

<b>Funding Year</b>	<b>#</b>	<b>Title</b>	<b>Principal Investigators</b>	<b>Status</b>
2006	1	Mapping Long Term Equilibrium Impacts of Fishing and Evaluation of Impacts of Fishing on Fish Condition, Fish Distribution, and Fish Diet	Aydin, Grieg, Hermann, Hollowed, Ianelli, Rose, Spencer, Stockhausen, Wilderbuer	Complete
2006	2	Modify trawls to reduce fishing impacts / Better characterize fishing's footprint (Met 2006 priority of "fishing gear impacts to reduce impacts of fishing")	Rose	Complete
2006	3	Assessment of critical habitats for juvenile Pacific cod	Stoner, Laurel, Hurst, Abookire, Ryer	Complete
2006	5	Habitat effects on growth and condition of northern rock sole	Hurst, Abookire, Heintz, Short	Complete
2006	8	Essential Fish Habitat Requirements For Skate Nurseries	Hoff	Complete
2006	11	Convene a workshop to plan for the development of a habitat data inventory system for the AFSC	Heifetz, McConnaughey, Olson	Complete
2006	12	Essential Fish Habitat - Overwinter habitat use and energy dynamics of juvenile capelin, eulachon, and Pacific herring	Vollenweider, Hudson, Heintz	Complete
2006	14	Juvenile Rockfish Habitat Utilization	Malecha	Complete
2006	16	Nearshore Essential Fish Habitat-Seasonal Fish Use, Mapping, GIS Database	Johnson, Thedinga, Lindeberg, Harris	Complete
2006	18	Food habits and small scale habitat utilization of Atka mackerel in the Aleutian Islands, Alaska	Lowe	Complete
2006	20	Log transfer facilities	Miller, Shaw, Rice, Hudson	Complete
2007	2	Habitat effects on growth and condition of northern rock sole	Hurst, Abookire, Heintz	Complete
2007	5	Habitat Specific Production of Pacific Ocean Perch in the Aleutian Islands	Rooper, Heintz	Complete
2007	6	Recovery of a sessile invertebrate of the Bering Sea shelf from trawling	Rose	Complete
2007	7	Temporal dynamics of habitat use in juvenile Pacific cod	Stoner, Laurel, Knoth, Ryer, Hurst	Complete
2007	9	Mapping and Fish Utilization of Coastal Habitats Vulnerable to Disturbance from Development and Climate Change	Johnson, Thedinga, Lindeberg, Harris	Complete
2007	10	Juvenile Pacific ocean perch habitat utilization	Malecha, Gray, Lunsford	Incomplete

2007	12	Habitat Influence on Rearing Condition and Overwinter Survival of Juvenile Capelin ( <i>Mallotus villosus</i> )	Vollenweider, Hudson, Heintz, Calvert	Complete
2007	11A	Biological parameters to estimate the recovery of disturbed benthic habitat in Alaska, study A: Coral growth	Stone, Andrews, Lehnert, France	Complete
2007	11C	Biological parameters to estimate the recovery of disturbed benthic habitat in Alaska, study C: Coral genetics	Stone, Andrews, Lehnert, France	Complete
2008	1	Nearshore Fish and Habitat Assessment	Johnson, Thedinga, Lindeberg, Harris	Complete
2008	2	Productivity, habitat utilization and recruitment dynamics of Pacific cod	Laurel, Ryer, Stoner, Knoth, Urban	Complete
2008	3	Contrasting predation intensity and distribution in 2 rock sole nursery areas	Ryer, Laurel	Complete
2008	4	Physical and temporal aspects of pollock spawning habitat utilization	Bailey, Chan	Complete
2008	5	Habitat characterization and utilization of early benthic phase red king crab	Persselin, Stoner, Foy, Eckert	Complete
2008	6	Habitat Influence on Rearing Condition and Overwinter Survival of Juvenile Capelin	Vollenweider, Hudson, Heintz, Calvert	Complete
2008	7	Rockfish abundance and diurnal habitat associations on isolated rocky habitat in the eastern Bering Sea	Hoff, Rooper	Complete
2008	8	Characterization of Benthic Infauna Community for Modeling Essential Fish Habitat in the Eastern Bering Sea	Yeung, Yang, McConnaughey	Complete
2008	9	Juvenile slope rockfish habitat distribution	Malecha, Gray, Lunsford, Clausen	Incomplete
2009	1	Recovery of deep water sponges and sea whips from bottom trawling	Malecha, Heifetz	Complete
2009	2	Invertebrate colonization of PMEL moorings	Zimmermann, Floering, Van Syoc, Stabeno	Complete
2009	3	Recruitment and response to damage of an Alaskan gorgonian coral	Malecha, Stone	Incomplete
2009	4	Nearshore Fish Assemblages in the Arctic: Establishment of Monitoring Sites in a Rapidly Changing Environment from Energy Development and Climate Change	Johnson, Thedinga	Complete
2009	5	Contrasting predation intensity and distribution in 2 rock sole nursery areas: a principle factor controlling nursery productivity - Component A	Ryer, Laurel, Knoth	Complete

2009	6	Characterization of Benthic Infauna Community for Modeling Essential Fish Habitat in the Eastern Bering Sea - Reduced plan	Yeung, Yang, McConnaughey	Complete
2009	7	Year 2: Assessing the physical and temporal aspects of pollock spawning habitat utilization in Shelikof Strait, Gulf of Alaska	Bailey, Chan	Complete
2009	8	Productivity, habitat utilization and recruitment dynamics of Pacific cod	Laurel, Ryer, Parrish, Stoner, Knoth, Urban	Complete
2009	9	Characterize habitat utilization and productivity for rockfish species	Rooper, Heintz, Aydin, Boldt	Complete
2009	10	Natural and man-made disturbance of eelgrass beds in northern southeastern Alaska: damage and recovery	Harris	Complete
2009	11	Contrasting predation intensity and distribution in 2 rock sole nursery areas: a principle factor controlling nursery productivity - Component B	Ryer, Laurel, Knoth	Complete
2009	12	Utilization of nearshore habitat by fishes in Nushagak and Togiak Bays (Bristol Bay)	Ormseth, Norcross, Holladay	Complete
2009	13	Nearshore Fish Assemblages in Coastal Areas Facing Development in Southcentral Alaska	Eagleton, Johnson	Complete
2010	1	Recruitment and response to damage of an Alaskan gorgonian coral	Malecha, Shotwell, Amman	Incomplete
2010	2	Collection of field data to support modeling bottom trawling impacts and subsequent recovery rates of sponges and corals in the Aleutian Islands, Alaska	Rooper	Complete
2010	3	Reproductive ecology of the red tree coral ( <i>Primnoa pacifica</i> )	Stone, Waller, Mondragon	Complete
2010	4	Nearshore Fish Assemblages in Coastal Areas Facing Development in Upper Cook Inlet and Prince William Sound, Alaska	Johnson, Eagleton	Complete
2010	5	Productivity, habitat utilization and recruitment dynamics of Pacific cod	Laurel, Ryer, Parrish, Knoth, Urban	Complete
2010	6	Northern Bering Sea habitat suitability for benthic-feeding flatfishes	Yeung, Yang	Complete
2010	7	Identification of high relief living structures in the Gulf of Alaska slope areas	Rooper, Hoff, Wilkins	Complete
2010	8	Reproductive Biology of Pacific Sand Lance near Juneau, Alaska: Spawn Timing and Location, and Larval Distribution	Harris	Complete

2010	9	Recruitment, post-settlement processes and habitat utilization by Tanner crab <i>Chionoecetes bairdi</i>	Ryer, Long, Spencer	Complete
2010	10	Seasonal habitat use and overwintering habits of juvenile Pacific cod ( <i>Gadus macrocephalus</i> ) in coastal nursery areas	Knoth, Conrath, Urban, Laurel, Worton	Complete
2011	1	Determinants of juvenile tanner crab growth from different nursery embayments	Ryer, Spencer, Iseri, Ottmar, Copeman	Complete
2011	2	Recruitment and response to damage of an Alaskan gorgonian coral	Malecha, Shotwell, Amman	Incomplete
2011	3	The role of benthic habitat in larval rock sole settlement dynamics	Laurel, Stoner	Complete
2011	4	Quantifying flatfish habitat quality in the eastern Bering Sea by infauna prey density	Yeung, Yang	Complete
2011	5	Collection of seafloor imagery during AFSC bottom trawl surveys	Rose, McEntire	complete
2011	6	Coastal fishes of Alaska: A synthesis of over a decade of nearshore marine surveys	Johnson, Thedinga, Lindeberg	Complete
2011	7	Low-cost multibeam mapping to support habitat based groundfish assessment and deepwater coral research in the Gulf of Alaska	Wilson, Rooper	Complete
2012	1	The role of benthic habitat in larval rock sole settlement dynamics - Yr 2 of 2	Laurel, Stoner	Complete
2012	2	Determinants of juvenile Tanner crab growth from different nursery embayments	Ryer, Copeman, Spencer, Ottmar, Iseri	Complete
2012	3	Essential fish habitats of juvenile Pacific cod, yellowfin sole, and northern rock sole along the Alaska Peninsula	Hurst, Cooper, Duffy-Anderson, Stoner	Complete
2012	4	Otolith Microchemical Fingerprinting: Assessing Juvenile Pacific Cod Habitat Utilization in the Gulf of Alaska - Year 1	Matta, Helser, Ormseth, Hurst	Incomplete
2012	5	Reproductive ultrastructure of red tree corals from Tracy Arm Fjord, Southeast Alaska: delving deeper into recovery dynamics	Stone, Waller	Incomplete
2012	6	A photographic guide to nearshore, marine fishes of Alaska: a beach seiner's handbook	Lindeberg, Johnson, Thedinga	Complete
2013	1	Otolith Microchemical Fingerprinting: Assessing Juvenile Pacific Cod Habitat Utilization in the Gulf of Alaska - Year 2	Helser, Matta, Ormseth, Miller	Incomplete
2013	2	Bathymetry and substrate compilation from smooth sheet charts	Zimmermann	Complete

2013	3	Simulation modeling of sustainable removals of Primnoa in the Gulf of Alaska based on field studies of size structure and recruitment rates	Rooper, Etnoyer, Stone	Complete
2013	4	Essential fish habitats of juvenile Pacific cod, yellowfin sole, and northern rock sole along the Alaska Peninsula	Hurst, Cooper, Duffy-Anderson, Miller	Complete
2013	5	The distribution and productivity of commercially important rockfish species in coral and sponge habitats of the Gulf of Alaska	Conrath, Knoth, Rooper	Incomplete
2014	1	Ground truth the presence and abundance of coral habitat on the eastern Bering Sea slope both inside and outside canyon areas	Rooper, Sigler, Hoff	Complete
2014	2	Examining the effects of offshore marine mining activities on Norton Sound red king crab habitat	Olson, Foy, Harris	Incomplete
2014	3	Recruitment and response to damage of an Alaskan gorgonian coral	Malecha, Shotwell, Ammann	Incomplete
2014	4	Optimal thermal habitats of gadids in Alaskan waters	Laurel, Ryer, Copeman	Complete
2014	5	Bathymetry and substrate compilation from smooth sheets: Gulf of Alaska and Norton Sound	Zimmermann	Complete
2014	6	High prey availability defines juvenile flatfish habitat quality in the eastern Bering Sea	Yeung, Yang, Cooper	Incomplete
2014	7	Coral and Sponge diversity along the EBS slope with a focus on Pribilof and Zhemchug Canyons	Hoff, Stone	Incomplete
2014	8	Matching pieces of the puzzle: validating the reproductive ecology of red tree corals in Gulf of Alaska habitats with extensive studies in shallow water	Stone, Waller	Incomplete
2015	1	Examining the effects of offshore marine mining activities on Norton Sound red king crab habitat - phase 2	Olson, Foy, Harris, Boswell	Incomplete
2015	2	Defining EFH for Alaska groundfish species, using species distribution modeling	Rooper, Laman, Cooper	Incomplete
2015	3	Bathymetry compilation: Eastern Bering Sea slope	Zimmermann	Incomplete
2015	4	Improving based model EFH definitions for Gulf of Alaska groundfish species using combined species distribution models with high-resolution regional habitat metrics	Pirtle, Shotwell, Rooper	Incomplete

2015	5	Optimal thermal habitats of FMP crab species in relation to the Bering Sea cold pool	Ryer, Copeman, Laurel	Incomplete
2015	6	Physiological response of red tree coral to low pH scenarios in the laboratory	Stone, Foy, Waller, Cairns	Incomplete
2015	7	Estimating rockfish abundance as a function of habitat in the Gulf of Alaska	Jones, Wilson, Rooper, Spencer, Hanselman, Weber	Incomplete