



# Ecology Conservation & Management Certification



The Ducks Unlimited Ecology Conservation & Management Certification verifies that individuals have obtained exceptional knowledge and skills in the areas of ecological principles and wildlife management, as well as habitat, forest, grasslands, wetlands and waterfowl conservation and management.

## CERTIFICATION EXAM

The certification exam, tested for on the iCEV platform, consists of 100 questions and assesses knowledge and skills from the following weighted industry standards:



20%

Ecological Principles



10%

Species Identification



30%

Wildlife Conservation & Management



40%

Habitat Conservation & Management

## MEETING THE INDUSTRY NEED

- Assesses Competencies Based on Weighted Industry-Valued & Industry-Accepted Standards
- Validates Knowledge & Skills
- Allows Employers to Identify & Connect with Skilled Candidates
- Jump-Starts Individuals' Careers

## INDUSTRY STANDARDS BREAKDOWN

### ECOLOGICAL PRINCIPLES

- Ecological Systems
- Ecological Succession
- Monitoring & Sustaining Ecosystems

### SPECIES IDENTIFICATION

- Non-Game Animals
- Predator & Furbearers
- Game & Upland Birds
- Waterfowl

### WILDLIFE CONSERVATION & MANAGEMENT

- North American Model of Wildlife Conservation
- Population Ecology
- Management Plans

### HABITAT CONSERVATION & MANAGEMENT

- Types of Habitats
- History of Conservation
- Importance of Conservation Benefits, Threats, Legislation and Conservation & Management of the Following Habitats:
  - Forests
  - Grasslands
  - Wetlands

## EXAMPLE ASSESSMENT QUESTIONS

1. Which of the following best describes agroforestry?

- A** Invasive plant species are planted to thin out weaker trees
- B** Mature trees are logged first to allow thinner trees to flourish
- C** Trees grown in areas of agriculture which are used to stabilize environmental conditions of crops
- D** Large farms growing young trees to be replanted into the forest

2. Which of the following species is shown in the image?

- A** Lesser prairie chicken
- B** Dusky grouse
- C** Sooty grouse
- D** Greater prairie chicken



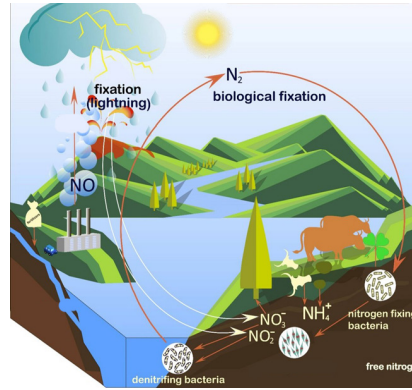
3. Which of the following best describes a niche?

- A** How organisms match and respond to environmental conditions
- B** How an environment progresses a stage in succession
- C** How individuals interact negatively between other individuals within the same species
- D** How organisms interact between species

4. The Migratory Bird Conservation Act created the Migratory Bird Conservation Commission in 1929 in order to evaluate and approve federal land for wildlife refuges using federal funding. This commission is made up of the secretary of agriculture, two senators, two members of the house of representatives and the \_\_\_\_\_.

- A** President
- B** Commissioner of Agriculture
- C** Secretary of the Interior
- D** Chief Biologist of the U.S. Fish and Wildlife Service

5. Label the nitrogen cycle.



## TESTING PLATFORM

Ducks Unlimited utilizes iCEV, a division of CEV Multimedia, as the testing platform for this certification.

iCEV fulfills the following responsibilities:

1. Provides secure testing technology for certification exams
2. Regulates testing environments
3. Works with secondary and post-secondary academic institutions, workforce development associations and the public at large to offer certification options for career advancement
4. Provides certification verification to employers for potential job applicants
5. Offers optional certification exam preparation materials

## ABOUT DUCKS UNLIMITED

Ducks Unlimited Inc. is the world's largest nonprofit organization dedicated to conserving North America's continually disappearing waterfowl habitats. Established in 1937, Ducks Unlimited has conserved more than 15 million acres thanks to contributions from more than a million supporters across the continent. Guided by science and dedicated to program efficiency, DU works toward the vision of wetlands sufficient to fill the skies with waterfowl today, tomorrow and forever.

"It's important that students understand not only the conservation and ecology of wildlife and wildlife habitat, but also their personal roles as future stewards."

**Mark Horobetz**  
 Manager of National R3 Programs  
 Ducks Unlimited