

Southeast Alaska GIS Library

Coastal Impact Assessment Program

Coastal Module

Maintenance Plan

2012-2014



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Updated By _____
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Version 2.0

Status Final

Updates Complete

Release Date October 2014

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Overview

The Southeast Alaska GIS Library will develop GIS access through a website to give people access to the coastal geospatial data of Southeast Alaska. Users will be able to search, browse, visualize and download a total of approximately 40 spatial datasets. This project will identify missing data through a data gap analysis and then develop new coastal datasets for Southeast Alaska.

The Southeast Alaska Geographic Information System Library (SEAKGIS) is the centerpiece of this effort. Through a partnership among the NOAA National Marine Fisheries Service (NMFS), U.S. Fish and Wildlife Service (FWS), the Alaska Departments of Fish and Game (ADFG), Natural Resources (ADNR), Transportation and Public Facilities (ADOT&PF) and Environmental Conservation (ADEC), the Tongass National Forest (TNF), the University of Alaska Southeast (UAS), The Nature Conservancy (TNC), and US Geological Survey (USGS), SEAKGIS was created to identify opportunities for regional geospatial data sharing, imagery, and GIS datasets; and to provide access to this information to communities, agencies, and planners.

This project will turn an ad-hoc program into a permanent resource ensuring that the investment that has gone into collecting these data is fully realized by making the data publicly accessible. The SEAKGIS project is now poised to include specific thematic content to help address high-priority coastal resource issues in the region, namely through development of a unified "Coastal GIS Module" within the SEAKGIS to support coastal management and mapping needs.

Introduction

This plan describes the processes and procedures necessary to provide data and application maintenance for the Coastal GIS Module. The Coastal GIS Module, Version 1.0 is being developed and maintained by the Southeast Alaska GIS Library. The Coastal GIS Module consists of GIS data and an interactive web mapping application. This plan details the activities required and specifies the various responsibilities in order to provide maintenance for the Coastal GIS Module.

Maintenance Plan Milestones

July 2012	In anticipation of this project, the ArcGIS Web Server environment is prepared. Geoportal, the Indexing/Searching program for GIS is also configured.
November 2012	Project Awarded
January 2013	Platform Moved to ArcGIS Online/Java Viewers
June 2013	ArcGIS Online Maps and Tools Reviewed Java Environment for Web Mapping underway.
October 2013	Feedback from Outreach inspires data Updates, new datasets. Possible review of online tools.
January 2014	Final list of available datasets is approved. As data becomes available, it is quickly added to the Coastal Module. Additional tools will be incorporated as needed.
June 2014	End of Project Data Maintained as required. Tools/web viewer maintained as necessary. Webpages remain static, except for necessary edits/updates.
June 2016	End of support period

System

The Coastal GIS Module provides GIS data and interactive web mapping applications to communities, agencies and planners. The data and applications are available to the public. The Southeast Alaska GIS Library collects GIS data in ArcGIS formats and provides access to the data as zipped ArcGIS File Geodatabases and as ArcGIS Server Map Services. The new web mapping applications are built in the ArcGIS Online.com viewer.

Status

The Coastal GIS Module is developed in the ArcGIS Online.com viewer and will supplement the work done in the ArcGIS Viewer for Flex environment. The new Coastal GIS Module will provides added GIS functionality to the users in the form of query and analysis tools, as well as provide a better link back to our Geoportal to find additional GIS data.

Maintainer

The maintainer for the Coastal GIS Module is the Southeast Alaska GIS Library.

Support/Maintenance

The Coastal GIS Module has a projected life of 3 years. During that period, data will be updated as needed, but corrections and enhancements to the applications will be until the end of the project, June 2014. Corrective maintenance will accommodate latent defects as reported by users. Enhancements or improvements will be submitted in order to improve performance and provide additional functionality for the users. As additional maintenance support is not currently available, this application will be supported ad hoc after the project end date. There is no schedule for multiple or additional releases.

Level of Support

Support will be provided until the end of the project, June 2014. After that time, the Southeast Alaska GIS Library will provide users support for the web application and data needs as necessary. The post-delivery support period is two years, until June 2016.