



NATURAL
RESOURCES

Restoration Specialist

Restoration Specialists investigate the connections between organisms and the environment in a variety of settings and make recommendations for improvements to reestablish natural ecosystems. This work will typically include assisting in the implementation of those recommendations.



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career profile

Name: Gerald Franzen
Job Title: Restoration
Specialist


Employer: Green Mountain Consulting

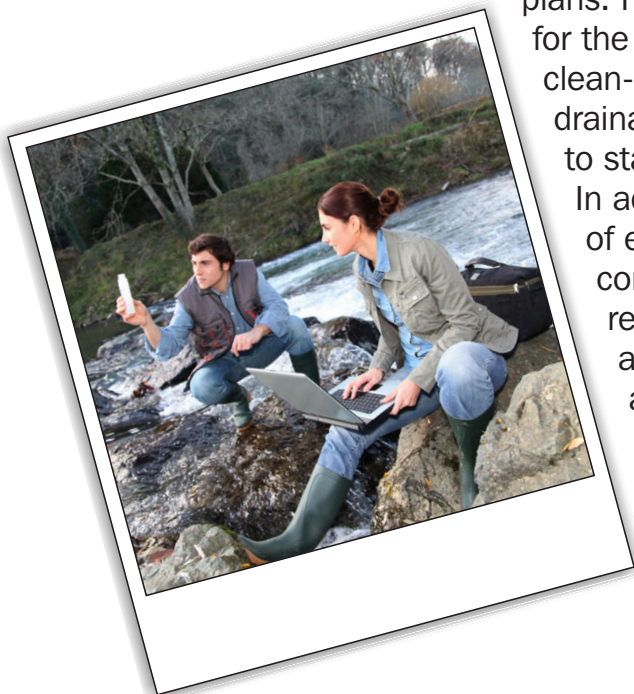
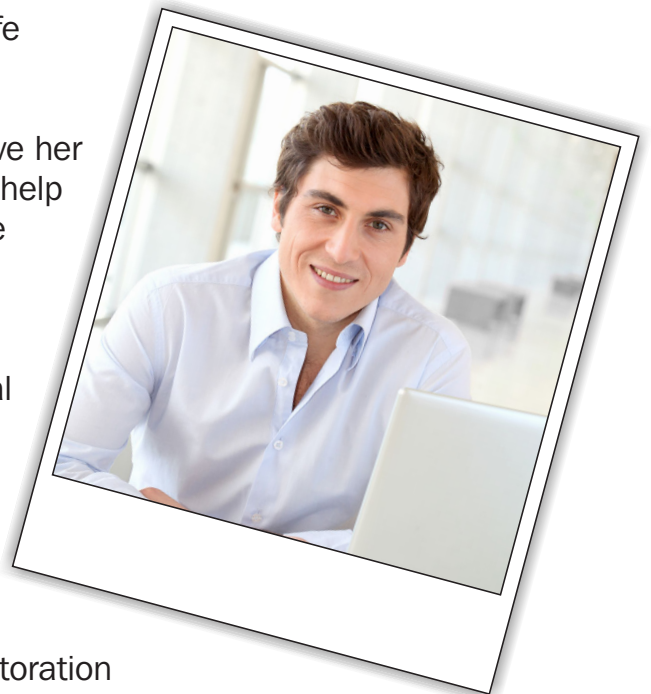
Education: BS, Colorado State University: Fort Collins

 I was introduced to the importance of wildlife habitat and ecosystems in a high school natural resources and environmental science class. My teacher was passionate about the topic, and I give her credit for getting me interested as well. With her help I found a university where I could major in wildlife science and management.

 I now work for a consulting company that specializes in restoring wildlife habitat and natural ecosystems. I evaluate habitats for environmental damage or restoration needs. I study the ecological effects of pollutants, disease, human activities, nature, and climate change. This aspect of my job involves collecting and analyzing data. Based on the assessment, I create habitat management or restoration

plans. For example, plans may call for the removal of invasive species, the clean-up of toxic substances, or the improvement of drainage patterns. In the course of my work, I adhere to state and federal standards, laws, and regulations. In addition, I examine the feasibility and cost-benefit of environmental remediation projects. I communicate findings of environmental studies and recommendations for remediation to those people and organizations involved. Occasionally, I create and use environmental models or simulations to illustrate concepts during presentations.

 I really enjoy speaking about my work to my former teacher's high school classes every year. I feel fortunate because I'm passionate about my career. In fact, I look forward to going to work.



Restoration Specialist

overview



A **restoration specialist** makes recommendations for improvements to re-establish natural ecosystems.

suggested high school courses



agricultural science, environmental science, natural resources, biology, botany, chemistry, and mathematics

experience needed



Participate on campus in labs and research trials when possible. Seek an internship while in school. Plan and implement a related Supervised Agricultural Experience (SAE) Program.

degree(s) required



A bachelor's degree in environmental science, natural resources management, biology, or a related field is required.

potential employers



consulting firms, government agencies, research laboratories, universities

salary range



\$39,953 to \$78,980

employment outlook and trends



Employment growth for restoration specialists is expected to be much faster than average, or **high**.

professional organizations



Ecological Society of America www.esa.org/portland/
Society for Ecological Restoration International www.ser.org/



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