

ENVIRONMENTAL SCIENCE- Career Resource Guide

Sample Career Options

Environmental Analyst	Conduct research studies to develop theories or methods of controlling sources of environmental pollutants.
Environmental Scientist/Specialist	Analyze samples of air, water, and other substances to identify and assess threats to people and the environment.
Forester	Manage and develop forest lands and resources for economic and recreational purposes. Plan and direct forestation projects.
Geographer	Study nature and the use of the earth's surface. Interpret interactions of physical and cultural phenomena.
Hydrologist	Study distribution, disposition and development of waters of land, including storm occurrences, glacier movement, water conservation, water power and flood control.
Occupational Health and Safety Specialist	Analyze many types of work environments and work procedures. Inspect workplaces for adherence to regulations on safety, health and the environment. Design programs to prevent disease or injury to workers and damage to the environment.
Oceanographer	Study the ocean and astronomy to forecast changes in weather or sea conditions. Forecast severe sea conditions due to weather.
Seismologist	Study and interpret seismic data to locate earthquakes and earthquake faults.
Urban Planner	Develop comprehensive plans and programs for utilization of land and physical facilities of cities, counties and metropolitan areas.
Zoologist	Study origin, interrelationships, classification, life histories, habits, diseases, growth and development, genetics and distribution of animals.

Related Job Titles

Air Pollution Analyst	Forester
Air Quality Specialist	Geographer
Conservation Agent	Hydrologist
Ecologist	Meteorologist
Environmental Analyst	Occupational Health and Safety Specialist
Environmental Consultant	Oceanographer
Environmental Engineer	Seismologist
Environmental Lobbyist	Urban Planner
Environmental Technician	Wildlife Manager
EPA Inspector	Zoologist

Career Information Resources

Vault is a comprehensive career resource that includes industry and profession overviews; rankings and profiles for employers and internship programs; a job and internship database; career articles, blogs and videos; sample resumes, cover letters and interview questions; and over 100 career guides. A selection of the Vault Guides is listed below.

Career Launcher:
Energy

Vault Career Guide to...
Energy

Vault Guide to...
Environmental Careers
Environmental Science and Conservation Jobs
Green Programs
Oil and Gas Jobs
Waste Management Jobs

Note: Refer to the CPDC website for a link to Vault as well as the CPDC Tip Sheets and ColonialTRAK job postings.

Selected RMU Activities & Organizations

Alpha Phi Omega (service organization)	Pre-Med Club
Biology Club	Student Government Association
Community Advisors	Student Program Board
Engineers for a Sustainable World	Students for Environmental Awareness
Office of Engaged Learning & Community Involvement	

Associations/Societies

Air and Waste Management Association *	www.awma.org
American Water Works Association *	www.awwa.org
Association for Environmental Health and Sciences Foundation	www.aehsfoundation.org
Environmental Science Association *	www.esassoc.com
National Association of Local Government Environmental Professionals *	www.nalgep.org
National Environmental Health Association *	www.neha.org
National Society of Environmental Professionals *	www.naep.org
National Society of Professional Engineers *	www.nspe.org
Occupational Outlook Handbook – Search Environmental Scientists and Specialists	http://bls.gov/ooh/environmental-scientists-and-specialists
Pennsylvania Department of Environmental Protection *	www.depweb.state.pa.us
Society for Conservation Biology *	www.conbio.org

* Contains employment listings

Career & Employment Websites

Environment Jobs	www.environmentjobs.com
Environmental Career Center	www.environmentalcareer.com
Environmental Career Opportunities	www.ecojobs.com
Environmental Careers Organization	www.eco.org
Environmental Jobs and Careers	www.ecoemploy.com
Environmental Jobs.com	www.environmentaljobs.com
Environmental Protection Agency – Careers and Internships	www.epa.gov/careers
SciCentral	www.scicentral.com

Bachelor-Level Internship/Full-time Hiring Organizations

Alcoa, Inc. – Material Characteristics Specialist	Enterprise Products – Pipeline Technician
American Water – Assistant Operator	Epiphany Solar Water Systems – Intern
Bayer – Intern	Fern Hollow Nature Center – Intern
Clearwater Marine Aquarium – Intern	Hilcorp Energy Company – Environmental Health and Safety
Department of Conservation and Natural Resources- Raccoon Creek State Park – Intern	Pittsburgh Water & Sewer Authority – Intern
Department of Energy – Research Scientist	U.S. Army Corps of Engineers – Intern

Sample of Pittsburgh-Area Environmental Companies

Bristol Environmental Inc.	McCutcheon Enterprises Inc.
CB&I	Michael Baker International LLC
CDM Smith Inc.	Neumeyer Environmental Services Inc.
Civil & Environmental Consultants Inc.	Pace Analytical Services Inc.
Empyrean Services LLC	Prism Response Inc.
Environmental Service Laboratories Inc.	Professional Service Industries Inc.
GAI Consultants Inc.	RJ Lee Group Inc.
Gannett Fleming Inc.	Stantec Architecture and Engineering LLC
Hatch Mott MacDonald	TestAmerica Laboratories Inc.
HDR Inc.	Tetra Tech Inc.
Keystone Clearwater Solutions LLC	Veolia Water Technologies
Max Environmental Technologies Inc.	Weavertown Environmental Group