Environmental Scientist

Job Description
Environmental scientists use their knowledge of natural sciences to protect the environment and human health by analyzing environmental problems and developing solutions. They can help clean up polluted areas, advise policymakers, and/or work with industries to reduce waste.

Core Tasks
- Determine data collection methods for research projects, investigations, and surveys
- Collect and analyze data from air, soil, water, and other materials for analysis
- Develop plans to prevent, control, and/or fix environmental problems
- Provide guidance on possible environmental hazards and risks
- Prepare technical reports to communicate findings

Workplace / Environment
- Work hours
  Approx. 40 hours/week
  (At key milestones overtime work may be required to meet deadlines)
- Environment
  Offices, Laboratories and/or Fieldwork can be expected
  Fieldwork May Be Physically Demanding and subject to weather conditions
- Travel
  Some travel may be required to meet with clients or present research at conferences.

Education / Prerequisites
- Education Level
  Bachelor’s in Environmental Science or a related field for entry level positions. Higher level positions may require a master’s or doctorate degree
- Licensing
  Certified Environmental Scientist Certification (NREP)
- Pre-Job Preparation
  Advanced courses in STEM, and intern experience are extremely helpful
  High School:
  - LW Watershed Internship
  - Sustainability Ambassadors
  - MSEEC – Env Science Practicum

Experience
- Soft skills
  - Communication
  - Analytical Skills
  - Problem-solving skills
  - Project Management

Technical skills
- Data collection
- Data analysis
- Knowledge of local environment

Salary
- Entry – $42,520
- Middle – $71,130
- Top – $124,620