

Biologist Job Description

- Develops and manages the scientific programs and philosophy of the wildlife management agency
- Provides administrative and technical support to biologists engaged in research projects and wildlife management activities
- Communicates scientific information to the public and governmental agencies
- Evaluates new techniques and technologies that might be used in wildlife management programs and evaluates their potential for application to problems with wildlife populations
- Plays a fundamental role in all programs by incorporating approaches from other disciplines that can improve conservation practices
- Serves as advisor to other staff on matters concerning wildlife habitat, species, and population growth and distribution. Other areas include food habits, physiology, diseases, mating habits, and life span of animals
- Specifies habitat areas in which wildlife populations can be adequately supported
- Helps determine the numbers of animals that should be harvested in a given season
- Prepares biological data and reports used to make sound decisions concerning wildlife management and regulations
- Prepares budgets and recommends funding priorities based on needs and available resources
- Conducts studies to determine the causes of mortality, diseases, food habits, mating habits, life span of animals, etc.
- Investigates complaints from the public about wildlife problems such as nuisance animals and assists in resolving them (e.g., wild animal trapped in house)
- Recommends the use of different methods for controlling population growths or increasing species survival rates (e.g. birth control for overpopulated species)

- Identifies the effects of human intrusion into wildlife habitats and establishes measures to preserve the delicate balance between humans and animals
- Uses scientific methods to determine the age of young animals and provides advice on population control
- Prepares reports on trends in wildlife populations, food habits, mating habits, life span of animals, etc.
- Keeps records on local wildlife populations and data results from field research studies
- Organizes field trips for students or guests to study or view wild animals in their natural habitats or zoos.