

Post-fire Preparedness and Response

CPOA Post-Wildfire Preparedness and Response, Monterey County, California

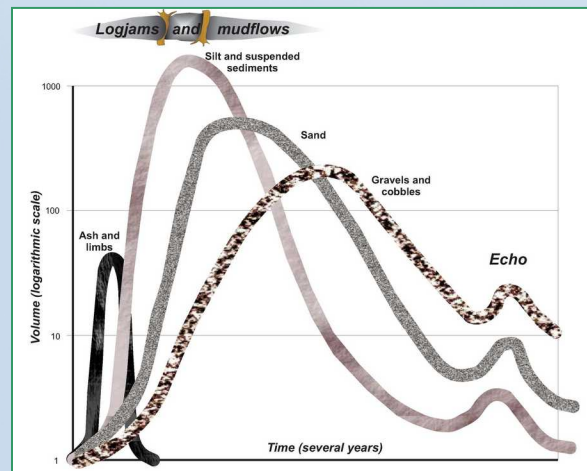


Background

The Coast Properties Owners Association (CPOA) serves a number of quasi-governmental functions along the Big Sur Coast. CPOA, in conjunction with the Big Sur Fire Brigade and Monterey County's Office of Emergency Services, conducted most of the storm preparedness activities following the Basin-Indians fire (2008), which burned most areas uphill of Highway 1. Balance Hydrologics led a small team of consultants which assisted CPOA, and continued to support CPOA and the Big Sur Land Trust during post-fire storms and related preparation, repair and planning including monitoring and effects on bed conditions.

Project Highlights

- Immediate post-fire slope-stability and road-protection response
- Water-system evaluation and repair
- Led community review of USFS BAER and CalFire SEAT reports.
- Coordination with NRCS to designate limited areas where erosion control/reseeding measures are appropriate.
- Projecting the effects of the fire on peak flows, bed sedimentation and woodjams.



- Designating debris jams for removal, modification, and retention for habitat.
- GIS modeling of drainages and basins identifying possible channel segments for debris flow mitigation structures.
- Consulting with and field-data support for the USGS debris flow hazard modeling team regarding probabilities, likely volumes, and hazard rankings of areas potentially affected by debris flows.

