

Conservation Scientists (19-1031)

Occupation description: Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or to protect rangelands. May instruct farmers, agricultural production managers, or ranchers in best ways to use crop rotation, contour plowing, or terracing to conserve soil and water; in the number and kind of livestock and forage plants best suited to particular ranges; and in range and farm improvements, such as fencing and reservoirs for stock watering. Excludes Zoologists and Wildlife Biologists (19-1023) and Foresters (19-1032).

Employment and Job Openings

	Average employment			Average annual openings		
	2014 estimate	2024 projection	Percent change	Growth	Replacement	Total
Alaska	207	218	5.3	1	9	10
United States	21,100	22,500	6.9	140	920	1,060

Job outlook

Alaska: Alaska's employment growth is low with moderate employment opportunities. [Read more.](#)

2015 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	30.67	17.97	22.73	29.38	36.61	44.15
Alaska	43.38	27.11	33.82	41.78	52.47	61.55
Anchorage/Mat-Su Area	44.33	25.85	30.76	43.01	56.97	62.16
Balance of State	39.08	27.11	31.77	39.32	45.30	48.91

Labor Force Indicators

2015 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
69	12	17.4	57.9	45.6

2015 Potential Supply

Qualified but working in another occupation	11
Currently employed in a lower paid occupation	3
UI claimants previously working in occupation	1

2015 ALEXsys Employment Data

Number of registrants	180
Number of job position postings	46
Ratio of registrants to job position postings	3.9

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

	Degree
Alaska Geographic (Anchorage)	
Alaska Geographic Field Courses	
	Degree
Partners for Progress in Delta, Inc (Delta Junction)	
Defensible Space & Forestry	
	Degree
University of Alaska Anchorage, Mat-Su (Palmer)	
Sustainable Energy	OEC
	Degree
University of Alaska Fairbanks (Fairbanks)	
Wildlife Biol & Conservation	Bac
Wildlife Biol & Conservation	Mas
Wildlife Biol & Conservation	PhD
	Degree
University of Alaska Fairbanks, Bristol Bay (Dillingham)	
Sustainable Energy	OEC
	Degree
University of Alaska Fairbanks, CTC (Fairbanks)	
Renewable Resources	AAS
	Degree
University of Alaska Fairbanks, Interior Alaska (Fairbanks)	
Renewable Resources	AAS
Sustainable Energy	OEC
	Degree
University of Alaska Southeast, Juneau (Juneau)	
Geography & Environ Resources	Bac

Degree

Vocational Training and Resource Center (Juneau)	
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Wildlife/Forestry Conservation	
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