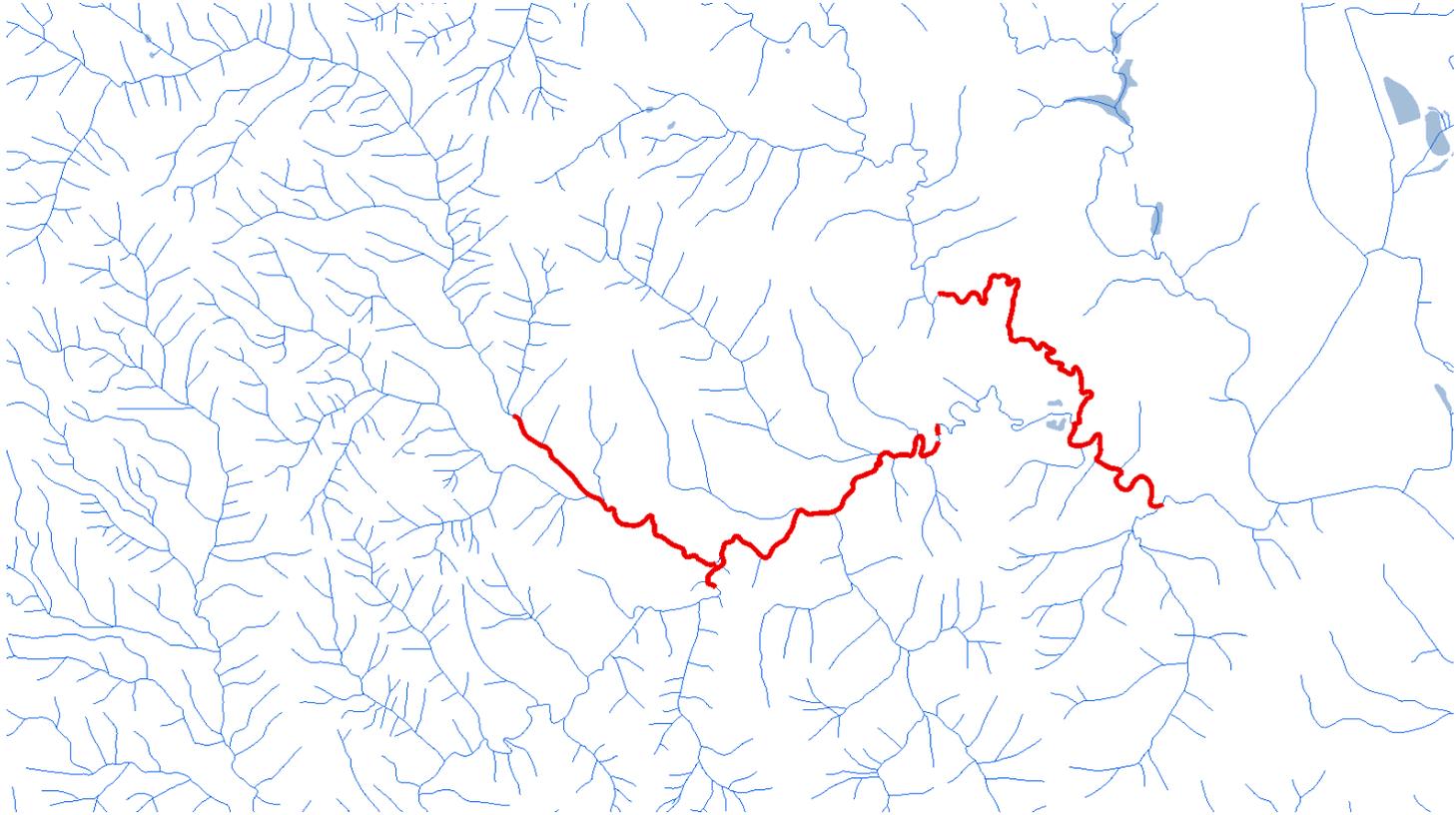


# Why Riparian Zones are Important



# Temperature sensitive water bodies 303 d list



Complete information at - [www.ecy.wa.gov](http://www.ecy.wa.gov)

In order to reach the “Desired Future Condition” what is a reasonable approach to manage my hardwood dominated riparian zone?



Must address the five riparian functions



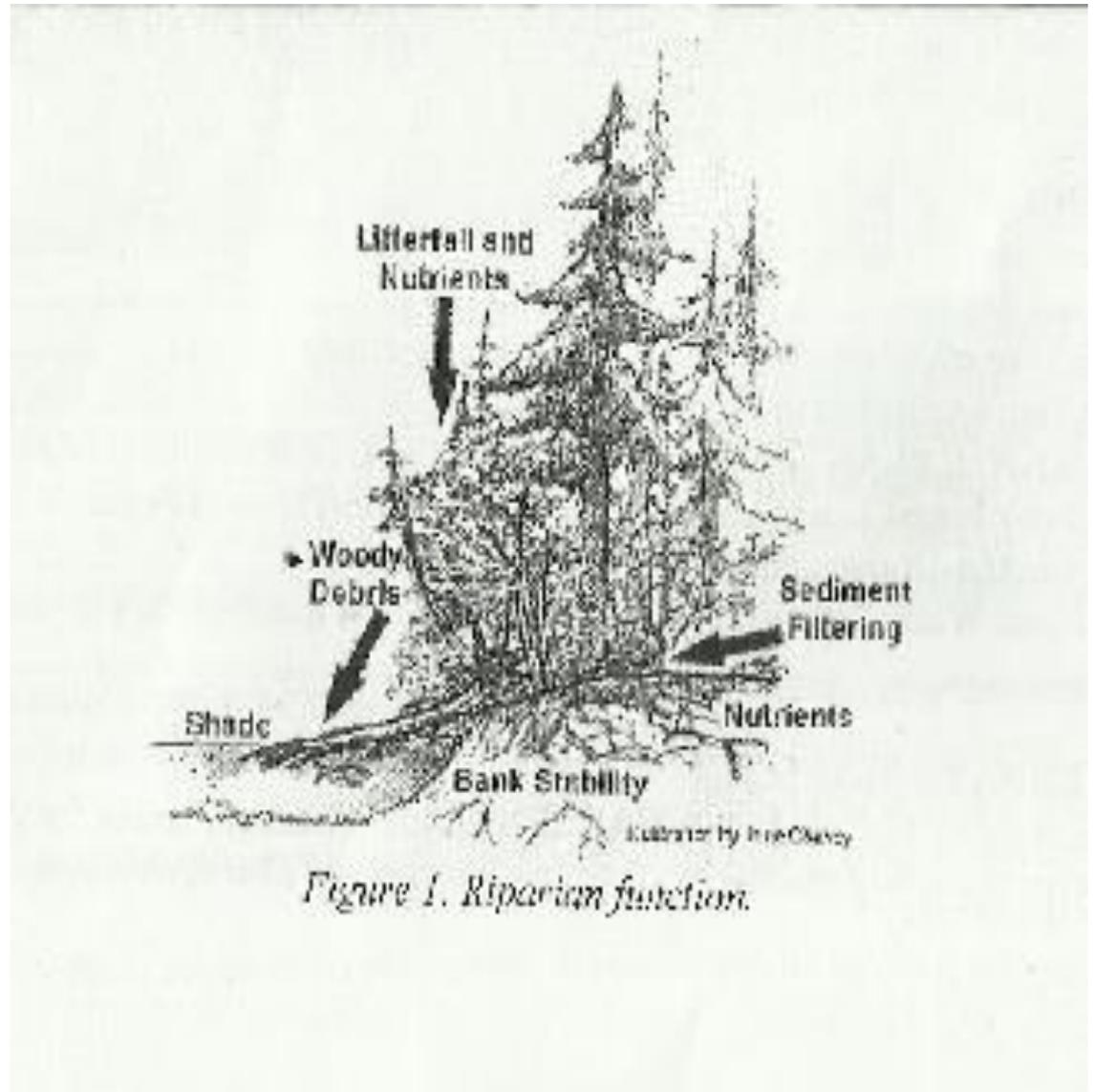
# Sediment Filtering



## Sediment Filtering

- Get DNR permission to access
- Minimize machine use in RMZ
- Utilize erosion control techniques
- Water bars
- Use slash rather than straw
- Seeding
- \*Multi-year Vegetation Management Plan\*

**DO NOT  
DISTURB THE  
DUFF LAYER!**

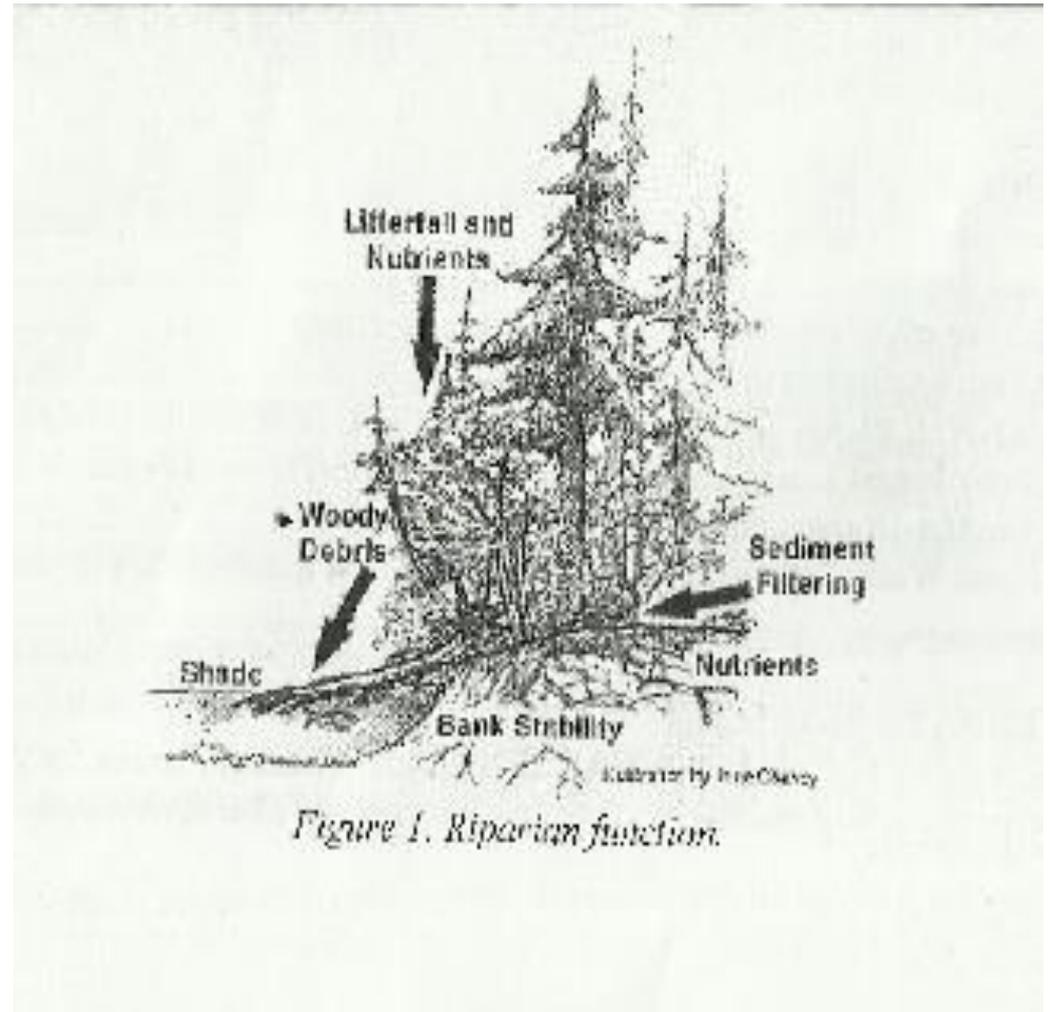


# Woody Debris Recruitment



## Woody Debris Recruitment

- Leave all conifer within the core & Inner zones
- Leave Hardwoods that can provide short term recruitment (especially leaners)
- Stream size & energy provides clues to functional piece size
- Develop & implement a Woody debris placement plan
- Multi-year Vegetation Management Plan

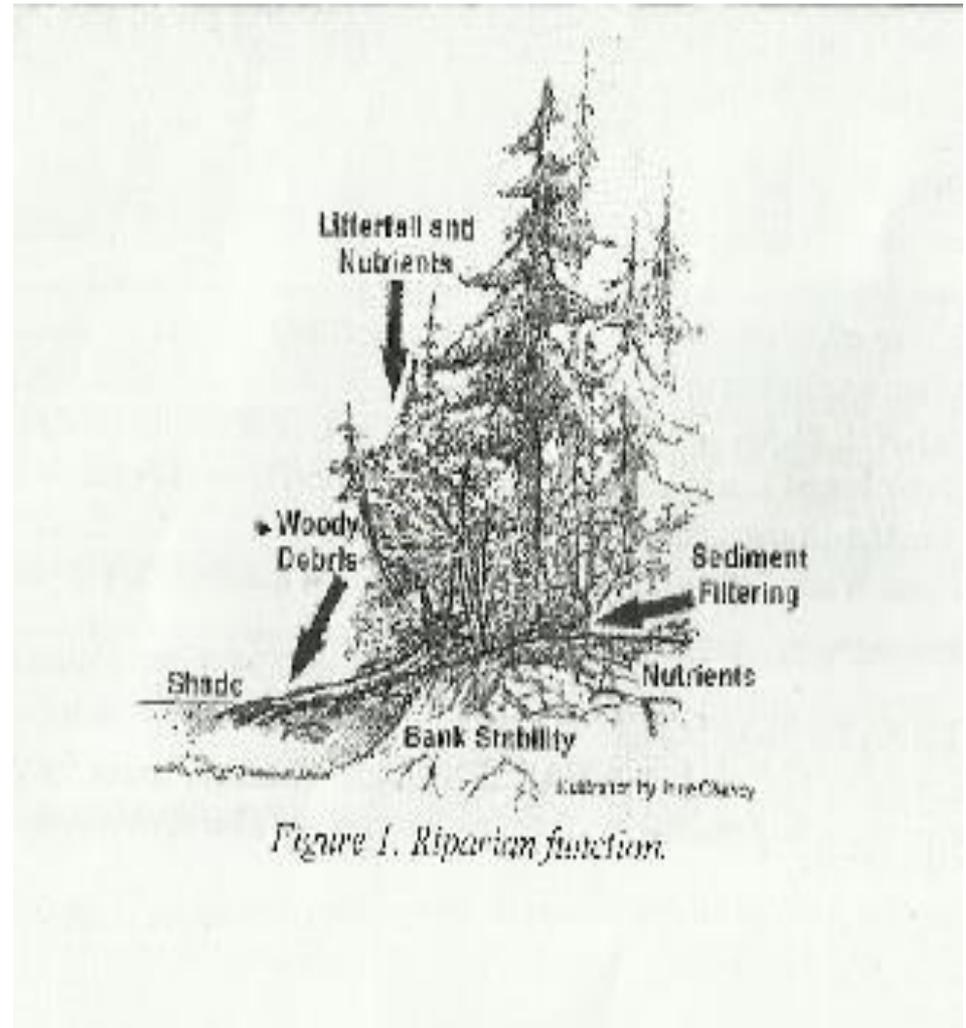


# Stream Bank Stability



## Stream Bank Stability

- Maintain the existing natural structures
- Enhance by woody debris placement
- Underplant shade tolerant species for future stability
- Vegetation Management multi year Plan

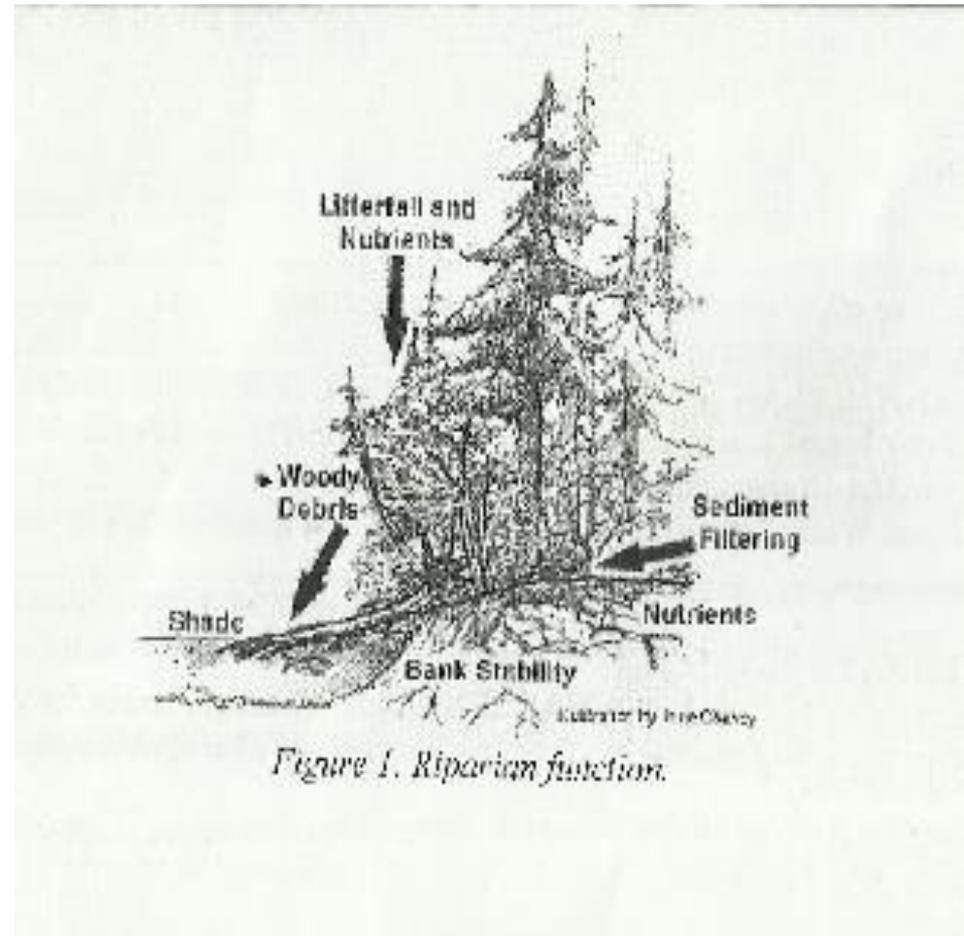


# Stream Shading



## Stream Shading

- Long term benefit vs not as long term impacts
- Harvest 75 feet of any Type S or F Water, the landowner **must demonstrate**, using the methods in the board manual section 1
- Leave all conifers within Inner & Core Zones
- Underplant shade tolerant species in riparian areas that have not been harvested
- Multi-year Vegetation Management Plan

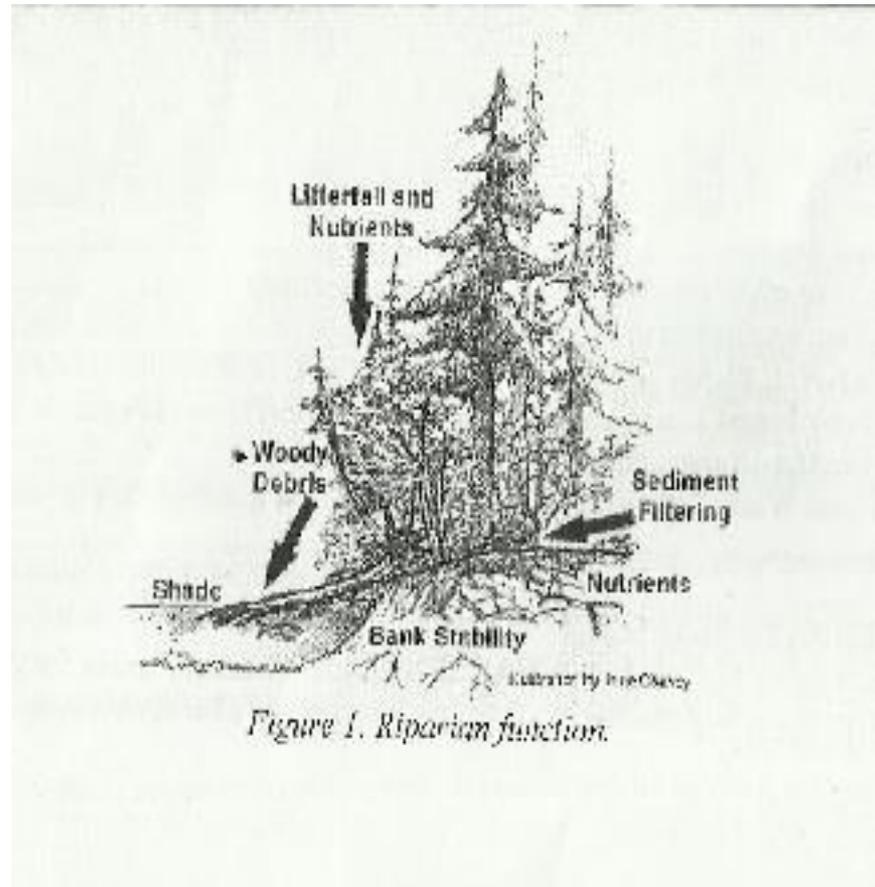


# Nutrient and leaf litter



## Nutrient & Leaf Litter

- Develop & implement a Woody debris placement plan
- Leave conifers and hardwoods (per LWD recruitment)
- Underplant shade tolerant species for future input
- Multi-year Vegetation Management Plan



## Key Points

- Use DFC time frame to demonstrate unmanaged riparian result at 140 years vs proposed management
- Provide shade data
- Multi-year Vegetation Management Plan
- Underplant

