

Resource Management Plan
Tiospaye Practicum (Holistic Management)
Capstone Assignment
Agriculture and Natural Resource Department.
Spring 2007

500 points possible for Private Ranch/Farm Management Plan
600 points for Public Management Plan (Public Information Collection)

The following outline is a guide for the development of your Resource Management Plan.

Your plan should be 25 to 30 typed pages with the following information included were possible.

Title Page (25 points)

Include the following on your title page:

- Title of Project (Ranch/Farm Name)
- Managers Name (Ranch/Farm Owners)
- Management Plan Authors Names (Prepared by:)
- Current Addresses of Authors and Site of Project
- Date of Plan Preparation
- Draft # of Plan

Some of the above information may not be relevant to all project management plans. Adjust as needed. This is a guide only.

Table of Contents Page (25 points)

- All major headings of management plan listed in the table of contents page. The outline here is a good start. This page is important for your readers as it aides them to go to the areas of interest.

List of Tables (25 points)

- List any data tables that you utilize in your planning process. These will also aide readers to locate your data. Example: Table of soils in management unit, local plants and/or wildlife in area. This type of information is important for tourist information as well as animal (bison) management.

List of Figures and/or Images (25 points)

- List of any maps, photos, etc. should be listed here.

Executive Summary (~250 words) (25 points)

- A short narrative of management plan designed to aide reader in understanding the plan.

I. Introduction (25 points)

II. Public Input Process (100 points)

(Use this format if doing a public plan as for OST Natural Resource Regulatory Agency)

- This area is not needed for all management plans, but necessary for public lands. A process for public comment provided in any new management plan on public lands.
- Include the following information:
 - i. Issues and Goals
 1. Executive Summary – 1st Focus Group Meeting
 2. Introduction
 3. Issues
 4. Goals Identification
 5. Natural Resource Mission of the _____ (exp. Custer State Park)
 6. Forestland Goals
 7. Rangeland Goals
 8. Wildlife Goals
 9. Natural/Human Use Interface Goals
 10. Additional Concerns
 11. Conclusion
 - ii. Executive Summary – 2nd Focus Group Meeting
 1. Introduction
 2. Meeting Summary
 3. Mixed Grasslands
 4. Forestlands
 5. Fire Disturbed Systems
 6. Open Water Systems

(The above information is for examples of type of information to include in a public management plan. This will change with issues related to projects. Mining or natural gas wells could be an issue on some public lands.)

III. Mission Statement (25 points)

- A mission and/or vision statement of a public organization or private ranch/farm operation looking a minimum of ten years down the road located here. The basic statement should be short ~25 to 30 words. This will be what the public will relate to your operation.
- Resource management mission maybe needed if the management operation is a separate entity to the organization. This could be different than, the organizational mission.

IV. Current Landscape Description (275 points)

- Mixed Grassland System
 - Vegetation
 - Wildlife
 - System function
 - Cultural
 - Geology or Soils
- Forestland System – Non-Fire Disturbed
 - Vegetation
 - Wildlife
 - System Function
 - Cultural
 - Geology or Soils
- Forestland Systems –Fire Disturbed
 - Vegetation
 - Wildlife
 - System Function
 - Cultural
 - Geology or Soils

V. Future Management Direction

- Range Management Activity
 - Introduction
 - Goals
 - Basis and Assumptions
 - Management Strategies
 - Research and Surveys
 - Anticipated Program Effect on Current Landscape Description
- Forest Management Activity
 - Introduction
 - Goals and Objectives
 - Methods and Processes
 - General Forest Health
- Fire Management Activity
 - Introduction
 - Fuel Management
 - Prescribed Fire
 - Smoke Management
 - Public Information and Involvement
 - Fire Presuppression and Suppression
- Wildlife Management Activity
 - Introduction
 - Goals
 - Objectives
 - Management for Wildlife Diversity
 - Population Management

- Habitat Management
- Anticipated Program Effect on Current Landscape Description

- Animals for Profit Management Activity
 - Introduction
 - Goals
 - Objectives
 - Population Management
 - Habitat Management
 - Anticipated Program Effect on Current Landscape Description

VI. Budgets (50 points)

- Annual Management Budget Plans
 - Balance Sheet
 - Cash Flow Statement
 - Annual Budget
- Five and Ten Year Management Budget Plans
 - Balance Sheet
 - Cash Flow Statement
 - Annual Budget

Literature Cited (25 points)

- Sources recorded in APA style or similar writing citation style.

This is a guide to develop a management plan. Not all areas of the above outline are covered in each plan design. The above outline taken from Custer State Parks Resource Management Plan for 1995 to 2010 with a budget process added for private land managers. Budgets should also be in public lands management plans. Individual students will contact their instructor on where they will do a private Ranch/Farm management plan or a Public Parks plan.

You may need to include more areas to make your plan work. Figure 1.1 is a Holistic Management Model. Adapt the above outline as needed to this model or another model that reflects your cultural belief system.

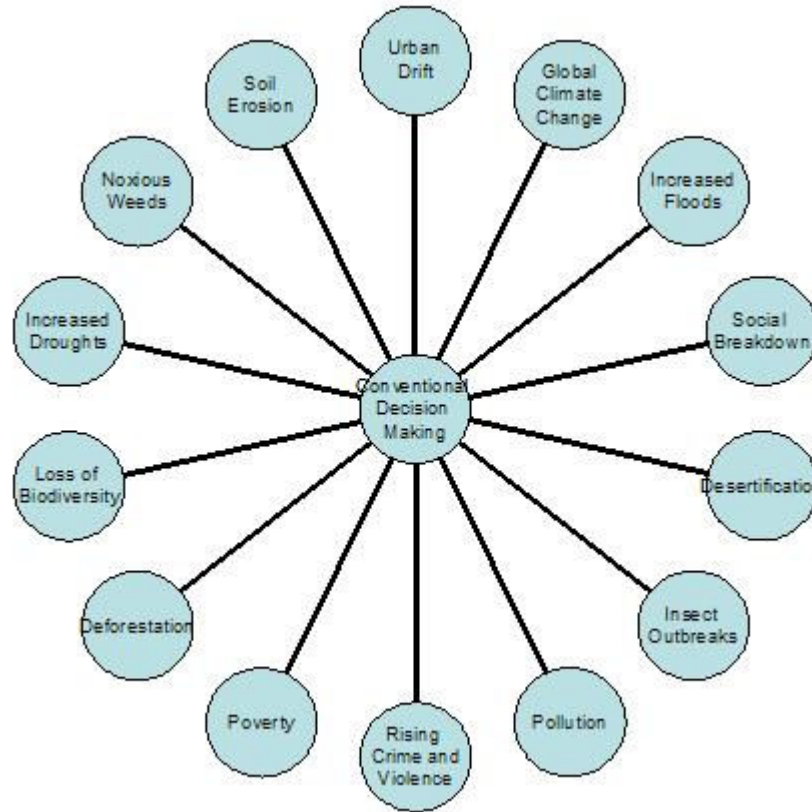


Figure 1.1 Holistic Management Model
adapted from Savory, A. 1999. *Holistic management a new framework for decision making*. Island Press. Washington, D.C. pg. 564.