Pollution Prevention and Remediation (PPR)

The PPR specialization prepares students to recognize pollutants, characterize the extent and consequences of pollution in the environment, identify and evaluate alternatives for remediation and prevention, and evaluate the economic and political viability of alternatives.

PPR students study the fate and transport of pollutants, microbial processes, bioremediation, pollution prevention, as well as develop tools in the sciences, management and technical realms. For a more detailed listing of the curriculum, please visit the PPR website.

Example PPR related Master’s Projects
(click to view project website)

[Prevent Daylighting: Finding Water Management Solutions for Continual Groundwater Treatment]

[More Housing, Fewer Cars: Reducing Commute-Related Emissions on the South Coast]

[Increasing Acceptance of Direct Potable Reuse as a Drinking Water Source in Ventura, California]

[Eco-E: Manuvre: Repurposing farm waste into fertilizer for produce farms]

Recent PPR initial placements include:

**Senior Consultant**
Booz Allen Hamilton
Pittsburgh, PA

**Water Efficiency Technical Specialist**
Irvine Ranch Water District
Irvine, CA

**Natural Resource Manager**
NASA Ames Research Center
Moffett Field, CA

**Environmental Scientist**
Roux Associates
San Francisco, CA

**Program Officer**
Verified Carbon Standard
Washington, DC

**Senior Environmental Consultant**
Waste Management
Denver, CO

**Fishery Policy Fellow**
Ocean Conservancy
Washington, DC

**Water Resources Specialist**
City of Santa Barbara
Santa Barbara, CA

Recent PPR internship placements include:

Bureau of Land Management • California Coastal Commission • California Dept. of Toxic Substances Control • City of Santa Barbara Water Resources • Cheadle Center for Biodiversity and Ecological Restoration
Cradle to Cradle Products Innovation Institute • Groundswell Technologies • Kaiser Permanente • Irvine Ranch Conservancy • Lake Sunapee Protection Association • Los Alamos National Laboratory • TOR Environmental • UN Environmental Program • US Environmental Protection Agency