



Environmental Engineering

Environmental engineers work to protect the environment from the urban and industrial waste products of our civilization. They are trained to understand the chemical, physical, and biological processes underlying pollutant transport and control so that they can improve and maintain the quality of the earth's atmosphere, land areas, and water resources. Because of their vital role in building and maintaining our society's infrastructure, a large fraction of civil and environmental engineers serve the public by working in local, state, and federal government agencies. In the face of serious environmental and urban problems, civil and environmental engineers are being called on to design solutions that are workable and cost-effective for our society. Few other careers have such immediate and direct impact on our daily lives. Environmental Engineers design and supervise systems that provide safe drinking water and prevent and control pollution in the air, land, and groundwater supply; develop and administer regulations established to protect human health and the environment; develop long-range community or facility plans to serve the public and protect the environment; and conduct research to develop new processes or new applications for existing environmental processes.

Career Opportunities for Environmental Engineering Majors

- Engineering Consultant
- Urban planning
- Designer
- Construction
- Teacher/researcher
- Technical Writer
- Sales
- IT/Computer Services

Employers of Environmental Engineering Majors

- Transportation corporations
- Federal, state, & local government
- Utility companies
- Environmental industry
- Private industry
- Academic institutions
- Telecommunications businesses
- Mining industry
- Consulting firms
- Construction companies
- Military

Professional Associations and Affiliations

Alliance for Public Technology
www.appt.org

American Academy of Environmental Engineers
www.aeee.net

American Association of Engineering Societies
www.aaes.org/

Environmental Engineer
www.environmentalengineer.com

Environmental Protection Agency
www.epa.gov

National Society of Black Engineers
www.nsbe.org

National Society of Professional Engineers
www.nspe.org

PhDs.org
www.phds.org

Search Engineering Jobs
<http://engineering.careerbuilder.com>

Society of Women Engineers
www.swe.org/