USA 2015										
Project title	Contact	Institution - lead	Institution - other	Country - Lead	Country - other	Project leader	Other participants	Project Period	Investigated area	Description/abstract
Collaborative Research: The Polaris Project II: Amplifying	snatali@whrc.org	Woods Hole Research Center	US Geological Survey,	USA	UK, Netherlands, Russia	Susan Natali				The Polaris Project II (a continuation of a prior project) seeks to 1) train the next generation of arctic researchers, 2) advance scientific
the Impact			University of Texas and others							understanding of the Arcle, and 3) equard public avaneses of the feedbacks between the Arcle and the global climate system. These objectives are being accomplicited through a numl-feedback diff that includes a summer field courset-search caregineria at Chersian on the Köyma River in the Sbettan Arcle, a series of on-campa arcle-focused courses at participating (S) and Function amproves, and a wice range of characta Arkletise. While undergraduate students meants the giving and are and a probability of the students and the students and the students and the student and field course is being oppanded to include a primally statette, graduate student, postdoctoral researche, and valiting faculty member workshow and that should and and and and and and and and and an
										addrence. The unifying scientific there of the project is the transport and transport
Paleccimete Avalysis of a Miscone Arctic Forest from the Kolyma River Basin, Northeadem Russia	hopejahren@gmail.com	University of Hawaii	Bowdoin College, University of Louisiana, Lafayette	USA		Hope Jahren			Kolyma basin	The groups is based upon a study of Tertary (<65 Ma to >1 Ma foresis that have thinkd north of the Articl Crick. These impact encystems were waited to proclogal profession of continuous datations and light each year, year immaged to persist through the major charate translations of the Econer, Oligopore, and Moccee. While match is town should be local forests of Arctic Drick Hong, the major and the econer of the Arctic Crick Hong, and Hong, and Hong, and Hong, and Hong, and Hong, and Hong, and episcitalisty (init) in a static forest, there is both there in our between example using the arcticle static forest analyzing Princese (pring and Touchaceae (redevoids and alled species) statistics from the Baskino and Hekkelveem finans, located in Marchine and the Iso Jalay, one assessing of Heakina's Hong and the species of the Arctic Prince's of International translations of the Arctic Prince's of International Hong and the analyzing Princese (pring and Touchaceae) (redevoid and alled species) statistics and and the Arctic Prince's of International Hong (The Crick Hong Arctic Prince) and the Arctic Prince's International Hong (The Crick Hong Arctic Prince) and an analyzing Princese (pring) and the Iso Hong (The Hong Arctic Prince) and the Arctic Prince Arctic Printe Arctic Prince Arctic Printe Arctic Pri
BCN SEES: Building a Descarab Natural for Descaling	redtung@gmoil.com	Cooree Machinetes Lleiversity		LICA	Duesia	Debot Others				Polaris project (see entry shows or http://www.therolarisonniect.org/fumile/hon/
nuck-setus, subang a respector kewara ta romanng Andro Uhan Subanadally in Risesia	fortunggaptian.com	George wasnington University		USA	Puissa	Robert Ortilung				Integration, thereading a heat examining the term interactions since present protect dama transport and tables and the advectory of the product since the second since the secon
Collaborative Research on Carbon, Water, and Energy	gwk@umich.edu,	University of Michigan Ann	University of Alaska	USA	Russia	George Kling,			Kolyma basin	The arctic landscape interacts with the global and regional climate by exchanging carbon dioxide, methane, water, and energy with the
Balance of the Arctic Landscape at Flagship Observatories in Alaska and Siberia	msbretharte@alaska.edu, gshaver@mbl.edu	Arbor	Fairbanks, Marine Biological Laboratory, Northeast Science Center			Marion Bret-Harte, Gaius Shaver				almosphere. The find goal of this work is year round monitoring of catton, water, and energy ladance at too arcic state, Immavail Core in Akaia and Cheskin is Descin. The work is a collaboration many researchers from the Marine Bological Ladondov, the University of Akaia Farbania. Nontheast Science Station, Russia, and the University of Michigan. The second goal is the development of here too sites as Taphajh doerandorised for research or and club data of flexibulest. The main task here is to intragala the new cathor, water, and energy balance data with the already lage, diverse, and growing data bases from other research done at these lises. A hird and in a comore our Arcic comarisons and development of Qam-Arcic data bases.
Surface Energy Budgets at Arctic Terrestrial Sites:	Andrey.Grachev@colorado.edu	University of Colorado at		USA		Andrey Grachev			Tiksi (Lena Delta)	This project performs diagnostic analyses of the processes modulating the surface radiative, turbulent, and conductive fluxes at
Quantifying Energy and Momentum Fluxes and their Associated Physical Processes		Boulder								several Sourd of Environmental Arckic Change (ESARO) climate desenvatories located around the Arckic Cosen in Canada, Aakaa, and Salens to investigate the anamal cycle of the submox energy back(SBI) and its Cosen (and Cosen in Canada, Aakaa, and Salens to investigate the anamal cycle of the submox energy back(SBI) and its Cosen (and Landes processes) to Doca on the following bientific questions: (i) WHz processes govern the SEB at Arctic trenstation later? What role do local effects sub a fortian or cosenses in the local spatial SEB bedreggenet?) How the physical processes aftering the SEB differ among the various alter? How do these SEB climaticity are change and any service regime as represented by the SHEBA ate, or with hard of Cesentific WHole SEB terms and the impact back gover and the service regime as represented by the SHEBA ate, or with hard of Cesentific WHole SEB terms and the service back aterparts and the solicity of the service combusion in the costing back algorithms for unders turbulent fluxes in hoods applicable at Arccic tales or is the development of new ores necessary? (ii) Whole SEB terms and the back and the back applicable at Arccic tales or is the development of new ores necessary? New does the annual cycle of some over at each alter influence the SEB and thus temperature regime? Comparison of Ney processes at these terms laterals will be made to back one by the necessary? (iii) which SEB terms and the solicit community, including the renote sensing and modeling communities. The resulting data and annue generations and the development of net potentiation of the spicella understanding of the modulation of energy fluxes to portability at back terms?
Developing Indigenous Research Methodologies in the	smrasmus@alaska.edu	University of Alaska Fairbanks	University of Cambridge	USA	ик	Stacy Rasmus	Olga Ulturgasheva		Eveny communities, Siberia	This comparative ethnographic project is a study of arctic indigenous youth with special focus on the local impacts of settlement on
Arctic (RM-A): Examining the Impacts of Settlement on Socialization and Youth Experience in Siberia and Alaska										socialization practices and experiences is growing up in two articli indigenous communities, one in Silenia and one in Allakaka. Principal imestigator States, Remain works calcely with Doga Ulturgatience, coli of the project and feative scotal section and an pool-doctorate searcher at the University of Cantordys, is interview people in temote Yugi Alkakak Native communities and Every community in the section of the each community to document and address the complexities of conducting Native research as a Native prevalence in the address of the Biologies applied in ancie Indigenous contexts and with youth? How can Indigenous research methodo impact critically appoin important scota lesses in the communities? What are the beneficial and challenge on difficulting an Indigenous apprach to search methodologies applied in ancie Indigenous contexts and with youth? How can Indigenous research methodo apprach Critically appoin important scota senses in the emonitory trades and challenge on aldings an Indigenous apprach to search and how can Indigenous creates the method apply more generally actors calcular and active context. This subject is used for solarism of the Indigenous context set with youth? How can Indigenous research methodo application of the search and how can Indigenous research method apply more generally actors calcular and account context. This subject is used to allow the Indigenous context set with a set The theory and the context search and set of the search methodo application of the Indigenous context and with youth? The subject and set one of the search methodo application and the search method application and the search and the
Community Adaptation and Knowledge Sharing in Alaska		University of Alaska Fairbanks	University of Manchester	USA	ик	Stacy Rasmus	Olga Ulturgasheva		Eveny communities, Siberia	This study is an international comparative, collaborative study of adaptation strategies and resilience patterns among Alaskan Yupik
and Sibena										and Sibenan Eveny. The study aims to provide new insignts on the numan capacity to havigate through the latest dynamic associated with climate change and environmental transformations in the Arctic.
A Comparative Study of the Medical Ethnobotany of the Churchi and Nukawa Yupik of Siberia and the Central Alaskan Yup'ik	kjernigan@alaska.edu	University of Alaska Fairbanks		USA		Kevin Jernigan				The project apports research comparing the ethnometical workedge and language of the Chaksha and Naukan Yugak nestenn Steerla and the Central Alasahan Yugak hashas. The basic research project is to test base untrynopological epitodes before and the Central Alasahan Yugak nestensis. The basic research project is to test base untrynopological epitodes of inguitate and social drange. The research will test this load by examining whether there are more simulifies in modial belief. between two societies speaking unrelated garages and sharing dee prestorication (Chaksanan Yugak nestensis). The between two societies speaking unrelated garages and sharing dee prestorication (Chaksanan Yugak and Central Alasahan Yugak), between two societies speaking unrelated garages, but sharing the more record influence of the dominant Russian outure (Paukana modicula, unrivino) and load cours poperties. The research will be table on basics and annot get the course of the dominant Russian outure (Paukana modicula, unrivino) and load cours poperties. The research will be all that all device of basics and on specific and load cours poperties. The research will be tabled to tabled and annot garbonics, and the load cours opporters. The research will be tabled to tabled and annot garbonics and that and strading and modical and enderto and investor down in the all effect health and explanatory modes of health conditions, as well as field and courses of the specific and the specific and tables and annot an explanatory modes of health conditions, as well as field and the specific and thead specific and the speci
Investigation of Utins 180 Depinded <sup>4</sup> Salashahl <sup>4</sup> Lamh Roda from Ratella, Russia and Reg of Palseportenzoot: Glocations and the Great Dadation Feent	bindeman@voregon.edu	Umversity of Oregon		USA		liya Bindeman				The properties an investigating and interprenet Philosprotenous cocks from karelsa, havis, which are entraordinarily depieted with respect to argue 11 fifthere receives the work of lowess to home values, libods and use depieted 310 more demonstration filtheratic with glacut the second s
Correlating Infrasound Signals with Volcanic Emissions at Kaymsky Volcano, Kamchatka, Russia	dfee@gi.alaska.edu	University of Alaska Fairbanks		USA		Pavel Izbekov			Kamchatka	Veterany lists in the control of the global oxidation event. The project is mitigating volume exciption hazardbay promoting the understanding of enzyliton dynamics by 1) identifying the different Types of volume investment and a standbay promoting the understanding out on the standbay control were to be requered y standbay to volume investment were being standbay and understanding volume events. In the standbay standbay were the standbay and the standbay and the standbay standbay the standbay and the standbay standbay the relations and the standbay and the standbay standbay the standbay measurements of volume emissions. The primary objectives are to 1) identify and characterize the infrastrum signals from the verse adving it is described and the standbay and the standbay and the standbay and the standbay and the verse adving it is described and the standbay and the standbay and the standbay and the standbay and the standbay and standbay and the standbay and the difference is the standbay and the standbay and the standbay and the standbay and the standbay and the difference emission standbay and the standbay and the standbay and the standbay and the standbay at Kamyma's, cloteck detailed volume emission data (botted) and the standbay and the standbay and the standbay at Kamyma's, cloteck detailed volume emission data (botted) and the standbay at the sta
									Kennekalla	emissions with established tephra sampling and ultraviolet remote sensing SO2 measurement techniques.
UOCTORAL Dissertation Research: Discovering Patterns of Language Change through the study of the Koryak Language and its Dialects	µmitnun@linguistics.ucsb.edu	university of California, Santa Barbara		USA		Marianne Mithun	Uibella Wdzenczny		Kamchatka	Ins project is occumenting several dialects of Koryak, a severely endangered Chukoto-kanndahan language spoken in the Kanndaha Pennsula, Racias by L,670 seekens spored across a least eight dialects. Data that will gravel henance our understanding of the Chukoto-Kanndahan family and lead to cross-dialect and cross-linguistic comparison are immediate objectives. The Chukoto-Kanndahan language family is of interest because it shares factures with languages on enther side of the Bernig Strat, which things the Old and New Worlds.

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Collocation Methods (). Identifications between all importance, permainted and hydrology in the high latitudes of Europia.	streietsiĝgwu.edu	George Washington University	Northeast Science Station, Cherskiy	USA	Kussia	Nikolay Shiklomanov		Vacuation	In the porces texes to accress two interrelated hypotheses almost at improved understanding of the Arcle system at various time and paper states. The first hypothesis will explore the seasonal relationity between at lenguates, level tre fiburations, and winkin custom and feeder streams within the Russian Arcle and sub-Arcle wither hydometerological measurements have been collected annual 1950 and cimited atta are available from a number of global data and excites. These data sets will be apprecised by une field data collected by the P1 team, focusing on permittants, topics, hydrochemical, and hyper time and spatial resultion hydrological instale collected by the P1 team. Boarding on permittants, topics, hydrochemical, and hyper time and spatial resultation hydrological instale manufactuates will neach to taming in flashoots and modeling, and the grant will support an early career principal investigator. Results and entrolodogy will also be incorported to courses budy the the avanche instaltance will a work of the Russian and entrolodogy will also be incorported to courses budy the avanche instaltance we are will be maintained and materials principal modeling. The stress the single terms and will be maintained and materials provided for his close germanics. The stress terms and the courses budy the the avanche instaltance we are also the topic hydrological instale and entrolodogy will be the stress terms and the courses budy the the avanche instaltance we date the topic from terms of the topic permised by the stress term and the topic permits and the stress terms and the stress term and the stress term and the stress term and the topic permits and the stress term and the stress term and the topic permits and the stress term and the stress term and the stress term and the topic permits and the topic permits and the topic permits and the stress term and the stress term and the topic permits ano
Colaborative Research: Sensitivity of Circum-Arctic Peatiand Catoon to Holocene Warm Climates and Climate Seasonality	<u>ziy2@lehigh.edu</u>	Lehigh University	Bowdoin College University of Hawaii	USA		Zicheng Yu		Kamchatka	Recett accelerated Actic warming has cluaded videpaged charges in Interstatial accogatem, including carbon dynamica. Past climate animing and occurrent ecosystem reproposes provide crucial implicit from Earth Thistoph for understanding and policitary postable evaluating the outcomes of natural climatic varining that have occurred across the Actic Curring her Notocens. The policit focus is on two warm cimate intervals (1) the Notocens Thermal Maximum between 10.000 and door years ago, and (2) the warm Mediava Climate Acomaly across the State State (1) the Notocens and the Notice Curring her Notocens. The policit focus is on two warm cimate intervals (1) the Notocens Thermal Maximum between 10.000 and door years ago, and (2) the warm Mediava Climate Acomaly across the State Warming and Warmshalay, and Karmshalay. Alcohara war will interget and synthesize and policitary Natura, Maximum and State State (2) the Notocens across the State (2) the Notocens and the Notocens according to the Notocens in cataton-vich Accid according the Notocens (1) the Notocens According to the Notocens in cataon-vich Accid according the Notocens (1) the Notocens According to the Notocens in cataon-vich Accid according the state state According to the Notocens in cataon-vich Accid according the state state According to the Notocens in Cataon-vich Accid according the state Notocens of the Notocens in Cataon-vich Accid according the states according to the State Notocens of the Notocens in Cataon-vich Accid according the states on Notocens of the Notocens in Cataon-vich Accid according the states Notocens of the Notocens in Cataon-vich Accid Constrates the states Notocens of the Notocens in Cataon-vich Accid according the states Notocens of the Notocens in Cataon-vich Accid according the states Notocens of the Notocens in Cataon-vich Accid Constrates the states Notocens of the Notocens in Cataon-vich Accid according the states on Notocens of the Notocens in Cataon-vich Accid according there states on Notocens of the N
RUI: Collaborative Research: Fire regime influences on carbon dynamics of Siberian boreal forests	mioranty@colgate.edu	Colgate University	Woods Hole Research Center, University of Florida	USA		Michael Loranty	Susan Natail, Scott Goetz, Heather Alexander, Michelle Mack		The primary dispective of this research is to increase understanding of past-fee organic carbon dynamics in boreal forests of the Schern arecticly dividing the according mechanisms by which increases for servicely could insurver organic carbon accumulator and stangen over successional intervati, The overarching hypothesis is that good first soil organic byer dight regulates refectoryteen and stangen over successional intervati, The overarching hypothesis is that good first soil organic byer dight regulates refectoryteen and the main equality. The team involved in this project is 11 shafped mere tim first field to and organic byer dight to charge is and hermal equalities. The team involved in this project is 11 shafped mere tim first field to and organic byer dight to charge is and incruinent and permitted transmission experimental two plots created in 2012, 2) determining the relationship between posifier datant distructure ad adove: and belong would be appropriate the first definition of varying age and prographic positions, and 3) testifiers in the gargeoid the location all matches levels allowship to devise contrast the mechanism by which the driven warrying, decorrowation, and drives and be appropring the appropriate to the project and prographic carbon position and the prographic positions, and is participated and appropring the appropriate test one contrast the mechanism by which the driven the appropring the appropring of the program of the program of the program of the program of the appropring the appropri
Collaborative Research: Vegetation And Ecosystem Impacts On	akholodov@gi.alaska.edu	University of Alaska Fairbanks	Colgate University, Woods	USA	Cherskiy	Alexander	Michael Loranty,		· · · · · · · · · · · · · · · · · · ·
Resources, Societies, Environments and Development in the Changing North	andrey.petrov@uni.edu	University of Northern Iowa	Hole Research Center	USA		Kholodov Andrey Petrov	Susan Natal, network		Actic-FROST is an international interdisciplinary collaborative network that teams together environmental and social scientists, local educatios and community members from all circumpolar countries to enable and mobilize research on sustainable Actic development, appectically amount all proving health, human development and workbeing of Actic communities with conserving cosystem attractures, functions and resources. The purpose of the project is to contribute to conceptual, applied and educational aspects of administrability proteins about the Arctic and beyond.
Study of Environmental Arctic Change (SEARCH)	najo.eickeniggt.aiaska.edu	Chair, Science Steering	many participating	USA		Hajo Elcken	framework with		SEARCH is concerved as a broad, interdisciplinary, multi-scale program with support from a number of U.S. agencies. A core am is understanding recent Arctic environmental change and its relationship to hemispheric phenomena. Science plans for SEARCH were
Climate-Ecosystem Interactions and Ocean Exploration	kathy.crane@nosa.gov	Committee NOAA, Climate Obsevations Office	numerous US and Russian	USA-Russia		Kathy Crane	many participants	Chukchi Sea	Severalized and as a walking tion the Stabulch resolution and more MCAA programme include support for work in the Ardic Te particular, the Ardic Research (Tota supported prior). Se- Research research (TRUSALCA) crosses the Berling and Chucker See as 2004, 2004, and 2012 (Interdiscipitary), and annually since 2005 from comoning deployment and recovery across the international boundary in Berling Shad betteres the LS and Russis, The Iool and prior prior deploy and the See and See
Tiksi International Hydrometeorological Observatory	maksh@aari.rw.ru. Taneil.Uttal@noas.gov	Arctic and Antarctic Institute, NOAA		Russia	USA	Alexander Makshtas, Taneil Uttal		Tiksi (Lena Delta)	The This Observatory is located on the Arcic Ocean on the coald of the Laple's Sear near the Lams Raver delts. The sele is occupied by the Polystak weether and science station operated by Russia since 1952 that provide a locar continuous histochical record of admospheric and adjustrit occurrangeshic measurements. Through a patherative between Roshydownet, NOA and the Firmith admospheric and adjustrit occurrangeshic measurements. Through a patherative between Roshydownet, NOA and the Firmith adjustritude the and discin operation (Individue) that the state of the state
Collaborative Research: IPY: Arctic Great Rivers Observatory (Arctic-GRO	rspencer@whrc.org	Woods Hole Research Center		USA		Robert Spencer			The Article Great Rivers Observatory (Article GRO) project at assessing inter constituent (dentiaty, isologes, nativets) fluxes and breat dentiation of the second
Bering Sea Sub Network: A Distributed Human Sensor Array to Delect Arctic Environmental Change	victorisggalaska.net, aflagusa.alaska.edu	Aleut International Association	University of Alaska Anchorage	USA	Russia	Victoria Gofman,	Lilian Alessa	Beringia	The project is implementing a Berning Sea Sub-Network (ISSN), which is a regional influider of community-based organizations observing network consisting of eight Village. In Vettermi Allaka and Northeast Russia. The distribution feal own providers (Casta) and the second s
AON: Development of Sustainable Observations of Thermal State of Permandres In North America and Roussa: The US State of Permandres Roussa: The US Contribution to the Global Terrestrial Network for Permafrost	veromanovsky@alaska.edu	University of Alaska Fairbanks		USA		Vladimir Romanovsky			The work is coordinating data collection using standard equipment and protocols at Alaskan berefore listes and at a sected and comparable number of a less in Russis. The Alaskan and Eurasian berefore beneformed much at the section of the abarities to excention gata starbac temperatures, is assess the future rates of change in new suffice permathos: the permathost and the section of the sect
Namen and Amundsen Basin Observational System (NABOS-II)	igor@iarc.uaf.edu	University of Alaska Fairbanks		USA	Russia	Igor Polyakov			This study aims to comple a coherele picture of the dimatic changes in the Eurasian and Makarov basins (EMB) of the Arkito Ocean, with periodule focus our ordenstating (there may coherarisation lister) (1) Along algo Arafikov Water transport) by the boundary of the periodule focus our ordenstation (there may coherarisation lister) (1) Along algo Arafikov Water transport by the boundary changes in the upper ocean circulation. The goal of the project is to both asseer fundamental quadration also distribution and the study there are year-cound platforms for multidisciplinary monoring measurements along with three August-September custes every to vege sci013, 2015 and 2017, with respected coundaryphic sections and destored in the Interpret fragment fragment Extensive measurements are planed reaching from Studiards to the Lomonosce Ridge and eastend with the August-September custes every to vege vegets cound platforms for multidisciplinary monoring measurements along with three August-September custes every to veget cold 1, 2015 and 2017, with respected coundary plate electron and destored to the Makarov Basin. This Extensive measurements are planed reaching from Studiards to the Lomonosce Ridge and eastend with the Makarov Basin. This Readmain Automotice, Markito the Introduce study and August
Northern Eurasia Earth Science Partnership Initiative (NEESPI)	Pasha.Groisman@noaa.gov	NOAA		USA	many others	Pavel Ya. Groisman			NEESPI vest in framework supporting earth system science research in northern Eurasia, including participation from Russia, Unariae, Friand an many other countries. In the U.S., the National Aeronautics and Speac Administration (NASA) has provide project funding through the NASA Land Dover Land Use and NASA Carbon Cycle Sonce programs, and other projects are subulated in the National State of the National Aeronautics and a international projects, including complete projects are subulated on RNEESPI vestore 14 thip (integration).
The Circumpolar Active Layer Monitoring Network-CALM IV (2014-2018): Long-term Observations on the Climate-Active Layer-Permatrost System	shiklom@udel.edu	George Washington University		USA	Russia	Nikolay Shiklomanov	Dmitry Streletskiy		The project is supporting the continuation of the Circumptize Active Layer Monitoring (CALM) program. The active-layer network of more than 200 alises presents the only concludeed and standardized program of clearentons using standard measurement protocol designed to observe and detect decatal changes in the dynamics of seasonal thaving and freezing in high-latitude soils. The project fills a need for long-tem meanered active piler hickness, ground temperature, and than settlement measurements at the same localizen and across diverse termina types and regions in order to identify scalaer of spatial variation, establish therais, and variable establish and across diverse termina types and regions in order to identify scalaer of spatial variation, establish therais, and variable establish strategies and the program and program is not provide the dependers and establish therais, and variable establish strategies and the set of the strategies and the strategies and the strategies and the strategies and the set of the strategies and the strategies and the strategies exposuring who diverse terming in the strategies approximation that is the strategies detablish. The observations at remote alless. CLAL will contract the into the Web leaded detables.
Land-cover and Land-use Changes on the Yamal Peninsula, Russia	dawalker@alaska.edu	University of Alaska Fairbanks		USĂ		Donald Walker		Yamal Peninsula and Franz Josef Land	The overating gala of the MASL and Cover and Land-Use Change (ICLUD) poject are to establish a research naneed along the Lossia Archic biochemic and set to establish the interactions between easies, insteine commond and the solid cological system of the right. The project is using remote-sensing behaviologies to examine how the termin and antireopopic factors of indiverse advances and the remote sensing behaviologies to examine how the termin and antireopopic factors of indiverse patients of germatice and variation change and how how calculars are in hum Alferica Tatalicial letting by dispensa people the region. The Eurasia Archi Tameet traverses the first Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Archi Tameet traverses the first Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Archi Tameet traverses the first Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Archi Tameet traverses the first Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Archi Tameet traverses the first Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Cara Tameet to be howed control methods in the Arctic bochmete subcomes of the Yamal Permixals and Taraz-baset Land of Northern Eurasia Earn Science Partnership Initative (NEESP); Laddesses the NEESP locence questions regarding local and hempister effected or distribution of the Marcal Arctic bochmete Arctic bochmeters and the Northern Europhysic through the Northern Europhysic through the Northern Europhysic through the Northern Europhysic effective the Northern Europhysic effecti

The Jagen Kanchata Alaska Subduction Processes (UASP)*	paveilgigi alaska edu, gorden gilkacnet ru, chetri gjemsd ika ru, hiroski gjema ja choduda ja c.jp, mnakagarwa@mail.sci.hokudai.ac.jp	USGS Volcano Hazards Program, University of Alaska, Fairbanks, University	Institute of Volcanology and Seismology, Kamchatkan Branch of Geophysical Survey, Hokkaido University, University of Alaska Fairbanks	USA-Russia	Japan	John Eichelberger, Pavel Izbekov. Evgeny Gordeev, Victor Chebrov, Hiroaki Takahashi, Mitsuhiro Nakagawa		DKRAP is a broad, multidecipitrary consolution let by the University of Alasta Farbania (USA), Institute of Vicenology and in the work? Note the high level of adjust an ordenizative accombination and the second of the second of the transformation of the second of the s
Shared Beringian Hentage Program	janis_kozlowskiggnps.gov	National Park Service		USA		Janis Kozlowski		The U.S. National Park Service hunds projects of scientific and community importance in the Beingia Region of western Alaska and Chukolka. The projects are typically local community-based, and relatively small in scope. A complete list of current projects is available at the program web site, www.nps.gov/aksoberingia/
The Alaska Volcano Observatory	steve@giseis.alaska.edu	University of Alaska Fairbanks, Geophysical Institute, US Geological Survey		USA		Steve McNutt		The Aussia Volcance Cleseratory is operated by the U.S. Geological Survey, the Geophysical Institute of the University of Aussias Farbanism, and the Sale of Aussias Director of Celogical and Celogical Survey, the Geophysical Institute of the University of Aussias Farbanism, and the Sale of Aussias Director of Celogical and Celogical Survey, the Institution effects, the Diservatory of Celogical Celogical Survey, both Isseed in Petrophysics Survey, is in Institution effects, the Celogical Institute of the University of Aussian volcant activity along the treated of the Aukan-Kannrathata Aussia Celos Celos Aussian Survey, and
The U.S. Fish and Wildlife Service	Steven_Kohl@fws.gov	Russia-East Asia Branch, Division of International Conservation, U.S. Fish and Wildlife Service		USA	various Russian agencies	Steven Kohl		The U.S. Feb and Weldie Service (USFNS) oversees transactional wildle management and conservation issues, including migratory binds, marine mannings, samon, wildle relegenshature reserves, and ecoxystem studies of the Berng and Chrichi Seas, Bilateri activities are carried out under the U.S. Rousse Environmental Agreement (1972; 1994) U.S. Roussi Migratory Bird Convertion (1978); and U.S. Roussi Agreement on Conservation and Management of the Alaska Chuckeds a Darba Ber Pogulator 2000). There are regular exchanges of information and scientists, as well as periodic joint research cruises for wildlife surveys and physical oceanorgamy studies.
Stanford University	elmiller@pangea.stanford.edu	Stanford University		USA		Elizabeth Miller		Reservices tased at Startord University have carried out extensive field popular, research in the Russan Far East over many years, with funding sources. Research has been to inclustration with Resisting populary. Inclusing have from the horizontal interdisciplinary Scientific institute of the Russian Academy of Sciences (GRMAG) in Maccow as well appropsing from the Northeast Interdisciplinary Scientific coupling investments and the science of the Russian Academy and the Russian Far East over many sears, and a US Georgical Science (CRMAG) and Russian Academy and the Russian Far East North Russian Far East North Russian Academic and US Georgical Science Fundational Russian of Analysis of rock material dredged from the Chukch Patesan Apha Roge System, Arctic Coesen work (Neuron Science Fundation of Analysis of rock material dredged from HcSISR), Far East Browch Pateria. The Internet Science Internet in the process of being swarede formino-work with the Russian Far East Intrody, ROSE, Principal investigations are P1A Junim, V.V. and Miller, EL, CRDF Calaboration Starbid University with HcSISR, Far East Browch Russian Academy and Arabeing Academy Academy Russian Academy Academy Science Academy Academy Science Academy Academ
The International Arctic Research Center (IARC)	Ihinzman@iarc.uaf.edu	University of Alaska Fairbanks		USA	Japan	Larry Hinzman		The International Arctic Research Cenfer (IARC), located at the University of AlaskaFairbanks (UAF), is jointly supported by U.S. and Japanese government funds and conducts research throughout the Arctic. Several IARC-led projects include work in the Russia Arctic, includim tobse unded by NSF and under the NEESPI framework.
International Volcanological School	pavel@gi.ataska.edu, jeichelberger@usgs.gov	University of Alaska Fairbanks		USA		Pavel Izbekov, John Eichelberger		The Department of Geology and Geophysics of the University of Alaska Fartanatas defines a two-week field class in volcanology in cooperation with the Kernahatas Balta University (KOI) and the Nishala of Volcanology and Bennicology (NO). In Perlopsivolva and the Kernahatas Balta University (KOI) and the Nishala of Volcanology and Bennicology (NO). Perlopsivolva every 2000 certury and on Goopy and Mahrovsky Volcanoes, scoth of Perloparivolva Hamchatas (Subsets explore and discuss the full range of phenomen hall constitutes contrasm, science gover of the best campies in the work! The course is colsupid at both the univergentiates and gealuate level by University of the Volcano Istaards Program, USSS, Prove Ubaldov of UAF are well as by contrasts.
Bilateral Cooperation on Black Carbon Emission in the Russian Arctic	kuklinski teresa@epa.gov	US Environmental Protection Agency		USA-Russia	Russia	Teresa Kuklinski		Under the Black Catabon Deea Mindake. We Environmental Protection Agency (EPA) is patreting with government agencies. US Arclic and Russian Hock, Russian and Arclas Handhoders, independent communities and categories regrups to assess develoante of back and sensitive and an and an anti-anti-anti-anti-anti-anti-anti-anti-
Arctic Contaminants Action Program (ACAP)		US Environmental Protection Agency		USA				EPA works in the Russian Article region through the Arctic Contaminante Action Program (ACAP) a program of the Arctic Council. As part of ACAP. For physics a leadership role in the Black. Cation and Stork Livel Climate Forces Priords Elsening (Forcy IGESCFFSC), through which EPA works on the reduction of black cation from deset sources in the Russian Arctic. In addition, EPA also works to reduce mercury use and exposure in the Russian Arctic through the Meurary Priord Stering (Goux, and works to induce mercury used exposure in the Russian Arctic through the Meurary Priord Stering (Goux, and works to improve environmental and public health conditions of indigenous peoples in the Russian Arctic through the Indigenous Peoples Contaminants Action Program Priord Stering Goux).
National Plan of Action for the Protection of the Arctic Marine Environment	2	US Environmental Protection Agency		USA				EPA is avoing with the United Nations Environment Program (UMEP) and the Osbat Environment Ratify (GEP) on the UMEPPER project, "Russian Federation - Support to the National Plan of Action for the Protection of the Arcitic Marie Environment." This project has resulted in the development of the Stategic Action Programme (SAP). The fait integrated programmatic document on the protection of the Arcit native environment in Planas in TS-BS Stategic by the Nasian Martine Baut, established provinses for