

What effects does a chemical have on an ecosystem, and what are the regulatory implications for the manufacturer of that chemical? These are just two of the questions that Waterborne can help you answer as part of an ecotoxicology assessment. We have experience with aquatic, avian, and terrestrial toxicology assessments, and our staff are trained to interpret study results within a risk assessment framework. We have also worked with a wide variety of chemicals under regulatory initiatives throughout the world. Our dedicated engineers and scientists offer you the following services.

TERRESTRIAL AND AQUATIC TOXICOLOGY

- Testing Strategies
- Bioaccumulation Assessment
- Study Monitoring

ECOLOGICAL RISK ASSESSMENT

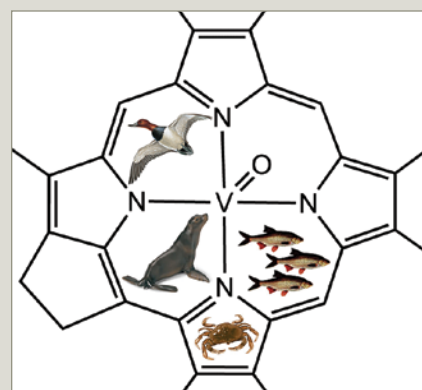
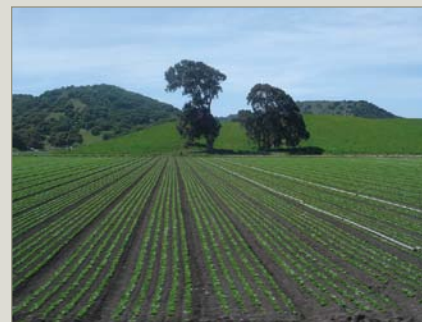
- Problem Formulation
- Hazard Characterization
- Exposure Characterization
- Risk Characterization (Deterministic, Probabilistic)
- Endangered Species Assessment

REGULATORY SUPPORT

- Dossier Preparation
- Regulatory Strategies
- Multiple Countries
 - United States
 - European Union
 - Canada
 - Mexico
 - China

CHEMICAL COMPONENTS

- Agrochemicals
- Biocides
- Veterinary Medicines
- Personal Care Products
- Pharmaceuticals
- Oil and Gas
- Basic Chemicals





Innovative Approaches to Environmental Studies and Risk Assessment

Waterborne offers a diverse portfolio of environmental services:

ENVIRONMENTAL MODELING

- Chemical Fate and Transport
- Watershed Characterization
- Site-Specific Modeling and Calibration
- Anti-foulants
- Software Development
- Monte Carlo and Traditional Statistical Analysis

RISK ASSESSMENT

- Ecological and Human Health Analysis
- Risk Mitigation
- Vulnerability Analysis
- Risk Mapping

FIELD STUDIES

- Watershed and Ecological Monitoring
- Terrestrial and Aquatic Field Dissipation Studies
- Bioaccumulation Studies
- Crop Residue Studies

GEOSPATIAL INFORMATION MANAGEMENT

- GIS Analysis
- Geostatistical Analysis
- Custom GIS Application Development
- Web Application Development
- GIS Portal Toolkit Implementation
- Web Applications Hosting / Data Hosting



INNOVATIVE | EXPERIENCED | RESPECTED

Contact Waterborne to find out how we can help you.