

Conservation, Restoration, and Land Use



Conservation	<p>Jobs: conservation scientist, national park ranger, wildlife biologist, conservation program manager</p> <p>Description: manage natural habitats in parks, forests, and rangelands, research and protect wildlife, provide historical and natural programming in parks</p>
Restoration	<p>Jobs: waste management, environmental remediation technician, environmental consultant, hydrologist</p> <p>Description: restore natural habitats for wildlife and recreational use, remove and prevent pollution in water sources and soil, assist in urban planning from environmentally conscious perspective</p>
Land Use	<p>Jobs: Land management and planning, zoning technician, construction management, urban planner, civil/environmental engineer</p> <p>Description: manage urban and industrial planning, construction, and zoning</p>

Degree/requirements:

- ❖ At least bachelor's degree, typically in geosciences, environmental science, biology, chemistry, forestry, natural resource management, engineering
- ❖ Most positions require previous work in a related field
- ❖ U.S. citizenship, valid driver's license

Industries: Conservation, Environmental Remediation, Forestry, Agriculture, Industrial, National Park Service, U.S. Bureau of Land Management, EPA

Location:

- ❖ Jobs available in most areas of United States and worldwide in both public and private sector
- ❖ 424 national parks in U.S., 22 state parks in VA



VERA
virginia environmental
restoration association

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Additional Skills/certifications (depending on job):

- ❖ Knowledge in biology, chemistry, forestry, horticulture, urban planning, ecology, botany
- ❖ First Aid/emergency medical skills, Federal Emergency Management Agency (FEMA) active badge
- ❖ Interpersonal/communication and administrative skills, interpretive and informative services

References:

- ❖ <https://www.bls.gov/ooh/life-physical-and-social-science/urban-and-regional-planners.htm#tab-1>
- ❖ <https://www.dcr.virginia.gov/land-conservation/tools-local-government>
- ❖ https://www.bls.gov/green/environmental_remediation/remediation.htm
- ❖ <https://www.bls.gov/ooh/life-physical-and-social-science/conservation-scientists.htm#tab-5>
- ❖ <https://diversityinconservationjobs.org/thinking-about-a-career-in-conservation/#:~:text=Students%20who%20want%20a%20career,chemistry%2C%20or%20other%20related%20disciplines.>

Job statistics:

Conservation and forestry:

- Pay range: \$40,000 to \$100,000
- Job outlook (2021-2031): 5% growth
- 3,800 yearly openings

Restoration:

- Pay range: \$40,000 to \$100,000
- Job outlook (2021-2031): 5% growth
- 7,800 yearly openings

Land use (urban planning):

- Pay range: \$50,000 to \$120,000
- Job outlook (2021-2031): 4% growth
- 3,800 yearly openings

