

## **2022 FISHERIES RESOURCE MONITORING PROGRAM**

The Office of Subsistence Management administers the Fisheries Resource Monitoring Program (Monitoring Program) and funds research and monitoring that contribute to effective management of subsistence fisheries on Federal public lands and waters in Alaska. The Monitoring Program also supports collaboration and cooperation among Federal agencies, the State of Alaska, and Alaska Native and rural organizations.

Every two years, the Office of Subsistence Management announces a funding opportunity for projects that address priority information needs identified by Federal Subsistence Regional Advisory Councils. The Office of Subsistence Management works with the Subsistence Regional Advisory Councils to identify issues of local concern and knowledge gaps. This information is used to develop regional priorities that guide researchers in proposal development.

Three primary types of research are requested: harvest monitoring, traditional ecological knowledge, and stock status and trends. Harvest monitoring and traditional ecological knowledge projects provide information directly from subsistence users, including descriptions of fishing effort and harvest and use patterns. Stock status and trend projects address fish abundance, migration, and behavior in specific drainage basins.

Research priorities that fall outside the scope of the Monitoring Program are not considered. They include projects focused on: habitat protection, mitigation, restoration, and enhancement; hatchery propagation, restoration, enhancement and supplementation; and contaminant assessment, evaluation, and monitoring. These kinds of projects are most appropriately addressed by the local land management or regulatory agency.

Since 2000, the Office of Subsistence Management has funded 61 projects in the Southwest Alaska Region through the Monitoring Program. They are described in the table below.

**SOUTHWEST ALASKA REGION—PROJECTS FUNDED SINCE 2020**

<b>Project Number</b>	<b>Project Title</b>	<b>Investigators</b>
<b>Bristol Bay Salmon Projects</b>		
00-010	Togiak River Salmon Weir	USFWS
00-031	Alagnak River Sockeye Salmon Escapement	AFD&G, NPS, BBNA
00-033	Alagnak River Angler Effort Index	ADF&G, NPS, BBNA
00-042	Lake Clark Sockeye Salmon Assessment	USGS
01-047	Togiak River Subsistence Harvest Monitoring	BBNA, ADF&G, USFWS
01-075	Nondalton Sockeye Salmon and Freshwater Fish TEK	NPS, NTC, USGS
01-095	Lake Clark Sockeye Salmon Escapement	USGS, NTC
01-109	Traditional Ecological Knowledge of Alaska Peninsula/Becharof NWR	ADF&G, BBNA
01-173	Alagnak River Harvest Salmon Escapement Estimation	ADF&G
01-204	Ugashik Lakes Coho Salmon Escapement Estimation	USFWS
03-046	Fisheries Biotechnician Training Program	NPS
04-411	Lake Clark Sockeye Salmon Run Timing	USFWS, BBNA
04-454	Bristol Bay Sharing, Bartering, and Trading of Wild Resources	ADF&G, BBNA
05-402	Lake Clark Sockeye Salmon Escapement	NPS, USGS
08-402	Togiak River Chinook Salmon Radio Telemetry	USFWS, BBNA, ADF&G
08-405	Lake Clark Sockeye Salmon Assessment	NPS, USS&E, BBNA
10-402	Togiak River Chinook Salmon Adult Assessment	USFWS, BBNA, ADF&G
16-451	Bristol Bay Subsistence Salmon Networks	ADF&G, BBNA, OSU
16-453	Togiak River Chinook Salmon Subsistence Harvest Assessment	ADF&G, BBNA
<b>Chignik Salmon Projects</b>		
02-098	Kametlook River Coho Salmon Escapement & Carrying Capacity	USFWS, BBNA
02-099	Clark River Estimation of Sockeye and Coho Salmon Escapement	USFWS, BBNA
03-043	Perryville Coho Salmon Escapement	USFWS
05-405	Perryville-Chignik Coho and Sockeye Salmon Aerial Surveys	USFWS
07-404	Perryville-Clark River Coho and Sockeye Salmon Aerial Surveys	USFWS
<b>Bristol Bay-Chignik Freshwater Species Projects</b>		
00-011	Togiak River Dolly Varden Genetic Baseline Development	USFWS
00-012	Bristol Bay Traditional Knowledge of Fish	ADF&G
02-034	Kvichak River Resident Species Subsistence Fisheries	ADF&G, BBNA
04-401	Ungalikthlik and Negukthlik Rivers Rainbow Trout Assessment	USFWS
04-415	Tazimina Rainbow Trout Assessment	ADF&G
05-403	Lake Clark Whitefish Assessment	ADF&G
07-408	Togiak River Rainbow Smelt Assessment	USFWS, BBNA

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Project Number	Project Title	Investigators
07-452	Kvichak Watershed Subsistence Fishing Ethnography	ADF&G, BBNA, NPS
12-452	Whitefish Trends in Lake Clark and Iliamna Lake	ADF&G, BBNA, NPS, NTC
18-751 <sup>a</sup>	Togiak Drainage Dolly Varden	ADF&G, BBNA, USFWS
<b>Kodiak-Aleutians Projects</b>		
00-032	Buskin River Sockeye Salmon Stock Assessment	ADF&G
01-059	McLees Lake Sockeye Salmon Escapement	USFWS
01-206	Mortenson Creek Sockeye and Coho Salmon Escapement	USFWS
02-032	Lower Alaska Peninsula/Aleutians Subsistence Fish Harvest Assessment	ADF&G, APIP, ISU
03-047	Afognak Lake Sockeye Smolt Enumerations Feasibility	ADF&G
04-402	Mortenson Creek Sockeye and Coho Escapement	USFWS
04-403	McLees Lake Sockeye Salmon Escapement	USFWS
04-412	Afognak Lake Sockeye Salmon Stock Assessment	ADF&G
04-414	Buskin River Sockeye Salmon Stock Assessment	ADF&G
04-457	Kodiak Subsistence Fisheries Harvest and TEK	ADF&G, KANA
07-401	Afognak Lake Sockeye Salmon Smolt Assessment	ADF&G
07-402	Buskin River Sockeye Salmon Weir	ADF&G
07-405	McLees Lake Sockeye Salmon Weir	USFWS, ADF&G, QT
10-401	Afognak Lake Sockeye Salmon Smolt and Adult Assessment	ADF&G
10-403	Buskin River Sockeye Salmon Adult Assessment	ADF&G
10-404	Buskin River Sockeye Salmon Smolt Assessment Feasibility	ADF&G
10-406	McLees Lake Sockeye Salmon Weir	USFWS, ADF&G, QT
12-450	Aleutian Islands Salmon and Other Subsistence Harvests	ISU
12-453	Kodiak Salmon Fishery Changing Patterns	ADF&G
14-401	Buskin River Sockeye Salmon Stock Assessment	ADF&G
14-402	Afognak Lake Sockeye Salmon Stock Assessment	ADF&G
16-452 <sup>a</sup>	Western Gulf of Alaska Salmon and Other Harvests	ISU
18-400 <sup>a</sup>	Buskin River Sockeye Salmon Stock Assessment and Monitoring	ADF&G
18-450 <sup>a</sup>	Unalaska Fish Harvest Practices	ADF&G
18-451 <sup>a</sup>	Subsistence Harvest Trends of Salmon and Nonsalmon Fish in 4 Southern Kodiak Island Communities	ADF&G
20-400 <sup>a</sup>	Estimation of Sockeye Salmon Escapement into McLees Lake, Unalaska Island	ADF&G, QT
20-450 <sup>a</sup>	Subsistence Harvest Trends of Salmon and Nonsalmon Fish in Kodiak City and Road-Connected Areas	ADF&G, ST

<sup>a</sup> = On-going projects during 2020.

Abbreviations used for investigators are: **ADF&G** = Alaska Department of Fish and Game, **APIA** = Aleutian-Pribilof Islands Association, **BBNA** = Bristol Bay Native Association, **ISU** = Idaho State University, **KANA** = Kodiak Area Native Association, **NPS** = National Park Service, **NTC** = Nondalton Tribal Council, **OSU** = Oregon State University, **QT** = Qawalangin Tribe, **ST** = Sun'aq Tribe, **USFWS** = U.S. Fish and Wildlife Service, **USGS** = U.S. Geological Survey, **USS&E** = U.S. Science and Education, and **UW** = University of Washington.