

Research in the Caspar Creek Experiment Watershed, Northern California

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Abstract. The Pacific Southwest Research Station, Redwood Science Laboratory Forest Service (PSW, USDA FS) and California Department of Forestry and Fire Protection (CDF) have been conducting watershed research within Caspar Creek watershed in Northern Coast of California since 1962. The primary objective of the project are to measure the sediment produced by a North Coastal watershed in an undisturbed state and to measure water quality, flood peaks, suspended sediment and bedload are affected by road construction and logging. North Fork of Caspar Creek (473-ha) serves as a control compared to the treated watershed of South Fork of Caspar Creek (424-ha). Both watersheds are predominantly second-growth Redwood and Douglas-fir.