Ecological Risk Assessment
March 22 and 23, 2010
$415 before 3/8/10; $435 after; $395 multiple
Course Code: EZ0401CA10

"Mitigation," "clean-up costs" and "responsible party" are terms that companies need to avoid. Assessing the ecological risk at a site is paramount to the remedial decision-making process. Help prevent your client from being the next "responsible party." By understanding regional, state, and federal risk-based standards you can be responsible for the economic gains and environmental restoration of your client's next project. Implement the preventativeative capabilities provided in our course and you will increase your ability to evaluate risk and determine the response of biological systems to environmental pollutants.

This two-day program will provide you with a comprehensive overview of regulatory expectations of ecological risk assessments from both federal and state perspectives.

On Day One, learn about methodologies and innovative approaches being employed to conduct ecological risk evaluations and assessments of aquatic and terrestrial ecosystems under CERCLA, RCRA, and various state mandates.

On Day Two, NJDEP representatives will take you through the specific New Jersey requirements on ecological risk, as outlined in NJAC 7:26e, Subchapters 3.11 and 4.7.

Instructors:
- Charles Harman, AMEC Earth and Environmental
- Nancy Hamill, NJ Department of Environmental Protection
- Allan Mottet, NJ Department of Environmental Protection
- Greg Neumann, NJ Department of Environmental Protection

Ecological Risk Assessment Featured Topics:
- Applicability of Ecological Risk Assessments
- Federal, State (NJ, NY and PA) and Regional Approaches
- Regulatory Drivers
- Phased Approach to an Ecological Risk Assessment
- Uncertainties Associated with Risk Assessments
- Development of Clean-up Goals
- Hazard Assessment: How and Why
- The US EPAR 8-Step Process
- Problem Formulation
- Exposure, Effects and Risk Characterizations
- Special Ecological Risk Considerations
- Assessment of Natural Resource Damages
- Case Studies
- Overview of Ecological Evaluation in the NJDEP Site Remediation Program
- Baseline Ecological Evaluation (BEE) for NJ Contaminated Sites
- Full Ecological Risk Assessment for NJ Contaminated Sites
- Determination of Ecological Risk-Based Remediation Goals

For more information, please contact our office at 732-932-9271 or visit our website at www.cpe.rutgers.edu.
When learning how to use a new software system, it is important to set a solid foundation. Our expert instructors will personally guide you through the many tripping points that can make learning a new software system frustrating and tedious.

This series of four 3-hour evening sessions offers an overview of essential ArcGIS components using a mix of short lectures and in-depth hands-on exercises. After completing this course you will be able to navigate efficiently in ArcMap, create basic queries and communicate effectively with GIS professionals.

Featured Topics:
- Introduction to ArcCatalog
- Introduction to ArcMap
- Setting Projections
- Basic Data Selection
- Basic Geoprocessing
- Boolean Logic
- Table Joins and Thematic Maps
- Spatial Queries

- FOUR CONVENIENT WAYS TO REGISTER -

Payment Policy - All students must have prearranged for payment to be admitted to the class (purchase order, check, VISA, Mastercard, American Express or money order).

Refunds - You may withdraw from this course with a full refund (minus a processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee. Substitutions are welcomed.

NOTE - Unless otherwise specified, continental breakfast and lunch are included in your registration fee(s). Textbooks are not included. You may obtain copies on your own, or through our office with your registration.