

## Post-Fire Sediment Control Case Study published

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### San Bernardino County and Geosphere Consultants select ERTEC

Escondido, California. May 15, 2008— ERTEC Environmental Systems announced today that San Bernardino County and Geosphere Consulting selected ERTEC's products to control sediment in wild fire areas in the San Bernardino Mountains. A case study was published and available on ERTEC's web site.

ERTEC changes the game for post-fire soil stabilization due to its long life and high performance. The products can improve performance and significantly lower the life-cycle costs for temporary sediment control practices through durability and lower maintenance.

Wildfires are a common occurrence in the South Western United States and much of the area's biologic systems are a result of fire, flood, and regeneration cycles of plant communities. On average, first-year post-fire watershed sediment yield is 35 times greater than comparable unburned levels. This accelerated erosion can cause site degradation and threatens life, property, and infrastructure. To reduce undesirable consequences of post-fire accelerated erosion a program of slope and stream channel erosion and sediment control measures should be considered.

"The favorable aspects to ERTEC's products are three-fold: first, they will provide long term soil stabilization until vegetation can return which, in this area, will be multiple growing seasons. Second, they are lightweight and compact—much less labor and transportation logistics is required to install in these remote spots. And third—because they allow water to flow through, we expect much less undercutting and maintenance which is common to other products. - Mike Alberson, Senior Environmental Engineer, Geosphere/CEL Inc

"The most important reasons why the County of San Bernardino chose ERTEC's systems were their longevity, ability to relocate and reuse, and recyclability. The products require less carbon dioxide to transport into the mountains and the logistics to deploy are significantly less than wattles." - Dan Ilkay, County of San Bernardino Public Works

#### About ERTEC

ERTEC Environmental Systems is a specialty company, bringing exciting products to the field of erosion and sediment control. Its proprietary technology stabilizes eroding land or significantly reduces unlawful sedimentation to global waterways. On average, ERTEC provides more effective solutions at half the total cost. [www.ertecsystems.com](http://www.ertecsystems.com)

#### About Geosphere Consultants

Geosphere Consultants, Inc. is a professional service consulting firm providing innovative and creative earth and water geosciences solutions to the design and construction environment. The firm is founded on the principle of providing clients value added solutions through a high level of technical expertise. [www.geosphereinc.net](http://www.geosphereinc.net)

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