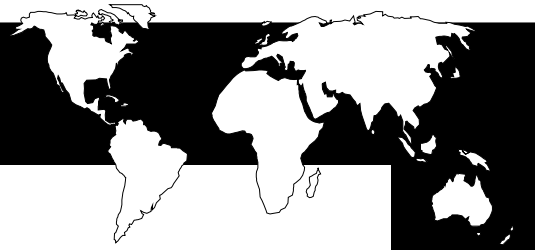


ECOTOXICOLOGY



Ecotoxicology is a highly integrative science that can take into account physical, chemical, biological, and social (human health) factors. Advancements in the integrated environmental approach and in ecotoxicology in general have led to the application of this science in identifying, analyzing, and solving many different types of environmental problems. Site-specific water quality standard setting, environmental impact and risk assessment, remedial action investigations, and prioritization of clean up alternatives depend upon ecotoxicology. AATA provides a wide range of ecotoxicological support services to clients worldwide. From rapid ecotoxicological screening tests to detailed evaluations of the effects of industrial operations on aquatic and terrestrial ecosystems and human health, AATA scientists provide a broad spectrum of applied ecotoxicological services to many different types of clients to support risk-based decision making.

- Site Specific Water Quality Standard Development
- Watershed Based Management Programs
- Environmental Impact and Risk Assessment
- Support to Superfund RI/FS projects
- Development of Applicable Cleanup Goals or Criteria
- Risk-Based Decision Making
- Natural Resource Damage Assessments
- Input to Bankable Feasibility Studies
- Use Attainability Studies
- Innovative On-site Bioassay Testing
- Artificial Stream Investigations
- Ecotoxicology of Mine and Mill Wastes
- Translocation and Uptake Studies
- Bioaccumulation and bioconcentration Studies
- *In-situ* seed germination testing protocols
- Marine, Estuarine, and Freshwater Ecotox Studies
- Sediment Toxicity Studies
- Designed Bioassay Testing Programs

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