

## **Riparian Data Management Standards Project Outline**

**Objectives:** Prepare a report which documents findings and makes recommendations, test recommended alternative, deliver fully operational software.

Techniques used to develop the recommendations should include:

- Systems Analysis Model to analyze system requirements and develop alternatives
- Advisory Team
- Testing of prototypes

Partial list of Advisory Team tasks:

Determine audiences/ needs  
Identify the desired data analysis capabilities  
Identify existing data sets for compatibility requirements  
Determine data compatibility, format requirements, hardware, software  
Define security levels and measures  
Determine cooperative agency needs/data compatibility, and parallel efforts  
Develop alternatives  
Make Recommendations

Partial list of Team Leader responsibilities:

- Assemble team
- Communications
- Develop a timeline
- Scheduling team activities
- Report preparation
- Contract preparation, admin. (if necessary)

Data Management System Requirements:(first draft)

Easy remote access from a variety of existing hardware/software platforms in field offices for data entry, edit, download.  
Ability to analyze relationships between PFC condition(s) data and grazing systems, special status species/habitats data, water quality conditions, upland resource data, other landuses (recreation, minerals, forestry??)  
Cooperator and public access to a subset of data  
GIS linkage and analysis capability  
Tracking and reporting capability

Ability to analyze relationship to land management actions, i.e., projects, permit renewals, use authorizations.

Some level of equivalency/compatibility with other land management agencies

Minimal data administration responsibilities and costs

Ability to aggregate data on a “watershed basis”

Multi-tiered data standard consisting of:

-Required data-minimum information for tracking and reporting

-Resource Management data-optional data with format and consistency standards only

-Local Preference data- optional data “linking” requirement only

### Report Contents

- Documentation of advisory team findings
- Description of alternatives
- Description of how alternatives would meet system requirements
- Recommendations