

Nez Perce Clearwater NF Forest Plan Revision

- **Watershed Systems Overview**
- **Forest Plan Components**
 - **Municipal Watersheds**
 - **Water Quality and Quantity**

Watershed Systems

Watershed Integrity

Structure

Composition

Function

Connectivity

Watershed Systems

Structure

Watersheds

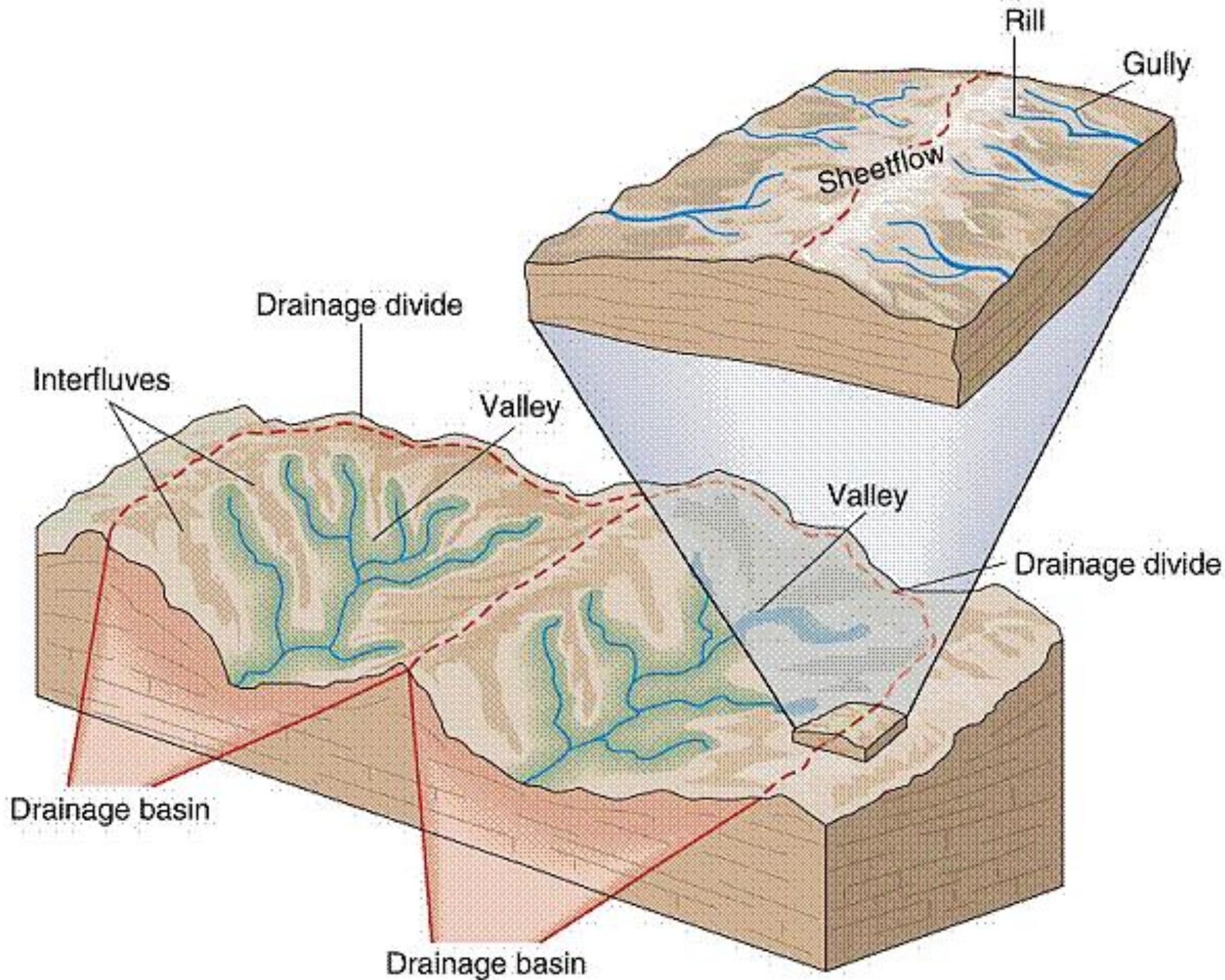
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graph TD; W[Watersheds] --- U[Uplands (terrestrial)]; W --- R[Riparian]; W --- C[Channels (aquatics)]; U -.- R; R -.- C; U --- B[Vegetation, Soils, Water, Groundwater = Habitat for Wildlife and Fish]; R --- B; C --- B;
```

**Uplands
(terrestrial)**

Riparian

**Channels
(aquatics)**

**Vegetation, Soils, Water, Groundwater
=
Habitat for Wildlife and Fish**



Watershed Systems

Composition

Watersheds

**Uplands
(terrestrial)**

Riparian

**Channels
(aquatics)**

**Fish/Wildlife species, Groundwater
Dependent Ecosystems, Water Quality,
Soil Productivity, Timber**

Watershed Systems

Function

Watersheds

**Uplands
(terrestrial)**

Riparian

**Channels
(aquatics)**

**Ecosystem Services (water filtration,
flood control, Climate regulation, Soil
nutrient cycling, Carbon Sequestration),
System Drivers**

Watershed Systems

System Drivers

Wildfire

Floods

Climate Change

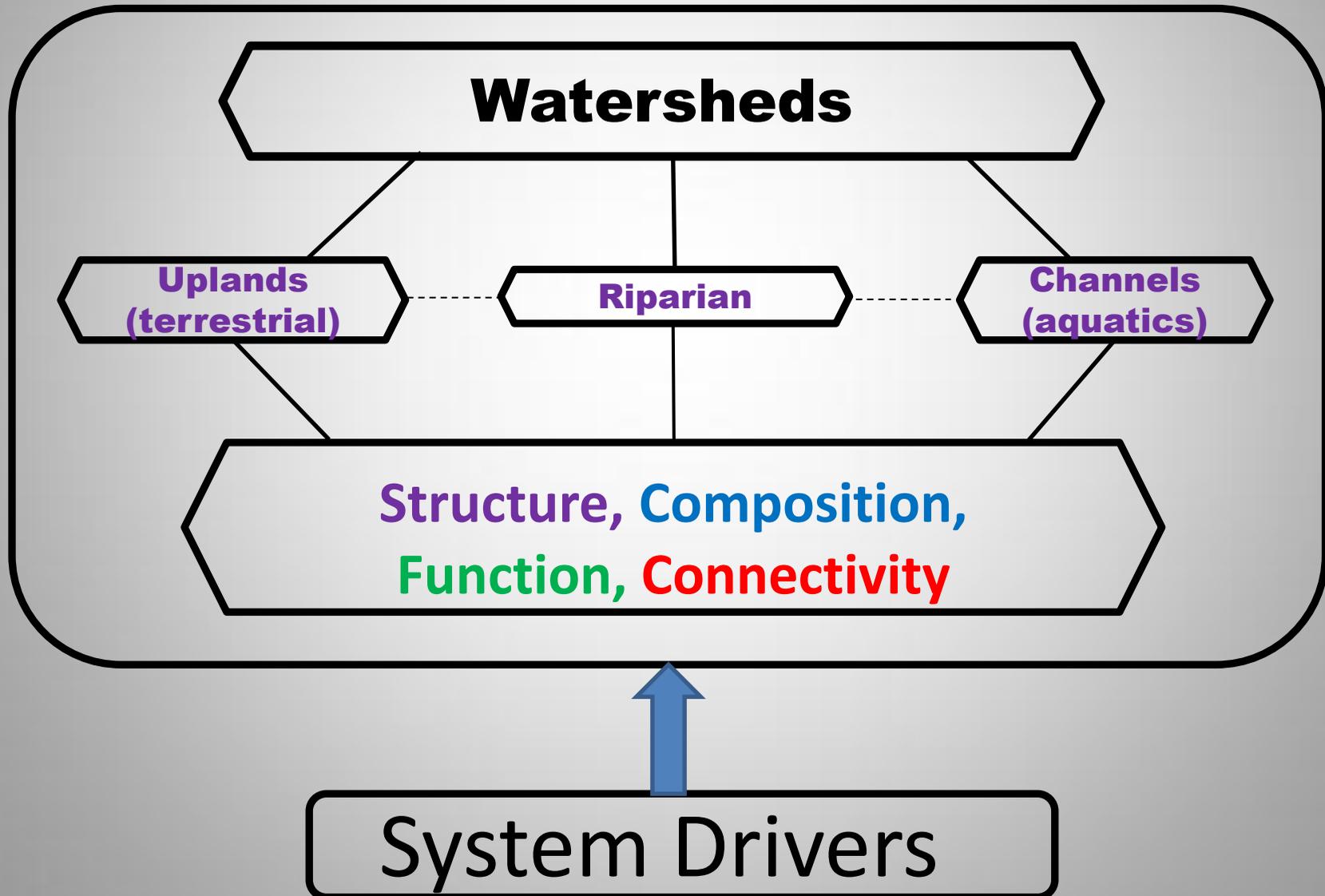
Management Activities

Insects/Disease

Invasive Species

Watershed Systems

Watershed Integrity



Forest Plan Components

- **Watershed Ecosystem Integrity**
- **Aquatic Systems**
 - **Water Quality and Quantity**
- **Groundwater and GW Dependent Ecosystems**
- **Municipal Watersheds**
- **Watershed System Drivers (incomplete)**

Forest Plan Components

- **Relevant Laws and Regulations**
 - **Clean Water Act**
 - **Safe Drinking Water Act**
 - **Organic Act**
 - **National Forest Management Act**
 - **National Environmental Policy Act**
 - **Endangered Species Act**
 - **Idaho Rules for Public Drinking Water**
 - **Idaho's Water Quality Standards**

Forest Plan Components

- **Desired Conditions, Objectives, Standards, and Guidelines**
 - **Maintain Clean Water**
 - **Prevent pollution or degradation**
 - **Restore Impaired waters**
 - **Sediment Erosion Reduction**
 - **Stream temperature**

Watershed Ecosystem Integrity

- Watershed Condition Framework Model

WATERSHED CONDITION INDICATORS (12 Indicator Model)

