**Fish and Wildlife Service - Inventory and Monitoring**

The Refuge System needs the finest science to manage its lands and waters efficiently to support wildlife conservation.  Monitoring is a vital part of that.  Today, wildlife refuges face issues that originate beyond their boundaries.  The Inventory and Monitoring Initiative (<http://www.fws.gov/Refuges/NaturalResourcePC/IandM/>) gathers, synthesizes and shares standardized data so wildlife and habitats are protected.  This initiative provides critical information to local refuges as well as regional and national wildlife professionals.

**Priority Projects**

* Abiotic Resources – Baseline Geospatial Data, Hydrogeomorphic Analysis (HGM)
* Biotic Resources – T&E Species, Refuge Vulnerability Assessments (RVA), Phenology
* Water Quality & Quantity – National Wetland Inventories (NWI), Water Resource Inventories and Assessments (WRIA)
* Invasive Species Inventories
* [Sea-Level Affecting Marshes Model](http://www.fws.gov/refuges/planning/seaLevelRise.html) (SLAMM)
* Data Management – [Fish and Wildlife Service Catalog](http://www.fws.gov/Refuges/NaturalResourcePC/IandM/serviceCatalog.html) (ServCat), Planning and Review of Inventory & Monitoring on Refuges (PRIMR)
* [Wilderness Character Monitoring](http://www.fws.gov/refuges/whm/wilderness.html)