

NSSI Scenarios GIS Data Catalog

Project: Prioritizing Science Needs Through Participatory Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas

This data catalog specifies the name of the source dataset or analysis product, the layer name, the year produced (when it is known), the type of dataset and a brief description of the layer. The archival directory is also indicated and corresponds to the Catalog download for data (<http://catalog.northslope.org/catalog/entries/8303>) or analysis product (<http://catalog.northslope.org/catalog/entries/8304>).

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Administrative Boundaries						
General Land Status	BASE_GeneralLandStatus_DNR_2014	2014	U.S. Dept. of the Interior, Bureau of Land Management Alaska Department of Natural Resources	Polygon feature class contains combined federal and state land ownership records at the PLSS section level for the State of Alaska.	Polygon	Basemaps.zip
General Admin Parcels	BASE_GeneralAdminParcels_2006	2006	Alaska Department of Natural Resources Bureau of Land Management US Fish & Wildlife National Park Service National Forest Service Alaska Department of Fish & Game	This dataset was generated to test the federal Cadastral Data Standards as well as improve the quality of the administrative large parcel boundaries. It can be used for mapping or analysis. This dataset was employed in the "Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas" project to give workshop participants a spatially informed general understanding of the administrative boundaries in the North Slope.	Polygon	Basemaps.zip
Native Alaskan Villages	BASE_NativeVillages_BLM_2013	2013	Bureau of Land Management (BLM)	A polygon feature dataset of the Native Alaskan owned land parcels on the North Slope, including those slated for development of oil, gas and mineral resource development.	Polygon	Basemaps.zip
Village Boundaries	BASE_VillageBoundaries_NSB_2013	2013	NSB Department of Planning & Community Services, Community Planning Division – GIS Services. P O Box 69, Barrow, AK 99723. 907-852-0333	A polygon feature layer of the North Slope Borough village boundaries for Atkasuk, Anaktuvuk Pass, Kaktovik, Nuiqsut, Point Hope, Point Lay	Polygon	Basemaps.zip
North Slope Boundary	BASE_NorthSlopeBoundary_BLM_2013	2013	NSB Department of Planning & Community Services, Community Planning Division – GIS Services. P O Box 69, Barrow, AK 99723. 907-852-0333	A polygon feature layer of the spatial extent of the North Slope Borough.	Polygon	Basemaps.zip
State Owned Oil and Gas Geographic Boundaries	BASE_NS_OilGasSaleBoundaries_ADNR_2008	2008	Alaska Department of Natural Resources	A polygon feature layer of the North Slope oil and gas lease boundaries that are administered by the state. This oil and gas resource boundary was employed in the "Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas" project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.	Polygon	Basemaps.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
ADNR Oil and Gas Lease Sale Tracts	BASE_NS_OilGasSaleTracts_ADNR_2008	2008	Alaska Department of Natural Resources	<p>A polygon feature layer of the North Slope oil and gas boundaries for lease sale tracts with state administered lease sale boundaries.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
ADNR Beaufort Sea Sale Boundary	BASE_BeaufortSeaSaleBoundaries_ADNR_2008	2008	Alaska Department of Natural Resources	<p>A polygon feature layer of the Beaufort Sea lease boundary administered by the state of Alaska</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
ADNR Beaufort Sea Sale Tracts	BASE_BeaufortSeaSaleTract_ADNR_2008	2008	Alaska Department of Natural Resources	<p>A polygon feature layer of the boundaries of the lease sale tracts in the Beaufort Sea administered by the state of Alaska.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
ADNR North Slope Foothills Boundaries	BASE_NorthSlopeFootHillBoundaries_ADNR_2008	2008	Alaska Department of Natural Resources	<p>A polygon feature layer of the North Slope foothills lease boundary administered by the state of Alaska.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
ADNR North Slope Foothills Oil and Gas Sale Tracts	BASE_NorthSlopeFootHillTracts_ADNR_2008	2008	Alaska Department of Natural Resources	<p>A polygon feature layer of the boundaries of the lease sale tracts in the North Slope foothills administered by the state of Alaska.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
BOEM Outer Continental Shelf Lease Areas	BASE_OCSFederalLeases_BOEM_2013	2013	Bureau of Ocean and Energy Management (BOEM)	<p>A polygon feature layer of the boundaries of Outer Continental Shelf lease areas administered by BOEM.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
BOEM Outer Continental Shelf Historical Lease Areas	BASE_OCSHistoricalFedLeases_BOEM_2013	2013	Bureau of Ocean and Energy Management (BOEM)	<p>This shapefile contains all the leases that have been issued in the Alaska OCS Region in the past.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
BOEM Outer Continental Shelf Active Lease Area	BASE_OCSActiveLeases_BOEM_2013	2013	Bureau of Ocean and Energy Management (BOEM)	<p>Represents the areas that are currently under lease. Does not include old leases that are relinquished or expired.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
BLM National Petroleum Reserve Boundary	BASE_NPRABoundary_BLM_2013	2013	Bureau of Land Management (BLM)	<p>Polygon dataset of the three planning areas within the National Petroleum Reserve - Alaska (NPRA). The three planning areas are Northeast, Northwest, and South. Planning has been conducted in these areas by BLM - Alaska since 1998.</p> <p>This oil and gas resource boundary was employed in the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
National Petroleum Reserve Tract Boundaries	BASE_NPRATracts_BLM_2013	2013	Bureau of Land Management (BLM)	<p>This dataset was constructed to provide a graphic depiction of the of the tracts that have been created, offered, or leased within the National Petroleum Reserve - Alaska.</p> <p>This oil and gas resource boundary was employed in the "Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas" project to give workshop participants a better understanding of the spatial extent of the oil and resource extraction industry, including the boundaries of land and waters that are administered by local, state, and federal entities for the purpose of oil, gas and mineral source development.</p>	Polygon	Basemaps.zip
Wildlife						
Bowhead Whale Fall Migration Areas	ECHO_BowWhaleFall_AA_2010	2010	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	The bowhead whale summer habitat represents the fall migration (September-November) areas of the bowhead whale. This dataset was developed by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas".	Polygon	Biological.zip
Bowhead Whale Spring Migration Areas	ECHO_BowWhaleSpring_AA_2010	2010	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	The bowhead whale Spring habitat represents the spring migration (March-June) areas of the bowhead whale. This dataset was developed by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas".	Polygon	Biological.zip
Bowhead Whale Summer Migration Areas	ECHO_BowWhaleSummer_AA_2010	2010	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	The bowhead whale summer habitat represents the summer migration (June-August) areas of the bowhead whale. This dataset was developed by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas".	Polygon	Biological.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Bowhead Whale Migration Paths	ECHO_BowWhaleMigrationLines_AA_2009	2009	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	Generalized line features of the direction of bowhead whale movements during the spring and fall migrations. Data created by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas".	Polygon	Biological.zip
Polar Bear Maternal Denning Areas	ECHO_PBMaternalDenning_NOAA_2013	2013	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	The dataset represents the spatial extent of concentrated maternal polar bear denning areas. Data created by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas".	Polygon	Biological.zip
Polar Bear Major Use Areas	ECHO_PBMajoruseareas_AA_2005	2005	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	This polygon feature dataset represents the spatial extent of 95% of the use area for polar bears in the Arctic. Data created by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas."	Polygon	Biological.zip
Polar Bear Denning Sites	ECHO_PBDenSites_USGS_2010	2001	Durner, G.M., Fischbach, A.S., Amstrup, S.C., and Douglas, D.C., 2010, Catalogue of polar bear (<i>Ursus maritimus</i>) maternal denning locations in the Beaufort Sea and neighboring regions, Alaska, 1910–2010: U.S. Geological Survey Data Series 568, 14 p.	Point feature dataset that includes 392 polar bear denning sites in the Beaufort Sea and neighboring regions between the years of 1910 and 2010.	Polygon	Biological.zip
USFWS Designated Critical Habitat Area for the Spectacled Eider	ECHO_SpectacledEiderCH_USFWS_2001	2001	Data accessed and obtained from the United States Fish and Wildlife Service	A polygon feature data set representative of the designated spectacled eider critical habitat in the Chukchi Sea.	Polygon	Biological.zip
Ringed Seal Adult Habitat Extent	ECHO_RingedSealAdult_AA_2010	2010	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	The data set represents the spatial extent of areas where there is a concentration of maternal polar bear denning areas. Data created by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas".	Polygon	Biological.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Walrus Migration Path	ECHO_WalrusMigrationLines_AA_1988	1988	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	Line feature data set represents the generalized migration pattern for the walrus in the North Slope. Data create by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas."	Polygon	Biological.zip
Walrus Adult Use Areas	ECHO_WalrusAdultAreas_AA_1988	1988	Data obtained from the Alaska Ocean Observing System (AOOS) online data portal. Original source of the data: Smith, M.A. 2010. Arctic Marine Synthesis: Atlas of the Chukchi and Beaufort Seas. Audubon Alaska and Oceana: Anchorage	A polygon feature data set that represents the spatial distribution of the walrus in the North Slope. Data create by Audubon Alaska for the "Arctic Marine Synthesis: Atlas of Chukchi and Beaufort Seas."	Polygon	Biological.zip
Spectacled Eider Population Density	ECHO_SpectacledEiderDensi_USFWS_2012	2012	Waterfowl Branch, Migratory Bird Management, U.S. Fish and Wildlife Service, Region 7, Anchorage Alaska	A polygon feature data set that represents relative spectacled eider densities based on the number of birds observed per square kilometer in the ACP Survey conducted by USFWS.	Polygon	Biological.zip
Bearded Seal Habitat Extent	ECHO_BeardedSeal_NOAA_2010	2010	Cameron, M. F., J. L. Bengtson, P. L. Boveng, J. K. Jansen, B. P. Kelly, S. P. Dahle, E. A. Logerwell, J. E. Overland, C. L. Sabine, G. T. Waring, and J. M. Wilder. 2010. Status review of the bearded seal (<i>Erignathus barbatus</i>). U.S. Department of Commerce, NOAA Technical Memorandum NMFS-AFSC-211. 246 p.	A polygon feature data set that represents the spatial distribution of the bearded seal on the North Slope. Data created by the Alaska Fisheries Science Center.	Polygon	Biological.zip
Ribbon Seal Habitat Extent	ECHO_RibbonSeal_NOAA_2010	2010	Boveng, P. L., J. L. Bengtson, M. F. Cameron, S. P. Dahle, E. A. Logerwell, J. M. London, J. E. Overland, J. T. Sterling, D. E. Stevenson, B. L. Taylor, and H. L. Ziel. 2013. Status review of the ribbon seal (<i>Histiophoca fasciata</i>). U.S. Department of Commerce, NOAA Technical Memorandum NMFS-AFSC-255. 175 p.	A polygon feature data set that represents the spatial distribution of the ribbon seal on the North Slope. Data created by the Alaska Fisheries Science Center.	Polygon	Biological.zip

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Spotted Seal Habitat Extent	ECHO_SpottedSeal_NOAA_2010	2010	Kelly, B. P., J. L. Bengtson, P. L. Boveng, M. F. Cameron, S. P. Dahle, J. K. Jansen, E. A. Logerwell, J. E. Overland, C. L. Sabine, G. T. Waring, and J. M. Wilder. 2010. Status review of the spotted seal (<i>Phoca largha</i>). U.S. Department of Commerce, NOAA Technical Memorandum NMFS-AFSC-200. 153 p.	A polygon feature data set that represents the spatial distribution of the spotted seal in the North Slope. Data created by the Alaska Fisheries Science Center.	Polygon	Biological.zip
Spectacled Eider Migration Areas	ECHO_SpectacledEiderMigrating_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer of the migration habitat areas for the spectacled eider. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Spectacled Eider Nesting Areas	ECHO_SpectacledEiderNesting_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer of the nesting habitat areas for the spectacled eider. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Spectacled Eider Molting Areas	ECHO_SpectacledEiderMolting_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer of the molting habitat areas for the spectacled eider. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Steller's Eider Nesting Areas	ECHO_StellersEiderNesting_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer of the nesting habitat areas for Steller's eider. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Steller's Eider Migration Areas	ECHO_StellersEiderMigrating_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer of the migrating habitat areas for Steller's eider. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Marine Mammal Habitat Areas	ECHO_MarineMammalHabitatAreas_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer representing a composite of marine mammal habitat areas for the North Slope. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Terrestrial Mammal Habitat Areas	ECHO_TerrestrialMammalHabitatArea_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer representing a composite of terrestrial mammal habitat areas for the North Slope. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Wildfowl Habitat Areas	ECHO_WildfowlHabitatAreas_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer representing a composite of wildfowl habitat areas for the North Slope. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Fish Habitat Areas	ECHO_FishHabitat_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A polygon feature layer representing a composite of marine mammals habitat areas for the North Slope. Data created by NOAA for the Environmental Sensitivity Index Database.	Polygon	Biological.zip
Anadromous Rivers	ECHO_AnadromousRivers_NOAA_2005	2005	Extracted from NOAA's Environmental Sensitivity Index relational database. 2010.	A line feature dataset representing anadromous rivers in the North Slope study region.	Polygon	Biological.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Central Herd Caribou Habitat Extent	ECHO_CentralCaribouRange_BLM_2014	2014	Data created by the Bureau of Land Management, 2014 (Unverified Source)	A polygon feature dataset created from raster data that was developed for the BLM Rapid Ecoregional Assessment for the North Slope and represents the total annual range of the Central Arctic caribou herd for the North Slope.	Polygon	Biological.zip
Teshekpuk Herd Caribou Habitat Extent	ECHO_TeshekpukCaribouRange_BLM_2014	2014	Data created by the Bureau of Land Management, 2014 (Unverified Source)	A polygon feature dataset created from raster data that was developed for the BLM Rapid Ecoregional Assessment for the North Slope and represents the total annual range of the Teshekpuk caribou herd for the North Slope.	Polygon	Biological.zip
Subsistence Areas						
BOEM Subsistence Use Areas for Barrow, Nuiqsut and Kaktovik	ECON_10yearSubsCombined_BOEM_2007	2007	Bureau of Ocean and Energy Management (BOEM)	A large single polygon that represents the combined subsistence use areas for Barrow, Nuiqsut and Kaktovik.	Polygon	Subsistence.zip
BLM Subsistence Use Areas	ECON_SubsistenceNorthSlope_BLM_1979	1979	Bureau of Land Management (BLM)	Dataset displays subsistence use areas for 8 communities of Alaska's North Slope - Wainwright, Barrow, Anaktuvuk Pass, Atkasuk, Barter Island, Nuiqsut, Point Hope and Point Lay.	Polygon	Subsistence.zip
Bowhead Whale Hunting Areas	ECON_BWhaleHuntAreas_AA_2010	2010	Audubon Alaska	Part of Audubon Alaska's Arctic Marine Synthesis, this polygon feature dataset was extracted from the bowhead whale distribution data layer that can found in the AAOS open data portal. The dataset represents village hunting areas for the North Slope.	Polygon	Subsistence.zip
Infrastructure						
Existing Oil and Gas Infrastructure	INFR_ExistingOGInfra_ACE_2003	2003	Audubon Alaska and Alaska Center for the Environment. 2014. Existing, Planned, and Proposed Infrastructure of Northern Alaska. GIS Dataset. Audubon Alaska, Anchorage, AK.	Existing oil and resource infrastructure dataset includes resource extraction infrastructure from 1968-2001. This data set includes primary and secondary pipelines, production pads, airfields, support facilities, main roads, docks and primary and secondary roads..	Polygon	Basemaps.zip
Planned Oil and Gas Infrastructure	INFR_PlannedOGInfra_ACE_2014	2014	Audubon Alaska and Alaska Center for the Environment. 2014. Existing, Planned, and Proposed Infrastructure of Northern Alaska. GIS Dataset. Audubon Alaska, Anchorage, AK.	The planned resource extraction infrastructure dataset includes planned infrastructure derived from multiple data sources. It includes attribute information such as planned road and pipelines, ice roads, water injection lines, and potential lines.	Polygon	Basemaps.zip
Oil and Gas Well Locations	INFR_OilandGasWellLocations_AOGCC_2013	2013	Audubon Alaska and Alaska Center for the Environment. 2014. Existing, Planned, and Proposed Infrastructure of Northern Alaska. GIS Dataset. Audubon Alaska, Anchorage, AK.	Oil and gas well data was extracted from the Alaska Oil and Gas Conservation Commission (AOGCC) on October 2013. The point feature dataset contains over 8,000 record of active and historical oil and gas wells on the North Slope.	Polygon	Basemaps.zip
Environmental						
Shoreline Sensitivity Index	ECHO_ShorelineSensitivityIndex_NOAA_2005	2005	National Oceanic and Atmospheric Administration (NOAA)	Environmental Sensitivity Index (ESI) maps use shoreline rankings to rate how sensitive an area of shoreline would be to an oil spill.	Polygon	Physical.zip
Exposed Coastline	ECHO_ExposedCoastline_USGS_2015	2015	United States Geological Survey	This dataset includes shorelines ranging from 1947 to 2012 for the north coast of Alaska between the U.S.-Canadian Border and Icy Cape. Shorelines were compiled from T-sheets (National Oceanic and Atmospheric Administration), aerial orthophotographs (U.S. Geological Survey, ConocoPhillips and BP-Alaska), QuickBird satellite imagery (U.S. Fish and Wildlife Service), and LIDAR (U.S. Geological Survey).	Polygon	Physical.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Sheltered Coastline	ECHO_ShelteredCoastline_USGS_2015	2015	United States Geological Survey	This dataset includes shorelines ranging from 1947 to 2012 for the north coast of Alaska between the U.S.-Canadian Border and Icy Cape. Shorelines were compiled from T-sheets (National Oceanic and Atmospheric Administration), aerial orthophotographs (U.S. Geological Survey, ConocoPhillips and BP-Alaska), QuickBird satellite imagery (U.S. Fish and Wildlife Service), and LIDAR (U.S. Geological Survey).	Polygon	Physical.zip
	ECHO_WaterBodies_USGS_2015	2015	United States Geological Survey		Polygon	WaterBodies.zip
	ECHO_DeepConnectedLakes_AKNHP_2105	2015	Alaska Natural Heritage Program		Polygon	Physical.zip
	ECHO_NoDepthDataConnectedLakes_AKNHP_2015	2015	Alaska Natural Heritage Program		Polygon	Physical.zip
	ECHO_ShallowConnectedLakes_AKNHP_2015	2015	Alaska Natural Heritage Program		Polygon	Physical.zip
	ECHO_WatershedBoundaryNorthSlope_USGS_2015	2015	United States Geological Survey		Polygon	Physical.zip
	ECHO_LargeStreams_AKNHP_2015	2015	Alaska Natural Heritage Program		Polygon	Physical.zip
	ECHO_SmallStreams_AKNHP_2015	2015	Alaska Natural Heritage Program		Polygon	SmallStreams.zip
Thermokarst Formations	ECHO_Thermokarstformations_ALCC_2005	2005	Arctic Landscape Conservation Cooperative	A new permafrost map of Alaska using a terrain-unit approach for mapping permafrost distribution and based on climate and surficial geology was presented in conjunction with the Ninth International Conference on Permafrost held at the University of Alaska, June 29 to July 3, 2008. This map represents the final revisions that were made in December 2008. This is the third iteration of a permafrost map for Alaska, following the circum-arctic permafrost map (Brown et al. 1997), which made minor modifications to the initial map by Ferrians (1965). Permafrost zones underlie 80% of Alaska, including continuous (32%), discontinuous (31%), sporadic (8%), and isolated (10%) permafrost. Glaciers and ice sheets occupy 4% of the area. We coded the permafrost map with surficial geology, MAAT, primary soil texture, permafrost extent, ground ice volume, and primary thermokarst landforms.	Polygon	Physical.zip
Thermokarst Predisposition Model	ECHO_PredispositionModel_USGS_UAF_2014	2014	Yujin Zhang, A. David McGuire, Helene Genet, W. Robert Bolton, Vladimir Romanovsky, Guido Grosse, Torre Jorgenson, Mark Lara, Jennifer K. Roach and Vijay Patil Institute of Arctic Biology, U. of Alaska Fairbanks; U.S. Geological Survey, U. of Alaska Fairbanks, International Arctic Research Center, U. of Alaska Fairbanks; Geophysical Institute, U. of Alaska Fairbanks; Alaska Ecoscience, Fairbanks, Alaska.	The thermokarst predisposition model feature dataset was used for the “Scenarios for Energy and Resource Development on the North Slope and Adjacent Seas” project to give workshop participant a better understanding of the predisposition of the North Slope region to thermokarst formation. The dataset was used in the implication analysis of the participant identified implication areas and to give participants the ability to make spatially informed decisions in regard to research and monitoring on the North Slope relative to the implications associated with themokarst formation.	Polygon	Physical.zip
Digitization - Workshop 1						

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
High Development Scenario Line Features	BASE_HighDevelopmentLineFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The High development line feature dataset contains plausible resource extraction development features given a High Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
Medium Development Scenario Line Features	BASE_MediumLineFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The Medium development line feature dataset contains plausible resource extraction development features given a Medium Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
Low Development Scenario Line Features	BASE_LowLineFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The Low development line feature dataset contains plausible resource extraction development features given a Low Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
High Development Scenario Point Features	BASE_HighPointFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The High development point feature dataset contains plausible resource extraction development features given a High Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
Medium Development Scenario Point Features	BASE_MediumPointFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The Medium development point feature dataset contains plausible resource extraction development features given a Medium Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
High Development Scenario Polygon Features	BASE_HighPolygonFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The High development polygon feature dataset contains plausible resource extraction development features given a High Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
Medium Development Scenario Polygon Features	BASE_MediumPolygonFeatures_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 1. The Medium development line feature dataset contains plausible resource extraction development features given a High Development Scenario for the resource extraction industry in the North Slope.	Polygon	Analysis.zip
Rectified High Development Scenario Line Features	BASE_RectifiedGroupA_HighLines_GA_2014	2014	GeoAdaptive	Rectified version of the High Development Scenario linework digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip
Rectified High Development Scenario Point Features	BASE_RectifiedGroupA_HighPoints_GA_2014	2014	GeoAdaptive	Rectified version of the High Development Scenario point data digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip
Rectified High Development Scenario Polygon Features	BASE_RectifiedGroupA_HighPolygons_GA_2014	2014	GeoAdaptive	Rectified version of the High Development Scenario polygon data digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip
Rectified Medium Development Scenario Line Features	BASE_RectifiedGroupA_MediumLines_GA_2014	2014	GeoAdaptive	Rectified version of the Medium Development Scenario linework digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip
Rectified Medium Development Scenario Point Features	BASE_RectifiedGroupA_MediumPoints_GA_2014	2014	GeoAdaptive	Rectified version of the Medium Development Scenario point data digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip
Rectified Medium Development Scenario Polygon Features	BASE_RectifiedGroupA_MediumPolygons_GA_2014	2014	GeoAdaptive	Rectified version of the Medium Development Scenario polygon data digitized from the mapping exercises in Workshop 1. Alignment of features was adjusted based on available project documents for identified developments.	Polygon	Analysis.zip

Digitization- Workshop 2

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
High Development Scenario Community Culture Point Features	BASE_High_CommunityCulture_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The community culture point features drawn by workshop participants represent areas where participants expect community culture implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Demographic Point features	BASE_High_Demographics_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The community culture point features drawn by workshop participants represent areas where participants expect demographic implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Erosion Polygon Features	BASE_High_Erosion_Polygon_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion implication boundaries drawn in the workshop represent areas where participants expect implication as a result of erosion under the High Development Scenario.	Polygon	Analysis.zip
High Development Scenario ESA-Listed Species Polygon Features	BASE_High_ESASpecies_Polygon_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The Endangered Species Act(ESA) implication boundaries drawn in the workshop represent areas where participants expect implication as a result of Endangered Species Act (ESA) listed species under the High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Health and Safety Point Features	BASE_High_HealthSafety_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The health and safety point features drawn by workshop participants represent areas where participants expect health and safety implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Hunting and Trapping Line Features	BASE_High_HuntingTrapping_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping implication line features drawn in the workshop represent areas where participants expect hunting and trapping (on land) implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Hunting and Trapping Point Features	BASE_High_HuntingTrapping_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping point features drawn by workshop participants represent areas where participants expect hunting and trapping implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Hunting and Trapping Polygon Features	BASE_High_HuntingTrapping_Polygon_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping implication boundaries drawn in the workshop represent areas where participants expect implications a result of hunting and trapping under the High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Hydrology Point Features	BASE_High_Hydrology_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hydrology point features drawn by workshop participants represent areas where participants expect hydrological implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Hydrology Polygon Features	BASE_High_Hydrology_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hydrology implication boundaries drawn in the workshop represent areas where participants expect hydrological implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Marine Mammals - Subsistence Line Features	BASE_High_MarineMammals_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammals implication line features drawn in the workshop represent areas where participants expect marine mammal - subsistence implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenarios Marine Mammals - Subsistence Point Features	BASE_High_MarineMammals_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammal point features drawn by workshop participants represent areas where participants expect marine mammal - subsistence implications as a result of a High Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
High Development Marine Mammals - Subsistence Polygon Features	BASE_High_MarineMammals_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammal implication boundaries drawn in the workshop represent areas where participants expect marine mammal - subsistence implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Marine Oil Spill Line Features	BASE_High_MarineOilSpill_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill implication line features drawn in the workshop represent areas where participants expect marine mammals - subsistence implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Marine Oil Spill Point Features	BASE_High_MarineOilSpill_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill point features drawn by workshop participants represent areas where participants expect marine oil spill implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Marine Oil Spill Polygon Features	BASE_High_MarineOilSpill_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill implication boundaries drawn in the workshop represent areas where participants expect hydrological implication under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Migratory Birds Polygon Features	BASE_High_MigratoryBirds_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The migratory bird implication boundaries drawn in the workshop represent areas where participants expect migratory bird implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Oil and Gas Revenue and Employment Point Features	BASE_High_OilGasRevEmployment_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The oil and gas industry revenue and employment point features drawn by workshop participants represent areas where participants expect oil and gas industry revenue and employment implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Oil and Gas Revenue and Employment Polygon Features	BASE_High_OilGasRevEmployment_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The oil and gas industry revenue and employment implication boundaries drawn in the workshop represent areas where participants expect oil and gas industry revenue and employment implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Permafrost Line Features	BASE_High_Permafrost_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The permafrost implication line features drawn in the workshop represent areas where participants expect permafrost implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Permafrost Point Features	BASE_High_Permafrost_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The permafrost point features drawn by workshop participants represent areas where participants expect permafrost implications as a result of a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Permafrost Polygon Feature	BASE_High_Permafrost_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The permafrost implication boundaries drawn in the workshop represent areas where participants expect permafrost implications under a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Sea Ice Polygon Features	BASE_High_Sealce_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The sea ice implication boundaries drawn in the workshop represent areas where participants expect sea ice implications under a High Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Alternative Energy Revenue and Employment Point Features	BASE_Low_AltEnergyRevEmploy_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The alternative energy revenue and employment point features drawn by workshop participants represent areas where participants expect alternative energy revenue and employment implications as a result of a Low Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Low Development Scenario Community Culture Point Feature Dataset	BASE_Low_CommunityCulture_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The community culture point features drawn by workshop participants represent areas where participants expect community culture implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Decommissioning and Reclamation of Infrastructure Polygon Features	BASE_Low_DecommissReclamation_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The decommissioning and reclamation of oil and gas industry infrastructure implication boundaries drawn in the workshop represent areas where participants expect decommissioning and reclamation of oil and gas industry infrastructure implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Demographics Point Features	BASE_Low_Demographics_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The demographics point features drawn by workshop participants represent areas where participants expect demographic implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Erosion Line Features	BASE_Low_Erosion_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion implication line features drawn in the workshop represent areas where participants expect erosion implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Erosion Point Features	BASE_Low_Erosion_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion point features drawn by workshop participants represent areas where participants expect erosion implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Erosion Polygon Features	BASE_Low_Erosion_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion implication boundaries drawn in the workshop represent areas where participants expect erosion implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario ESA-Listed Species Polygon Features	BASE_Low_ESASpecies_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The Endangered Species Act(ESA) implication boundaries drawn in the workshop represent areas where participants expect Endangered Species Act (ESA) listed species implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Fishing Line Features	BASE_Low_Fishing_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The fishing implication line features drawn in the workshop represent areas where participants expect fishing implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Fishing Point Features	BASE_Low_Fishing_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The fishing point features drawn by workshop participants represent areas where participants expect fishing implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Fishing Polygon Features	BASE_Low_Fishing_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The fishing implication boundaries drawn in the workshop represent areas where participants expect fish implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Health and Safety Point Features	BASE_Low_HealthSafety_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The health and safety point features drawn by workshop participants represent areas where participants expect health and safety implications as a result of a Low Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Low Development Scenario Hunting and Trapping Point Features	BASE_Low_HuntingTrapping_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping point features drawn by workshop participants represent areas where participants expect hunting and trapping implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Hunting and Trapping Polygon Features	BASE_Low_HuntingTrapping_Polygon_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping implication boundaries drawn in the workshop represent areas where participants expect hunting and trapping implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Marine Mammals - Subsistence Point Features	BASE_Low_MarineMammals_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammals point features drawn by workshop participants represent areas where participants expect marine mammal - subsistence implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Marine Mammals - Subsistence Polygon Features	BASE_Low_MarineMammals_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammals implication boundaries drawn in the workshop represent areas where participants expect marine mammal - subsistence implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Migratory Birds Polygon Features	BASE_Low_MigratoryBirds_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The migratory bird implication boundaries drawn in the workshop represent areas where participants expect migratory bird implications under a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Oil and Gas Revenue Employment Point Features	BASE_Low_OilGasRevEmployment_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The oil and gas revenue and employment point features drawn by workshop participants represent areas where participants expect oil and gas industry revenue and employment implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Tribal Government Primacy Point Features	BASE_Low_PrimacyTribalGov_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The tribal government primacy point features drawn by workshop participants represent areas where participants expect tribal government primacy implications as a result of a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario State and Local Tax Polygon Features	BASE_Low_StateLocalTaxes_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The state and local tax implication boundaries drawn in the workshop represent areas where participants expect state and local tax implications under a Low Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Community Culture Point Features	BASE_Med_CommunityCulture_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The community culture point features drawn by workshop participants represent areas where participants expect community culture implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Erosion Line Features	BASE_Med_Erosion_Line_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion implication line features drawn in the workshop represent areas where participants expect erosion implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario ESA Listed Species Polygon Features	BASE_Med_ESASpecies_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The Endangered Species Act(ESA) implication boundaries drawn in the workshop represent areas where participants expect Endangered Species Act (ESA) listed species implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Health and Safety Point Features	BASE_Med_HealthSafety_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The health and safety point features drawn by workshop participants represent areas where participants expect health and safety implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Health and Safety Polygon Features	BASE_Med_HealthSafety_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The health and safety implication boundaries drawn in the workshop represent areas where participants expect health and safety implications under a Medium Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Medium Development Scenario Hunting and Trapping Point Features	BASE_Med_HuntingTrapping_Point_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping culture point features drawn by workshop participants represent areas where participants expect hunting and trapping implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Hunting and Trapping Polygon Features	BASE_Med_HuntingTrapping_Poly_GA_2014.shp	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The hunting and trapping implication boundaries drawn in the workshop represent areas where participants expect hunting and trapping implication under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Marine Mammals - Subsistence Point Features	BASE_Med_MarineMammals_Point_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine mammals point features drawn by workshop participants represent areas where participants expect marine mammals - subsistence implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Marine Mammals - Subsistence Polygon Features	BASE_Med_MarineMammals_Poly_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The erosion implication boundaries drawn in the workshop represent areas where participants expect marine mammals - subsistence implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Marine Oil Spill Line Features	BASE_Med_MarineOilSpill_Line_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill implication line features drawn in the workshop represent areas where participants expect marine oil spill implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Marine Oil Spill Point Features	BASE_Med_MarineOilSpill_Point_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill point features drawn by workshop participants represent areas where participants expect marine oil spill implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Marine Oil Spill Polygon Features	BASE_Med_MarineOilSpill_Poly_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The marine oil spill implication boundaries drawn in the workshop represent areas where participants expect marine oil spill implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Oil and Gas Revenue and Employment Point Features	BASE_Med_OilGasRevEmployment_Point_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The oil and gas revenue and employment point features drawn by workshop participants represent areas where participants expect oil and gas industry revenue and employment implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Permafrost Point Features	BASE_Med_Permafrost_Point_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The permafrost point features drawn by workshop participants represent areas where participants expect permafrost implications as a result of a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Permafrost Polygon Features	BASE_Med_Permafrost_Poly_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The permafrost implication boundaries drawn in the workshop represent areas where participants expect hydrological implication under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Sea Ice Line Features	BASE_Med_Sealce_Line_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The sea ice implication line features drawn in the workshop represent areas where participants expect sea ice implications under a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Sea Ice Polygon Features	BASE_Med_Sealce_Poly_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 2. The sea ice implication boundaries drawn in the workshop represent areas where participants expect hydrological implication under a Medium Development Scenario.	Polygon	Analysis.zip
Digitization - Workshop 3						
High Development Scenario Current Research and Monitoring Efforts Relative to Erosion	BASE_High_C_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any erosion implication that might take place given a High Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
High Development Scenario Current Research and Monitoring Efforts Relative to ESA-Listed Species	BASE_High_C_RM_ESA_Species_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any Endangered Species Act (ESA) listed species implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Current Research and Monitoring Efforts Relative to Hydrology	BASE_High_C_RM_Hydrology_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any hydrological implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Current Research and Monitoring Efforts Relative to Marine Mammals - Subsistence	BASE_High_C_RM_MarineMammals_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any marine mammal - subsistence implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Current Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_High_C_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any marine oil spill implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Current Research and Monitoring Efforts Relative to Erosion	BASE_Medium_C_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any erosion implications that might take place given a Medium Development Scenario	Polygon	Analysis.zip
Medium Development Scenario Current Research and Monitoring Efforts Relative to ESA-Listed Species	BASE_Medium_C_RM_ESASpecies_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any Endangered Species Act (ESA) listed species implications that might take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Current Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_Medium_C_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any marine oil spill implications that might take place given a Medium Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Current Research and Monitoring Efforts Relative to Decommissioning and Reclamation of Infrastructure	BASE_Low_C_RM_DecoReclInfra_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any decommissioning and reclamation of infrastructure implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Current Research and Monitoring Efforts Relative to Erosion	BASE_Low_C_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any erosion implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Current Research and Monitoring Efforts Relative to Hydrology	BASE_Low_C_RM_Hydrology_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any hydrological implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Current Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_Low_C_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents the spatial extent of current research and monitoring efforts as they relate to any marine oil spill implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
High Development Scenario Future Research And Monitoring Efforts Relative to Erosion	BASE_High_F_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to erosion implications that might take place given a High Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
High Development Scenario Future Research and Monitoring Efforts Relative to ESA-Listed Species	BASE_High_F_RM_ESASpecies_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to Endangered Species Act (ESA) listed species implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Future Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_High_F_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to marine oil spill implications that might take place given a High Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Future Research and Monitoring Efforts Relative to Erosion	BASE_Medium_F_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to the erosion implications that might take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Future Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_Medium_F_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to marine oil spill implications that might take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Future Research and Monitoring Efforts Relative to ESA-Listed Species	BASE_Medium_F_RM_ESASpecies_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to the erosion implications that might take place given a Medium Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Future Research and Monitoring Efforts Relative to the Decommissioning and Reclamation of Infrastructure	BASE_Low_F_RM_DecoReclInfra_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to the decommissioning and reclamation of resource extraction infrastructure implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Future Research and Monitoring Efforts Relative to Erosion	BASE_Low_F_RM_Erosion_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to Endangered Species Act (ESA) listed species implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Marine Oil Spill Research and Monitoring Efforts Relative to Marine Oil Spills	BASE_Low_F_RM_MarineOilSpill_GA_2014	2014	GeoAdaptive	Digitized from the mapping exercises in Workshop 3. This polygon feature dataset represents what workshop participants believe the future spatial extent of research and monitoring efforts should be as they relate to marine oil spill implications that might take place given a Low Development Scenario.	Polygon	Analysis.zip
Analysis - Workshop 1						
Level of Agreement Gas and Pipeline Infrastructure	BASE_High_GasPipeAgreement.tif	2014	GeoAdaptive	This raster dataset was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 1. The raster represents the level of agreement between the spatial extent of resource extraction infrastructure that participants anticipated would occur given a high level of resource extraction development in the North Slope.	Raster	Analysis.zip
Level of Agreement Oil Pipeline Infrastructure	BASE_High_OilPipelineAgreement.tif	2014	GeoAdaptive	This raster dataset was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 1. The raster represents the level of agreement between the spatial extent of resource extraction infrastructure that participants anticipated would occur given a high level of resource extraction development in the North Slope.	Raster	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Level of Agreement Road Infrastructure	BASE_High_RoadAgreement.tif	2014	GeoAdaptive	This raster dataset was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 1. The raster represents the level of agreement between the spatial extent of resource extraction infrastructure that participants anticipated would occur given a high level of resource extraction development in the North Slope.	Raster	Analysis.zip
Level of Agreement Shipping Activity	BASE_High_ShippingAgreement.tif	2014	GeoAdaptive	This raster dataset was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 1. The raster represents the level of agreement between the spatial extent of resource extraction infrastructure that participants anticipated would occur given a high level of resource extraction development in the North Slope.	Raster	Analysis.zip
Analysis - Workshop 2						
High Development Scenario Level of Agreement for ESA-Listed Species	BASE_High_ESASpeciesAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected ESA-listed species implications to take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Level of Agreement for Hunting and Trapping	BASE_High_HuntingandTrappingAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected hunting and trapping implications to take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Level of Agreement for Hydrology	BASE_High_HydrologyAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected hydrology implications to take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Level of Agreement for Marine Mammals - Subsistence	BASE_High_MarineMammalAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected marine mammals - subsistence implications to take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Level of Agreement for Marine Oil Spills	BASE_High_MarineOilSpillAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected marine oil spill implications to take place given a High Development Scenario.	Polygon	Analysis.zip
High Development Scenario Level of Agreement for Sea Ice	BASE_High_SealceAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected sea ice implications to take place given a High Development Scenario.	Polygon	Analysis.zip
Low Development Scenario Level of Agreement for Marine Mammals	BASE_Low_MarineMammalAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected marine mammal - subsistence implications to take place given a Low Development Scenario.	Polygon	Analysis.zip

Name of Dataset	Name of the Layer	Year	Source	Summary	Type	Archive
Low Development Scenario Level of Agreement for Migratory Birds	BASE_Low_MigratoryBirdAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected migratory bird implications to take place given a Low Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Level of Agreement for ESA-Listed Species	BASE_Medium_ESASpeciesAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected ESA listed species implications to take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Level of Agreement for Marine Mammals - Subsistence	BASE_Medium_MarineMammalAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected marine mammal - subsistence implications to take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Level of Agreement for Marine Oil Spill	BASE_Medium_MarineOilSpillAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected marine oil spill implications to take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Level of Agreement for Permafrost	BASE_Medium_PermafrostAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected permafrost implications to take place given a Medium Development Scenario.	Polygon	Analysis.zip
Medium Development Scenario Level of Agreement for Sea Ice	BASE_Medium_SealceAgreement.shp	2014	GeoAdaptive	This polygon feature was created using workshop participant generated data from the North Slope Science Initiative (NSSI) Scenarios Project during Workshop 2. The polygon feature represents the spatial extent of the highest level of agreement among groups of where they expected sea ice implications to take place given a Medium Development Scenario.	Polygon	Analysis.zip