

Continuing Management and Development of the Southeast Alaska Subsistence Fisheries Geographical Information System (GIS) Database

As part of this project, subsistence fisheries harvest data are presented in a Geographic Information System (GIS) created using Environmental Systems Research, Inc. (ESRI) ArcView® software. The GIS contains data for communities in Southeast Alaska, from Yakutat south to Ketchikan. Community harvests for the years 1985 to 2001 are organized by harvest location, and the GIS user can display these harvest locations in the map windows built for this project. The GIS also maps the locations in Southeast identified as having Customary and Traditional use of fish stocks. The GIS is modified to allow users with little or no GIS experience to use a graphic, map interface to browse, sort, select, and view salmon harvest data. The user can choose from three pre-defined map legends to depict harvest data. Each community's yearly harvest between 1985 and 2001, as well as the cumulative harvest per location, are available in Microsoft Excel files linked to the map. Users who are familiar with ArcView and GIS can access the source data files and integrate the data into other GIS projects.

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