Environmental issues, including everything from water quality and quantity to alternative energy or global warming, are at the forefront of most of the political debates and world issues today. Environmental Scientists investigate and seek out natural solutions to environmental problems. They investigate the health and sustainability of our soils to grow food, and look at ways to restore ecosystems and conserve our national natural treasures. Students can choose from one of four specializations in Land, Soil Science, Waste Management, and Water.

**Career Areas/Job Titles:**

- **Management and Industry**
  - Sustainability Officer
  - Ecological Modeler
  - Risk Assessment Specialist
  - Industrial Environmental Manager
  - Home Energy Auditor
  - Agrichemical Consultant
  - Water Resource Specialist
  - Environmental Consultant
  - Land Use Planner

- **Science and Technology**
  - Education
  - Water Quality Specialist
  - Hazardous Waste Manager
  - Atmospheric Scientist

- **Non-Profit/Advocacy**
  - K-12 Science Teacher
  - Laboratory Analyst/Technician
  - Sustainability Coordinator

- **Government/Politics**
  - Environmental Compliance Officer
  - City and Regional Planner
  - Policy Analyst
  - Ecological Restoration Specialist

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Transferable Skills:**

- Biology Focus
- Expressing Ideas
- Planning
- Use Technology Effectively
- Technical Writing
- Gathering Information
- Quantitative Reasoning
- Data Analysis
- Computer Skills
- Teamwork
- Analytical/Critical Thinking
- Problem Solving
- Judgment and Decision-Making
- Planning
- Organization
- Leadership
- Strategic Planning
- Creativity
- Research skills
- Flexibility/Adaptability
- Verbal/Written Communication

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://ccss.osu.edu](http://ccss.osu.edu)*

**Professional Links:**

- Ecological Society of America: [http://www.esa.org/](http://www.esa.org/)

[i: http://majors.osu.edu/pdfview.aspx?id=58]