

# Water Resources Modeling Services

## Services

- Reservoir and Lake Simulations
- Thermal Discharges
- Mixing Zone Determinations
- Hydrodynamic Modeling
- Pollutant Transport and Water Quality
- Watershed Hydrology and Loading
- TMDL Studies
- Natural Resource Impact Modeling
- Sediment Transport
- Coastal Processes

Water resources modeling is an integral part of today's decision-making process for engineers, regulators, and planners. Complex environmental problems require state-of-the-art technologies to provide comprehensive and cost-effective solutions.

ATM has offered water resources modeling as a core service since the firm's inception in 1984. Our modeling experts are proficient in the use of a broad range of tools that simulate all aspects of the hydrologic cycle to address clients' needs. ATM's technical professionals have decades of combined experience in developing and applying models for both public and private sector clients.

ATM provides modeling support services for environmental impact evaluations, Environmental Impact Statements (EIS), NPDES permitting, TMDL development, stormwater master planning, water and wastewater design, coastal erosion studies, waterfront design, and municipal consumptive supply.

Our experts can compile practical and timely solutions to address any water resources issue.

