

PACFISH

Model Uses PACFISH monitoring modules were created to track implementation of USFS and BLM management plans for the salmon, steelhead, and bull trout listed in the Upper Columbia and Snake River Basins. Data is stored in the form of surveys using an Access Database.

Major Categories Habitat Classification; Decision Support; Ecological

Subject Knowledge Level
Intermediate

Minor Categories Fish and Fish Habitat; Habitat Quality; Threat; Wildlife; Management; Conservation; Desired Future Conditions

Technical Difficulty Level
Intermediate

Model Type Conceptual Model

Geographic in Nature?
no

Abstract

The PACFISH monitoring modules were created to track implementation of management direction for the USFS or the BLM Resource Management Plans for the salmon, steelhead, and bull trout listed in the Upper Columbia and Snake River Basins. Starting in 2003, PACFISH data will be entered into an Access Database in the form of surveys. Microsoft Access is a relational database management system for creating and storing client-server applications. This allows an individual to track information and thereby organize, retrieve and analyze the information on the database.

Future Developments

unknown

Model Limitations

unknown

Model Features:

- Module Category 1: All USFS/BLM projects that are associated with any Riparian Habitat Conservation Areas (RHCA) that occurs entirely or partially within a 6th field HUC/sub-watershed containing Endangered Species Act (ESA) listed fish species (salmon, steelhead, bull trout) or designated or proposed critical habitat.
- Module Category 2: All USFS/BLM projects associated with any RHCA that occurs entirely or partially with a 6th field HUC/sub-watershed that does not contain ESA-listed fish species or designated or proposed critical habitat.
- Module Category 3: All USFS/BLM projects that do not occur within or influence RHCA's.

Required Data Types

Data is entered into a survey format, below are some of the initial questions necessary in a survey:

- River, Field office and forest associated with the HUC
- Observers Name
- Listed Fish
- Actions within RHCA/Riparian
- Location-UTM
- Management type form
- Non-Compliance Information

Model Outputs

Data can be viewed in 3 separate tables:

- Table **SVPRIM 1** contains Project ID Specific info regarding the project (ie. UTM'S, Category, etc.), Local Implementation Requirements, Standards and guides, and Fire Management.
- Table **SVPRIM2** contains: Rangeland Management.
- Table **SVPRIM5** contains: Minerals, Recreation, Timber Management, Riparian, Lands, Watershed Restoration, Fish and Wildlife, Non-Compliance, Roads

In order to obtain specific information from a series of records, records can be filtered and queries can be made of all records.

Reports can be made directly in access which contain 5 parts: (1) a report header which usually contains the title

of the report, and perhaps a picture or logo, (2) a page header which gives information about the data which comes afterwards, (3) detail (data from the tables), (4) a page footer, and (5) a report footer.

Source

US Forest Service Boise Aquatic Sciences Lab

Source (URL)

http://www.fs.fed.us/rm/boise/teams/fisheries/pac_infish/pac_infishhome.htm

Hardware Requirements

Pentium IV Processor with 128 MB RAM
17 MB virtual memory

		Supported Platforms	
DOS	<input type="checkbox"/>	UNIX	<input type="checkbox"/>
Windows	<input checked="" type="checkbox"/>	Macintosh	<input type="checkbox"/>

Software Requirements

Microsoft Windows XP
Microsoft Office 2000 Suite (includes Access)

Cost, Licensing and Availability

The database is available for free.

Installing the database can be achieved by visiting the web at the PACFISH/INFISH home:

http://www.fs.fed.us/rm/boise/teams/fisheries/pac_infish/pac_infishhome.htm