

2013 Action Items
Geospatial Services Strategic Plan
U.S. Fish and Wildlife Service
Department of the Interior

PART THREE – Objectives and Action Items

3.0 GIS Strategic Plan Objectives and Action Items

FWS's geospatial strategy will be regularly updated to reflect evolving technology and programmatic needs through an annual update of the objectives and action items. Each action item is assigned to the FWS National GIS Steering Committee, individuals on the steering committee, or FWS National GIS Steering Committee Task Groups. The Objectives and Action Items for FY 2013 are as follows:

Goal 1: Governance

Provide leadership and direction regarding the use of GIS related technology to accomplish the Service Mission. Identify and prioritize geospatial needs; align FWS and DOI strategies and activities; and provide policy and oversight to assure progress in achieving geospatial services goals.

Objective 1.1 Create FWS GIS 2010-2014 Strategic Plan, review Objectives and Action Items annually, and update if needed.

Action Item 1.1.5 Update the plan with objectives and action items for 2014 during the 2013 GIS Face to Face Steering Committee Meeting.

Action Item 1.1.6 Obtain official appointment letters (per FWS GIS Steering Committee Charter) for new FWS GIS Steering Committee members.

Action Item 1.1.7 Create a SharePoint list of Action Items including priorities, due dates and assignments.

Objective 1.3 Participate on department and national level geospatial coordination.

Action Item 1.3.1 Actively participate in Department of Interior level geospatial coordination.

Action Item 1.3.2 Actively participate on the Federal Geospatial Data Committee (FGDC).

Action Item 1.3.3 Actively participate and coordinate on national level committees and groups related to geospatial and communicate through the FWS GIS Steering Committee.

Objective 1.4 Coordinate and collaborate on geospatial activities at a national level.

Action Item 1.4.1 Coordinate FWS involvement in the 2013 ESRI Conferences.

Action Item 1.4.3 Coordinate the FWS National GIS Steering Committee Meeting October 8-10, 2014 in Region 5.

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Action Item 1.4.4 Coordinate the FWS involvement in the National Level Meeting/Conferences pertaining to Geospatial.

Action Item 1.4.5 Assist with coordination and implementation of the National FWS Geospatial Workshop, April 1-2, 2014 at the FWS National Conservation Training Center (NCTC).

Action Item 1.4.8 Determine the Field Representative on the GIS Steering Committee for 2013.

Goal 2: Business Processes

Ensure that common, unified, geospatial processes are in place to improve decision making and meet the business needs of the FWS, including identifying national partnership opportunities with high return on investment.

Objective 2.1 Consult, advise, and coordinate with IRTM and other Service organizations on geospatial services.

Action Item 2.1.3 Develop a list and information on existing contracting mechanisms available to the Service for geospatial and remote sensing acquisition and services.

Objective 2.2 Coordinate with FWS programs on GIS data management activities.

Action Item 2.2.1 Develop collaborative relationships with Programs on Geospatial Data Management.

Action Item 2.2.3 Foster communication with the Science Community through a member or liaison to the FWS GIS Steering Committee.

Objective 2.3 Coordinate Remote Sensing Task Group (RSTG) activities.

Action Item 2.3.1 Promote communication of remote sensing in the FWS through membership on national committees and groups dealing with remote sensing.

Action Item 2.3.7 Coordinate and create FWS component of the President's Aeronautics and Space Report FY2013.

Action Item 2.3.11 Improve distribution and access to remote sensing products for the Service.

Action Item 2.3.12 Maintain a well-managed SharePoint Site for Remote Sensing resources.

Action Item 2.3.13 Improve National Agricultural Imagery Program (NAIP) access and distribution for the Service

Objective 2.5 Coordinate Global Positioning Systems (GPS) and Mobile Task Group activities.

Action Item 2.5.1 Promote communication of mobile technologies GPS in the FWS through membership on national committees and groups dealing with mobile.

Action Item 2.5.2 Maintain a well-managed SharePoint Site for mobile and GPS resources.

Action Item 2.5.3 Create and maintain a best practices GPS equipment list for field users.

Goal 3: Data Architecture

Provide FWS staff, partners, and the public with standardized geospatial information needed to carry out FWS mission and make informed decisions.

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Objective 3.1 Participate in the development, adoption, and implementation of FWS geospatial data standards, geoenabling business processes, and geospatial data dissemination.

Action Item 3.1.1 Work with the FWS Critical Habitat Task Group to develop and establish Critical Habitat Data Standards.

Action Item 3.1.13 Promote, update, manage, and develop national data sources including web services for national data sets.

Action Item 3.1.14 Facilitate the sharing of geospatial data through the Service Catalog (ServCat).

Action Item 3.1.15 Work with the Habitat Conservation Plan (HCP) Task Group to develop and establish HCP geospatial data standards.

Action Item 3.1.16 Facilitation the creation of data management plans for geospatial data.

Objective 3.2 Improve compliance with metadata creation policy in the FWS.

Action Item 3.2.3 Develop methods to assist users in metadata development.

Action Item 3.2.4 Develop a Service geospatial metadata strategy.

Objective 3.2 Coordinate Office Locations Task Group activities.

Action Item 3.2.1 Create a data management lifecycle for Office Locations

Action Item 3.2.2 Create and manage an Office Location geospatial dataset

Goal 4: Application Architecture.

Provide FWS staff, partners, and the public with recommended standardized geospatial applications and web services to collect, maintain, use, and publish geospatial data in support of the FWS mission and business requirements.

Objective 4.1 Research and recommend best approaches for managing and maintaining FWS geospatial web mapping applications and geospatial data and services.

Action Item 4.1.2 Develop a Geospatial Data Services and Applications Task Group to improve communication within the Service on GIS web mapping applications.

Action Item 4.1.3 Review and revise the Internet Web Mapping Service data standard.

Action Item 4.1.5 Investigate and enable ArcGIS for SharePoint for the Service.

Action Item 4.1.6 Create instructional materials for free ArcGIS Explorer Desktop Software that enables users to learn through either self-tutorial or instructor led teaching of this software application.

Action Item 4.1.7 Continue to develop DataSpace as a best practices approach to geospatial data management.

Goal 5: Technology Architecture

Support enterprise efforts that enable the design and implementation of a standard, enterprise-wide technical architecture. This supports the collection, maintenance, utilization, and publication of distributed geospatial data, applications, and web services in a seamless manner.

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Objective 5.1 Research and recommend best approaches for managing and maintaining FWS Geospatial data and technology.

Action Item 5.1. Manage deployment strategies, installation guides, scripts and automatic installs for geospatial software.

Action Item 5.1.8 Create a template GIS Project Tracker for regional use.

Objective 5.2 Increase FWS compliance with IT policies.

Action Item 5.2.1 Coordinate with ITRM on geospatial software and applications.

Action Item 5.2.4 Work with IRTM to develop releases of geospatial software.

Objective 5.3 Evaluate, propose, and manage enterprise licensing and national license servers for increased efficiency and reduced overall costs.

Action Item 5.3.2 Create IT shared costs proposal to Investment Review Board (IRB) on national licensing for national geospatial software.

Action Item 5.3.3 Budget, manage and maintain national license servers and national licensing for geospatial products.

Goal 6: Education and Outreach

Support education, communication, and outreach programs and efforts to assist staff in using geospatial technology to efficiently support the FWS mission.

Objective 6.1 Provide FWS geospatial users, managers, and project leaders information on geospatial capabilities and the need for national and regional enterprise management and support.

Action Item 6.1.1 Brief Directorate and managers on FWS geospatial services efforts.

Action Item 6.1.2 Create news releases through FWS GIS Steering Committee Meeting notes and emails to the gis list serve on FWS geospatial activities.

Action Item 6.1.2 Create a quarterly newsletter on FWS geospatial services.

Action Item 6.1.3 Develop training and presentations related to geospatial via webinar and recordings for FWS.

Action Item 6.1.4 Develop an open forum presentation series for communication of geospatial services.

Objective 6.2 Identify and address geospatial (GIS, GPS, and remote sensing) training needs in support of the FWS mission.

Action Item 6.2.1 Review and evaluate geospatial training efforts.

Action Item 6.2.2 Advocate and actively support quality geospatial training in the Service and through the FWS NCTC.

Action Item 6.2.3 Maintain a list of online classes, including NCTC and ESRI class offerings.

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Objective 6.3 Manage FWS National GIS internet and intranet sites.

Action Item 6.3.1 Evaluate, update, and maintain Geospatial Services Internet Site to include information relevant to the FWS.

Action Item 6.3.4 Maintain a well-managed GIS SharePoint Site for geospatial users in the Service.

Objective 6.5 Develop outreach assistance for Service employees related to geospatial.

Action Item 6.5.1 Support hiring students for geospatial work.

Action Item 6.5.2 Encourage the creation of more qualified GIS emergency responders in the Service.