

Eel River Basin Erosion Prevention

Sediment Source Inventories and erosion prevention planning for forested watersheds of the lower Eel River basin, Humboldt County, California
Conducted detailed sediment source inventories for 4 watersheds in the lower Eel River and Humboldt Bay areas. Mapped landslides and fluvial erosion (both non-road and road related), and determined the impact of land management in each process. Developed attribute information for each mass wasting and fluvial erosion feature, and computed volumes and sediment delivery. Prescribed and/or designed an implementation plan for future erosion prevention work, including road decommissioning, road upgrading, and harvest management strategies. (Scotia Pacific Company, Scotia, California.)