

Ecological Monitoring and Research

Monitoring and research is a core element of the IERS approach that allows us to constantly improve our restoration techniques and project designs. When project goals are specified in quantitative terms, monitoring allows us to objectively determine whether project goals have been met. Our rigorous monitoring techniques ensure that data collected are statistically-defensible and accurate.

IERS maintains long-term partnerships with researchers from a variety of institutions in order to address information gaps in our understanding of ecosystem-based restoration processes. We focus on applied research that directly addresses the most pressing environmental management issues.



Specific Services

- Soil Investigation
- Erosion Assessment
- Rainfall and Runoff Simulation
- Soil and Vegetation Monitoring
- BMP Effectiveness Monitoring
- Water Quality Monitoring
- Steep Slope Restoration/Stabilization
- Riparian Restoration
- Wetland Restoration
- Regulatory Compliance
- Agency Facilitation

Selected Projects

- Ski Area Sediment Source Control Guidelines Program and Handbook
- Upper Cutthroat Sediment Source Control Project
- Caltrans Demonstration, Development, and Evaluation Program
- Heavenly Mountain Resort Restoration Oversight and Monitoring
- Rainfall Simulation Development and Research Program
- CURTEM Long-Term Source Control Research Program

