

ENVIRONMENTAL SCIENCE- Career Resource Guide

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.

Business/Industry 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

Periodicals/Books of Interest

(These resources may be found in the Career Center Library.)

Career Opportunities in Science
Environmental Careers in the 21st Century
Great Jobs for Environmental Studies Majors
Opportunities in Environmental Careers
The Book of U.S. Government Jobs

Selected RMU Academic, Professional & Leadership 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 Student Civic Engagement	

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/oo
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.com	www.environmentaljobs.com
Environmental Jobs and Careers	www.ecoemploy.com
Environmental Protection Agency – Careers and Internships	www.epa.gov/careers
Sci-Central	www.scicentral.com

Bachelor-Level Internship/Full-time Hiring Organizations

Alcoa, Inc. – Material Characteristics Specialist	Enterprise Products – Pipeline Technician
Astrix Technology Group – Account Manager	Fern Hollow Nature Center – Intern
Bayer – Intern	Hilcorp Energy Company – Environmental Health and Safety
Clearwater Marine Aquarium – Intern	Pittsburgh Water & Sewer Authority – Intern
Department of Energy – Research Scientist	Trinity Consultants – Project and Business Development Assistant

Sample of Pittsburgh-Area Environmental Companies

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