

## Natural Resources Management

### I. Federal Agencies

1. Identify the five federal agencies of the United States Department Of Agriculture that are involved with land management and natural resources conservation and the purpose of the agencies.

1. (APHIS)- Animal + Plant Health Inspection Service

Purpose : - provides leadership in ensuring health care of animals + plants  
 - improves agricultural productivity + competitiveness  
 - contributes to national economy + public health

2. (FSA)- Farm Service Agency

Purpose : - implements agricultural policy  
 - administers credit + loan programs  
 - manages conservation, commodity, disaster + farm programs

3. Forest Service

Purpose : - administers programs for applying sound conservation + utilization practices to natural resources of national forests + gravelands

4. (NIFA)- National Institute of Food + Agriculture

Purpose : - works with universities + public/private organizations to advance research, extension, + education in food/agriculture sciences

5. (NRCS)- Natural Resources Conservation Service

Purpose : - provides leadership in a partnership effort to help people conserve, maintain + improve our natural resources + environment

2. Identify the four federal agencies of the United States Department Of The Interior that are involved with land management and natural resources conservation and the purpose of the agencies.

### 1. Bureau of Land Management

Purpose : - manages 264 million surface acres of public lands (12 western states)  
 - manages 300 million acres below ground (throughout the country)  
 - (recreational, natural, historical, cultural)

### 2. National Park Service

Purpose : - preserves the natural + cultural resources + values of national park system for enjoyment, education, + inspiration  
 (388 areas, 84 million acres → US (49 states))  
 - DC.  
 - Samoa  
 - Guam  
 - Puerto Rico  
 - Saipan  
 - Virgin Islands

### 3. U.S. Fish + Wildlife Service

Purpose : - protect a healthy environment for people, fish, + wildlife  
 - conserve + enjoy the outdoors, + living treasures (migratory birds, endangered species, marine mammals, fish)

### 4. U.S. Geological Survey

Purpose : - collects, monitors, + analyzes, + provides scientific understanding about natural resource conditions, issues, + problems (no regulatory or management mandate)

## II. Iowa Department Of Natural Resources

1. Identify the four Iowa DNR agencies of the Environmental Services Division and the purpose of the agencies.

### 1. Air Quality Bureau

Purpose : - manages asbestos, compliance + monitoring, stack testing, emissions inventory, program development, permits

### 2. Field Services + Compliance Bureau

Purpose : - local representatives of the Environmental Services Division  
 - help people understand environmental services programs

3. Land Quality Bureau

Purpose: - protects land + groundwater resources (contaminated sites, regulating petroleum underground storage tanks, solid waste management facilities, pollution prevention)

4. Water Quality Bureau

Purpose: - manages programs including safe drinking water, wastewater, storm water discharge, industrial pretreatment, drinking water system construction, water quality monitoring, watershed improvement programs

2. Identify the six Iowa DNR agencies of the Conservation & Recreation Division and the purpose of the agencies.

1. Engineering / Land + Water (Engineering Services Bureau)

Purpose: - oversee construction projects for DNR after policies + programs have been created

2. Fisheries

Purpose: - ensure quality fishing in lakes, ponds, rivers, streams  
(create fish habitat, accessible shorelines, improved water quality)

3. Forestry Bureau

Purpose: - addresses forestry needs from private land, public land, urban, fire, + forest health

4. Law Enforcement

Purpose: - protects + enhances Iowa's natural resources  
(oversee fisheries, wildlife parks, forestry)

5. Parks + Preserves

Parks - (71: Northwest, Northeast, Southwest, Southeast)  
Forests - (Loess Hills, Shimek, Stephens, Yellow River) + timber sales  
Preserves - (Natural, Geological, Archaeological, Historical, Scenic)

6. Wildlife

Purpose: Management - manages over 356,000 acres that are available for public recreational use

Diversity - works with species that are not hunted, trapped, or fished ("non-game wildlife")

Research - research conducted by biologists + technicians