



**MONTGOMERY
& ASSOCIATES**

Water Resource Consultants

HydroGeoMetrics





HydroGeoMetrics

As a division of Montgomery & Associates, our **HydroGeoMetrics** group focuses on obtaining meaningful hydrogeologic measurements—or metrics—that can be easily communicated and bring tangible value to our clients.

The **HydroGeoMetrics** group is a fundamental component of our integrated water resource services, providing environmental expertise, hands-on operational experience, and unique problem-solving perspectives.

Our focus is to develop and implement customized monitoring and reporting systems for critical groundwater, surface water, meteorological, and other environmental metrics. While simple installations may be entirely appropriate for some applications, more complex systems can be equipped with a variety of sensors, managed by dataloggers, data relayed via telemetry, and integrated into short- and long-term monitoring programs.

Once the data have been obtained, the **HydroGeoMetrics** group has the experience to design and maintain



hydrogeologic databases and to process, analyze, and display data using a variety of graphical, GIS, and web-publishing software packages.

Whether as a stand-alone service or as part of a project that takes advantage of our integrated water resource services, our **HydroGeoMetrics** group is central to the strength and depth of the Montgomery & Associates team.



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CAPABILITIES

- ▶ Design, implement, collect, validate, and interpret data obtained from monitoring networks
- ▶ Calibrate and maintain instrumentation used in monitoring environmental parameters
- ▶ Develop customized data reporting and visualization tools for communication to operators, management, regulators, and the public
- ▶ Integrate, operate, and maintain databases and data visualization portals
- ▶ Display data tabulations and plots of real-time and historical data using telemetry and web-based interfaces
- ▶ Develop training tools and lead associated short courses



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