

## Conservation Scientists

19-1031.00



**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.

### Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

**Sample of Reported Job Titles:** Conservationist, Environmental Analyst, Erosion Control Specialist

### Job Zone

**Title:** 4 - Considerable Preparation Needed

**Education:** Require a four-year bachelor's degree.

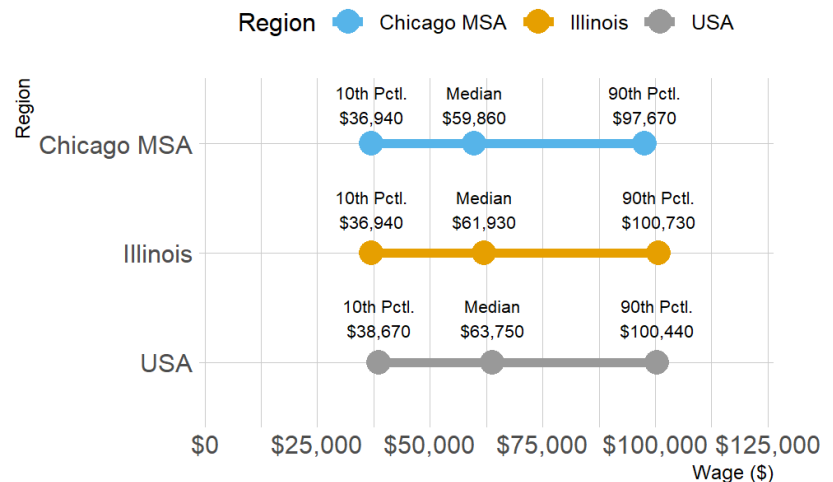
**Experience:** A considerable amount of work-related skill, knowledge, or experience is needed.

**Training:** Several years of work-related experience, on-the-job training, and/or vocational training needed.

**Core Certifications:** Certified Erosion, Sediment and Storm Water Inspector, Certified Professional in Erosion and Sediment Control

**Hot Technologies:** Adobe Systems Adobe Acrobat, Autodesk AutoCAD, ESRI ArcGIS software, Geographic information system GIS software, Microsoft Access

Region	Employment	Location Quotient	Median Wage
Chicago MSA	520	0.77	\$59,860
Illinois	890	0.99	\$61,930
USA	22,550	—	\$63,750



### Top 5 Core Tasks According to Current Job Holders

**Importance**  
**Frequency (out of 100)**

Implement soil or water management techniques, such as nutrient management, erosion control, buffers, or filter strips, in accordance with conservation plans.

More than weekly

89

Advise land users, such as farmers or ranchers, on plans, problems, or alternative conservation solutions.

More than yearly

85

Monitor projects during or after construction to ensure projects conform to design specifications.

More than monthly

85

Visit areas affected by erosion problems to identify causes or determine solutions.

More than monthly

85

Develop or maintain working relationships with local government staff or board members.

More than monthly

81