

# Careers in Florida's Freshwater Environments Answers

## DVD Worksheet



Name: \_\_\_\_\_ Class Period: \_\_\_\_\_ Date: \_\_\_\_\_

1. Many people enjoy the recreational and leisure activities that Florida's freshwater lakes, rivers, wetlands and springs have to offer. List your favorite freshwater activities:

- Answers may vary: canoeing, kayaking, fishing, boating, snorkeling, SCUBA, bird watching, swimming, water skiing, etc.
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2. A person who studies wildlife behavior is a wildlife biologist.

3. Describe the typical duties of a botanist (plant scientist):

Make maps of where plants grow; document which types of plants are growing in an area; identify native and non-native plants, etc.

4. Individuals who control and manage aquatic plants for a living are called: Aquatic Plant Managers.

5. Environmental changes from droughts, floods, hurricanes, pollution, overuse and development of freshwater environments can often reversed by: restoration

6. Compare and contrast facilities needed in an aquatic plant nursery versus a terrestrial plant nursery.

An aquatic plant nursery would need lots of water tanks, ponds, etc. to grow plants in water. A terrestrial nursery would need the same type of greenhouse but without the ponds/tanks. Both need laboratories for cloning plants and dealing with plant diseases and solving other problems.

7. How does an environmental law enforcement officer help Florida's freshwater environments?

They make sure control and restoration activities are carried out properly; they inspect plant shipments for invasive species, diseases or other problems (import/exports); they make sure permits are followed closely for planting and/or removing plants, etc.

8. Water chemistry technicians can also play a role in protecting Florida waters. Describe one way:

A water chemistry technician analyzes water quality and can alert people if the water chemistry is changing. They can also detect if untreated wastewater might be escaping into our waterways.



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9. Some people study plants and animals in our natural areas and then make a career out of teaching this information to people in parks and other public venues. Name one of these careers: **park ranger, park manager, or tour guide**

10. Commercial fishing and aquaculture are two very important industries in Florida. What types of jobs are connected to these industries?

**fish biologist, field or laboratory technicians, fish veterinarians, commercial fishing, fishing guide, fish camp operators, etc.**

11. Describe two careers that involve writing and/or communicating with the public about nature (including Florida's freshwater environments):

**Information specialists, outdoor writer, photographers, artists, videographers, public relations, etc.**

12. Choose one career, from this video, that interests you and explain why you think the job would be interesting.

**Answers will vary.**

For more information on the subject, visit this web page: <http://plants.ifas.ufl.edu/careers.pdf>

