

FIELD STUDIES

Whether your project requires a site assessment, the installation of monitoring instruments, or the collection of field samples, Waterborne has the expertise you need. We have extensive experience conducting field studies at scales ranging from small research plots to national scale drinking-water monitoring programs. We also leverage our in-house expertise by working with partners in research organizations, industry, and academia throughout the Americas and Europe. Our dedicated engineers and scientists offer you the following services:

TERRESTRIAL AND AQUATIC DISSIPATION

- Field Study Design and Implementation in All Eco-Regions
- Specialized Application and Sampling Designs
- Bioaccumulation Studies Coupled with Aquatic Dissipation
- Microcosm Studies

RUNOFF AND SURFACE WATER

- Watershed and Ecological Monitoring
- Aquatic Dispersion Studies in Flowing and Static Systems
- Simulated Rainfall Studies in the Laboratory and the Field

GROUND WATER

- Prospective and Ambient Monitoring
- Leaching Studies

DRINKING WATER

- Rural Well Water Quality Monitoring
- CWS Water Quality Database Management

CROP RESIDUE

- Magnitude of Residue Studies
- Processing Studies

INSTRUMENTATION

- Custom Design of Instrumentation
- Installation of Water and Soil-Moisture Monitoring Equipment
- Auto-Sampling Design, Including Refrigeration
- Remote Access to Field Monitoring Systems

PROJECT MANAGEMENT AND STUDY DIRECTORSHIP

- Study Design and Protocol Preparation
- Field and Laboratory Study Management
- Online Data Sharing Tools



Waterborne field studies strictly adhere to USEPA Good Laboratory Practice Standards.



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
- Mitigation Assessment
- Model Development and Customization
- Monte Carlo and Traditional Statistical Analysis

RISK ASSESSMENT

- Ecological and Human Health Analysis
- Risk Mitigation
- Endangered Species Assessment
- Spatial and Temporal Exposure Characterization
- Vulnerability Analysis
- Probabilistic Assessment
- Risk Mapping

GEOSPATIAL INFORMATION MANAGEMENT

- GIS Analysis
- Geostatistical Analysis
- Custom GIS Application Development
- Remote Sensing
- Data Development
- Data Hosting
- Web Application Development
- GIS Portal Toolkit Implementation



INNOVATIVE | EXPERIENCED | RESPECTED

Contact Waterborne to find out how we can help you.