a href="http://agdc.usgs.gov/data/projects/fhm/">http://agdc.usgs.gov/data/projects/fhm/</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2011_08.aspx">http://westernalaskalcc.org/projects/SitePages/WA2011_08.aspx</a>
Invasive species in terrestrial systems	<b>Tracey Gotthardt</b>	Program Zoologist	Alaska Natural Heritage Program	907-230-7426	tagotthardt@uaa.alaska.edu	<a href="http://www.alaskainvasives.org">www.alaskainvasives.org</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_33.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_33.aspx</a>
Invasive plants, forest health	<b>Gino Graziano</b>	Invasive Plants Instructor	University of Alaska, Fairbanks, Cooperative Extension Service	907-786-6315	gagraziano@alaska.edu		<a href="http://arcticlcc.org/projects/ALCC2012-10">http://arcticlcc.org/projects/ALCC2012-10</a>
Permafrost, soil carbon, vegetation, landscape change	<b>Torre Jorgenson</b>	Landscape Ecologist	Alaska Ecoscience	907-328-9773	ecoscience@alaska.net	<a href="http://faculty.iab.uaf.edu/dave_mcguire">http://faculty.iab.uaf.edu/dave_mcguire</a>	<a href="http://arcticlcc.org/projects/ALCC2010-05">http://arcticlcc.org/projects/ALCC2010-05</a>
Effects of climate change on climate feedbacks of terrestrial ecosystems in Alaska	<b>Dave McGuire</b>	Assistant Unit Leader Ecology/Professor of Ecology	Alaska Cooperative Fish and Wildlife Research Unit, University of Alaska Fairbanks	907-474-6242	adm McGuire@alaska.edu	<a href="http://science.nature.nps.gov/im/units/SWAN/index.cfm">http://science.nature.nps.gov/im/units/SWAN/index.cfm</a>	
Plant ecology; climate change impacts on forests; phenology	<b>Amy Miller</b>	Ecologist & Acting Program Manager, Inventory & Monitoring Pgm	National Park Service	907-644-3683	amy_e_miller@nps.gov		
Ecosystem ecology, permafrost, wildfire, and carbon cycling	<b>Jon O'Donnell</b>	Ecologist	National Park Service	907-644-3696	jaodonnell@nps.gov		
Changes in tundra vegetation, vegetation mapping, satellite imagery	<b>Martha Raynolds</b>	Research Scientist	University of Alaska Fairbanks	907-474-6720	mkraynolds@alaska.edu	<a href="http://science.nature.nps.gov/im/units/arcn/">http://science.nature.nps.gov/im/units/arcn/</a>	
Climate change effects on vegetation, permafrost, and landforms in the National Parks of northern Alaska	<b>Dave Swanson</b>	Ecologist	National Park Service, Arctic Inventory and Monitoring Network	907-452-5292	david_k_swanson@nps.gov	<a href="http://aknhp.uaa.alaska.edu/staff/">http://aknhp.uaa.alaska.edu/staff/</a>	<a href="https://absilcc.org/science/SitePages/FY2014-01.aspx">https://absilcc.org/science/SitePages/FY2014-01.aspx</a>
Rapid Arctic Transitions due to Infrastructure and Climate (RATIC), Prudhoe Bay, Toolik Lake, Barrow, North Slope, Dalton Highway, Arctic Alaska, Circumpolar Arctic, Arctic education	<b>Skip Walker</b>	Professor	University of Alaska Fairbanks	907-474-2460	dawalker@alaska.edu	<a href="http://www.geobotany.uaf.edu">http://www.geobotany.uaf.edu</a> <a href="http://geobotanical.portal.gina.alaska.edu">http://geobotanical.portal.gina.alaska.edu</a>	
<b>Category: Weather and Climate</b>							
Alaska and Arctic climate variability and change, impacts of changing sea ice on the earth system, links between atmosphere-ocean-ice processes and tundra vegetation	<b>Uma Bhatt</b>	Professor of Atmospheric Sciences, Director of NOAA Cooperative Institute for Alaska Studies (CIFAR)	University of Alaska Fairbanks, Department of Atmospheric Sciences, Geophysical Institute	907-474-2662	usbhatt@alaska.edu	<a href="http://www2.gi.alaska.edu/~bhatt/professional.html">http://www2.gi.alaska.edu/~bhatt/professional.html</a>	

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Area of Expertise	Name	Title	Organization	Phone	Email	Website Link	Project Link
Climate change and weather connections with oceanography	<b>Nicholas Bond</b>	Research Meteorologist	University of Washington and JISAO	206-526-6459	nab3met@u.washington.edu	<a href="http://www.jisao.washington.edu/researchers/bios/bond">http://www.jisao.washington.edu/researchers/bios/bond</a>	<a href="https://absilcc.org/science/sitepages/abcva.aspx">https://absilcc.org/science/sitepages/abcva.aspx</a>
Climate modeling, forest ecology, scenarios planning, climate envelope modeling, biome shifts	<b>Nancy Fresco</b>	Research Faculty, Scenarios Network for Alaska and Arctic Planning	International Arctic Research Center, University of Alaska Fairbanks	907-474-2405	nlfresco@alaska.edu	<a href="http://www.snap.uaf.edu">www.snap.uaf.edu</a>	<a href="http://arcticlcc.org/projects/landscape/ALCC2010-01">http://arcticlcc.org/projects/landscape/ALCC2010-01</a>
Snow measurements, modeling, and remote sensing; snow-vegetation interactions; permafrost	<b>Christopher Hiemstra</b>	Research Physical Scientist	Cold Regions Research and Engineering Laboratory (CRREL)	907-347-8729	Christopher.A.Hiemstra@usace.army.mil	<a href="http://www.erc.usace.army.mil/Locations/ColdRegionsResearchandEngineeringLaboratory.aspx">http://www.erc.usace.army.mil/Locations/ColdRegionsResearchandEngineeringLaboratory.aspx</a> <a href="http://permafrosttunnel.crrel.usace.army.mil/">http://permafrosttunnel.crrel.usace.army.mil/</a>	<a href="http://arcticlcc.org/projects/ALCC2012-08">http://arcticlcc.org/projects/ALCC2012-08</a>
Precipitation, snow trends, decadal variability in climate/PDO, climate model downscaling	<b>Steph McAfee</b>	Assistant Professor	University of Nevada, Reno Dept. of Geography	775-784-6999	smcafee@unr.edu	<a href="http://www.mcafeeclimlab.com/">http://www.mcafeeclimlab.com/</a>	<a href="http://arcticlcc.org/projects/ALCC2013-10">http://arcticlcc.org/projects/ALCC2013-10</a>
Alaska weather and climate variability and change in the instrumental era, data and observing practices	<b>Rick Thoman</b>	Climate Science and Services Manager	National Weather Service	907 458-3716	richard.thoman@noaa.gov	<a href="http://www.arh.noaa.gov/">http://www.arh.noaa.gov/</a>	
Regional integrated assessments, landscape integrity, water temperature, ecosystem vulnerability, stakeholder-driven scenarios, natural resource management tools	<b>Jamie Trammell</b>	Assistant Professor Environmental Studies	University of Alaska, Anchorage Alaska Center for Conservation Science Geography and Environmental Studies	907-786-4865	ejtrammell@uaa.alaska.edu	<a href="http://aknhp.uaa.alaska.edu/">http://aknhp.uaa.alaska.edu/</a>	<a href="http://westernalaskalcc.org/projects/SitePages/WA2014_34.aspx">http://westernalaskalcc.org/projects/SitePages/WA2014_34.aspx</a> <a href="http://westernalaskalcc.org/projects/SitePages/WA2013_28.aspx">http://westernalaskalcc.org/projects/SitePages/WA2013_28.aspx</a>

### Alaska and Northwest Canada Landscape Conservation Cooperatives



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