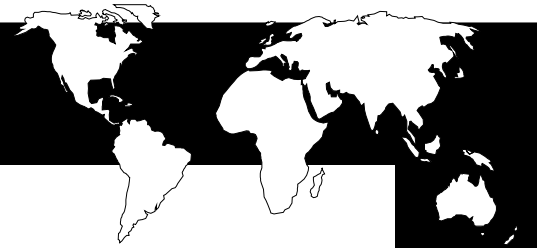


# FISHERIES SERVICES



AATA International, Inc. provides a wide variety of fisheries support services to industrial, municipal, and other clients throughout the world. AATA is equipped with the latest in fish locating and capturing gear, including echo-location, netting, trawling, seining, trapping, and electrofishing. AATA provides clients with the capabilities to work in virtually any type of freshwater or marine ecosystem, from high altitude and arctic coldwater fisheries to warmwater estuarine/marine ecosystems of the tropical equatorial region. A summary of services follows:

- √ Literature research and reviews, analysis of historical data
- √ Monitoring program design and equipment selection
- √ Fisheries surveys/monitoring for all types of ecosystems:
  - √ Diving, echo-location, seining, trapping, netting, trawling, electrofishing
- √ Species composition and abundance studies
- √ Instream flow studies using Instream Flow Incremental Methodology
- √ Fish habitat surveys, habitat suitability indices
- √ Determination of Index of Biotic Integrity (IBI)
- √ Thermal impact analysis studies, Section 316(a) demonstrations
- √ Impingement and entrainment investigations
- √ Ecotoxicological studies of fish
  - √ Acute and chronic toxicity testing
  - √ Caged fish studies
  - √ On-site biomonitoring
  - √ Bioaccumulation studies of metals and organics
  - √ Histopathological studies
- √ Aquatic ecological studies of fish food organisms
  - √ Periphyton (attached algae)
  - √ Benthic macroinvertebrates
  - √ Forage fishes
  - √ Other organisms
  - √ Fish food analysis (gut analysis)
- √ Ecological impact and risk assessments
- √ Fish kill investigations, forensic aquatic ecology studies
- √ Migration and tagging experiments
- √ Population estimates and condition coefficients
- √ Determination of fisheries population structure (age and growth-scale analysis)
- √ Use of fish as biomonitors
- √ Biomanipulation studies

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**AATA INTERNATIONAL, INC.**

300 East Boardwalk Building 4, Suite A, Fort Collins, CO 80525

Phone: (970) 223-1333 Fax: (970) 223-9115

E-mail: [jga@aata.com](mailto:jga@aata.com) Website: [www.aata.info](http://www.aata.info)

