



Groundswell Technologies Releases *Waiora 2.0* Earth Monitoring Software

The World's First Real-Time Automated Web-Based Contouring Platform for Environmental Applications

Santa Barbara, CA, March 10, 2010 – Groundswell Technologies, Inc. (GT), a leader in automated earth monitoring software solutions announced today the release of their enhanced patented web-based automated contouring platform for the purposes of water quality and resource management and reporting. ***Waiora 2.0*** is the world's first web-based software solution with the ability to provide automated data collection, time-stamped archiving, modeling, and on-demand data visualization. The GIS-based ***Waiora*** platform collects users' raw sensor data and instantly processes and displays time-series plots, histograms, contour maps, and animation loops with just a click of a mouse. Version **2.0** additions include robust scalability, web-based 3D controls and animations, detailed time series analyses, application-specific multi-variate analytical tools and model calibration.

How It Works: Field sensors and telemetry are deployed at a site by the user or by GT Certified Consultants. Raw sensor data is transmitted at user-selected intervals to ***Waiora*** where it is rendered and archived for instant web retrieval. No software installations are required. Multiple users can log on to review real-time data and generate user-defined graphics such as groundwater gradient maps, contaminant distribution maps, and 3D plume renderings. Powerful tools allow users to add vectors, modify colors, zoom and pan, and view layered contour stacks in 3D. A convenient snapshot tool allows dynamic user-designed graphics to be exported to other programs as shapefiles and other common formats. ***Waiora*** also generates interactive outputs including flash animated contour loops for selected time ranges, enabling shared presentations and consensus based analyses.

Waiora is both sensor and media neutral, so users can visualize any data stream that can be measured with telemetry-integrated sensors deployed in water, soil, or air environments. The platform enables decision and archival support for a wide spectrum of solutions including environmental compliance, remediation performance, landfill management, and legal applications. The ability to contour water levels and contaminant distributions on a real-time basis also offers unparalleled opportunities to the water resource community, enabling dynamic decision support tools for remediation, Aquifer Storage & Recovery (ASR), saltwater intrusion management, and a multitude of basin and surface water optimization applications.

"A new day has dawned for environmental resource management," says GT's founder, Dr. Mark Kram. "Our revolutionary automated platform enables professionals to rapidly resolve critical challenges associated with water/air quality, sustainability, drought, replenishment and conflict." Resource managers access processed environmental information in real-time for efficient assessment and decision-making, as well as model calibration and verification.

For additional information, please visit www.GroundswellTech.com, contact info@groundswelltech.com, or call one of our corporate sales representatives at 805-899-8142.