

## 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

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	206	209	1.5	4	13	17
United States	22,300	23,700	6.3	500	1,400	2,040

#### Job outlook

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

### 2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	32.23	18.88	23.79	30.12	38.28	47.14
Alaska	35.96	21.52	26.66	32.60	43.06	55.85
Anchorage/Mat-Su Area	34.45	22.27	25.94	31.90	38.88	50.00
Balance of State	38.82	17.09	25.41	37.01	49.59	67.83

### Labor Force Indicators

#### 2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
74	16	21.6	53.3	41.7

#### 2016 Potential Supply

Qualified but working in another occupation	7
Currently employed in a lower paid occupation	4
UI claimants previously working in occupation	1

#### 2016 ALEXsys Employment Data

Number of registrants	190
Number of job position postings	57
Ratio of registrants to job position postings	3.3

## 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

	<b>Degree</b>
<b>Alaska Geographic (Anchorage)</b>	
Alaska Geographic Field Courses	
	<b>Degree</b>
<b>Partners for Progress in Delta, Inc (Delta Junction)</b>	
Defensible Space & Forestry	
	<b>Degree</b>
<b>University of Alaska Anchorage (Anchorage)</b>	
Environmental Regulation & Permitting	GCRT
	<b>Degree</b>
<b>University of Alaska Anchorage, Mat-Su (Palmer)</b>	
Sustainable Energy	CT1
	<b>Degree</b>
<b>University of Alaska Fairbanks (Fairbanks)</b>	
Natural Resources & Sustainability	PhD
Natural Resources Management	BS
Natural Resources Management	MS
Natural Resources Management & Geography	MNR
Science Management	MS
Wildlife Biology & Conservation	PhD
	<b>Degree</b>
<b>University of Alaska Fairbanks, Bristol Bay (Dillingham)</b>	
Sustainable Energy	OEC
	<b>Degree</b>
<b>University of Alaska Fairbanks, Kuskokwim (Bethel)</b>	
Sustainable Energy	OEC
	<b>Degree</b>
<b>University of Alaska Fairbanks, Northwest (Nome)</b>	

High Latitude Range Management	CT2
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**Degree**

**University of Alaska Fairbanks, Rural College (Fairbanks)**

Sustainable Energy	OEC
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**Degree**

**Vocational Training and Resource Center (Juneau)**

Wildlife/Forestry Conservation	
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September 29, 2020