





# Conservation Planning

*Benefit\$ for Everyone!*

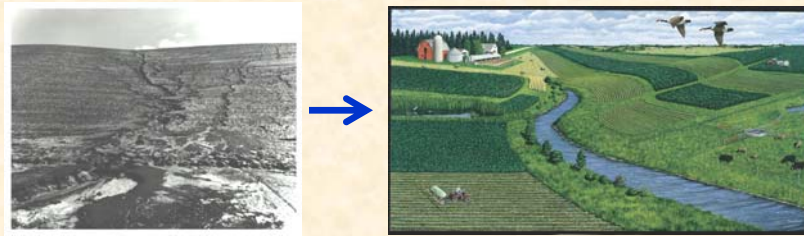


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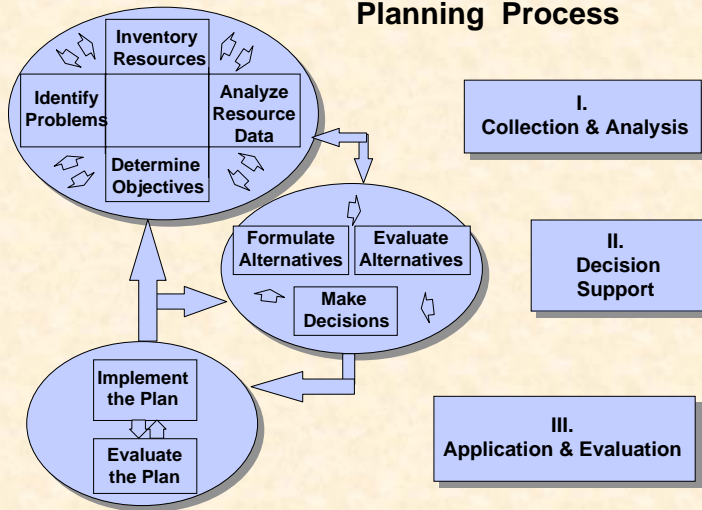
## Conservation Planning



- Involves the landowner/user
- Involves addressing Resource Concerns
- SWAPAH information
- Documenting Decisions

## Conservation Planning

### Planning Process



## Conservation Planning

- Why worry about conservation planning
- What are the benefits
  - For the Landuser
  - For you
- Protect our most valuable natural resources our Soil and Water!
- System approach
- Improved soil and water quality
- Increased profitability for your client.

## Common Conservation Practices

- Residue Management
  - No-Till
  - Mulch Till
- Nutrient Management
- Pest Management
- Prescribed Grazing
- Cover Crops
- Waste Utilization
- Structural Practices
  - WASCB's
  - Grade Stab Structures



## Conservation Buffers

- Remove up to 50% or more of Nutrients and Pesticides.
- Remove up to 60% of some Pathogens.
- Remove up to 75% or more of Sediment.

When used with supporting practices, buffers can help you:

- Prevent soil erosion.
- Improve water quality by removing sediment, fertilizers, pesticides and other pollutants from runoff.
- Improve air quality.
- Enhance fish and wildlife habitat.
- Control flooding.
- Improve farm safety.
- Protect buildings, roads and livestock.
- Conserve energy.
- Beautify the landscape.



## Conservation Buffers

- Grassed waterways
- Contour grass strips
- Shelterbelts/field windbreaks
- Living snow fences
- Filter strips
- Riparian buffers
- Wetland restorations
- Cross-wind trap strips
- Farmable wetlands
- Marginal pastureland
- Wildlife habitat buffers
- Marginal pastureland
- Wetland buffers
- Shallow water areas for wildlife
- Public wellhead protection buffers

## Conservation Buffers

- To reduce sediment, particulate organic matter, and sediment adsorbed contaminant loading in runoff.
- To reduce dissolved contaminant loading in runoff.
- To serve as Zone 3 of a Riparian Forest Buffer.
- To restore, create or enhance herbaceous habitat for wildlife and beneficial insects.
- To maintain or enhance watershed functions and values.

## Conservation Buffers

### Field Borders



## Conservation Buffers

- Riparian Buffer



## Conservation Buffers

- Riparian Buffers



## Conservation Buffers

- Filter Strips



## Conservation Buffers

- **Filter Strips and Grassed Waterways**



## Questions?

(Answers possible .. but not probable)