



Image Source: Canva

CAREERS

Environmental Scientists

What they do:

Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist. May collect samples of gases, soil, water, and other materials for testing.

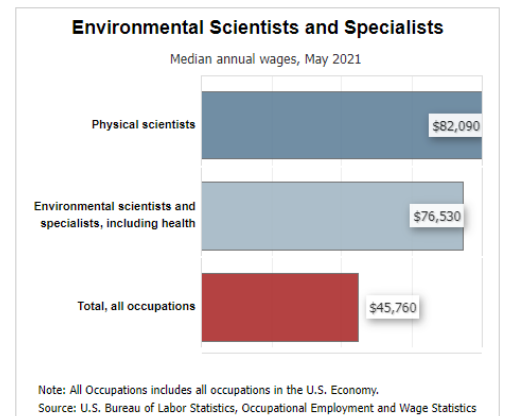
National Average Salary: \$76,530

Source: U.S. Bureau of Labor Statistics

ENVIRONMENTAL SCIENTISTS

Environmental scientists and specialists analyze environmental problems and develop solutions to them. For example, many environmental scientists and specialists work to reclaim lands and waters that have been contaminated by pollution. Others assess the risks that new construction projects pose to the environment and make recommendations to governments and businesses on how to minimize the environmental impact of these projects. Environmental scientists and specialists may do research and provide advice on manufacturing practices, such as advising against the use of chemicals that are known to harm the environment.

Source: [U.S. Bureau of Labor Statistics](https://www.bls.gov)



Environmental Engineers

Environmental Engineers

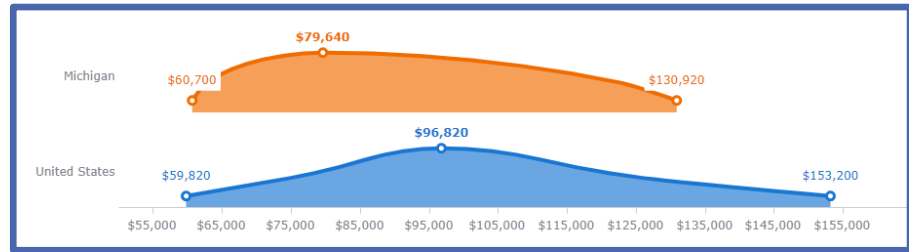
What they do:

Research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.



Image Source: Canva

Environmental Engineers provide technical support for environmental remediation or litigation projects, including remediation system design or determination of regulatory applicability. They collaborate with environmental scientists, planners, hazardous waste technicians, engineers, experts in law or business, or other specialists to address environmental problems. They assess the existing or potential environmental impact of land use projects on air, water, or land.



Source: [My Next Move](#)

Water/Wastewater Engineers

What they do:

Design or oversee projects involving provision of potable water, disposal of wastewater and sewage, or prevention of flood-related damage. Prepare environmental documentation for water resources, regulatory program compliance, data management and analysis, and field work. Perform hydraulic modeling and pipeline design.

National Average Salary: \$90,804

Source: My Next Move

Water/Wastewater Engineers

Water and Wastewater Engineers provide technical direction or supervision to junior engineers, engineering, or computer-aided design (CAD) technicians, or other technical personnel. They review and critique proposals, plans, or designs related to water or wastewater treatment systems. They design domestic or industrial water or wastewater treatment plants, including advanced facilities with sequencing batch reactors (SBR), membranes, lift stations, headworks, surge overflow basins, ultraviolet disinfection systems, aerobic digesters, sludge lagoons, or control buildings.

Source: [My Next Move](#)



Image Source: Canva

Science Olympiad was designed to help students build STEM skills and understanding through inquiry-based challenges, starting in kindergarten all the way through high school. MSO engage industry professionals, institutions of higher education, community mentors, and Science Olympiad alumni to ensure that our programming exposes students to the latest scientific innovations and breakthroughs and prepares them for what's next.