

## 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.

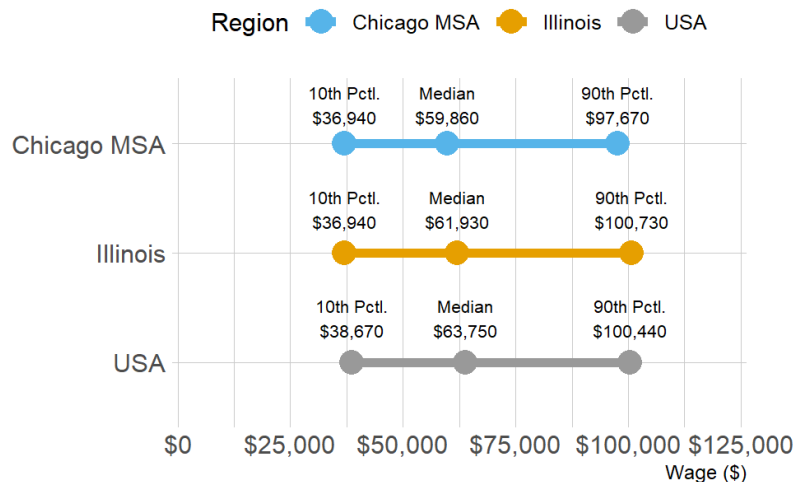
**Experience:** A considerable amount of work-related skill, knowledge, or experience is needed.

**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, Microsoft Access, Microsoft Active Server Pages ASP, Microsoft Office Suite

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	Frequency	Importance (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