



MONTGOMERY & ASSOCIATES

Water Resource Consultants

Montgomery & Associates
has offices in Tucson, Phoenix,
and Santiago de Chile.
Call us or visit our website to
learn more about our services.

Tucson

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Phoenix

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MONTGOMERY & ASSOCIATES

Water Resource Consultants



**Comprehensive Services
Integrated Solutions**



Since 1984, Montgomery & Associates has provided water resource consulting services to the industrial, mining, energy, municipal, land development, and agricultural sectors. We combine unparalleled experience in hydrogeology with expertise in policy, economics, and engineering to develop integrated water resource solutions for our clients world-wide.





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WATER SUPPLY

Planning, design, supervision, and long-term management for a wide range of water resource projects

Montgomery & Associates has developed groundwater supplies in some of the world's most complex and arid environments utilizing cutting-edge data acquisition, monitoring, and analytical tools—and the experts who know how to use them. In addition to our on-the-ground support, we apply flow-and-solute-transport models to simulate virtually any type of hydrogeologic system and address a range of program objectives. We also specialize in developing aquifer recharge solutions for managing various water sources to ensure sustainable supplies.

ENVIRONMENT

Investigation, monitoring, permitting, and mitigation to address environmental challenges

Montgomery & Associates offers turnkey solutions to manage environmental contamination from industrial discharges and disposal practices, as well as from naturally occurring water quality conditions. In addition to using traditional on-the-ground monitoring approaches, we apply satellite imagery analysis techniques to track changes over time in remote areas. We provide technical support for settlement negotiations and litigation proceedings, as well as expert witness services and third-party reviews. Many of our professionals have experience working with state and federal regulatory agencies on permitting and compliance issues.



MINING

Permitting, compliance, water supply development, and monitoring for mining projects

Understanding the needs of the mining industry has helped Montgomery & Associates become a global leader in the field of mining hydrology. In fact, we have been consultants to major domestic and international mining entities for decades, developing innovative ways of modeling dewatering processes, creating customized monitoring tools, and testing deep boreholes under challenging chemical and temperature regimes. Our office in South America provides a base for much of our international mining work.

POLICY & ECONOMICS

Framing the opportunities and quantifying the risks that inform water resource planning

Water resource development—particularly in the western U.S.—is subject to a complex, continuously changing body of regulations and policies, while the cost of acquiring new water supplies continues to increase. Montgomery & Associates has the expertise to help clients balance risk mitigation and cost when planning for their water-related investments. Our knowledge of political, regulatory, and economic trends is integral to negotiating water rights, conducting water valuations, planning infrastructure investments, and maintaining diversified water portfolios. Montgomery & Associates' subscription-based Monitoring and Reporting Service covers water news from Arizona and the other Colorado Basin states (California, Nevada, Wyoming, Colorado, Utah, and New Mexico) and offers insightful reporting on all the major water policy forums in Arizona.



ENGINEERING

Providing characterization and treatment for groundwater, surface water, process water, and wastewater applications

Montgomery & Associates' specialized engineering services help clients broaden their water supply portfolios and address wastewater issues. Through targeted treatment solutions that minimize liquid discharges and facilitate environmental permitting, we overcome the challenges associated with waste generation and disposal. Our services address the full spectrum of client needs: we define problems and opportunities, develop and implement solutions, and monitor and optimize performance.

A tradition of excellence

OUR REPUTATION

Scientific objectivity, technical excellence, and successful client partnerships

Although Montgomery & Associates was officially founded in 1984 by Dr. Errol "Monte" Montgomery, our roots date back to the 1960s and a long professional affiliation with Dr. John W. Harshbarger, founder of the renowned Department of Hydrology and Water Resources at the University of Arizona. We are proud to continue this tradition of excellence, the foundation of Montgomery & Associates' well-earned reputation.

OUR PEOPLE

Professional integrity, dedication, and experience

Montgomery & Associates has a core staff of more than 70 professionals in the fields of hydrology, geology, engineering, soil science, policy and regulatory affairs, resource economics, GIS analysis and database management, and instrumentation and monitoring. Many employees have been with the company for over two decades, providing a breadth of experience to clients and valuable mentorship to staff. Adding fresh new talent and exceptional specialists over the years has helped us expand our range of services and meet water resource challenges using innovative, effective approaches.