

Addressing *Phytophthora ramorum* in California: The USDA-Forest Service, Pacific Southwest Region and California Department of Forestry and Fire Protection Programs

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Since 2000, the USDA-Forest Service and California Department of Forestry and Fire Protection have been collaborating on a comprehensive program to address Sudden Oak Death (*Phytophthora ramorum*) in CA, investing over \$12 million of State and federal funds. The program's primary objectives are pathogen containment and maintaining public safety, which are accomplished through monitoring, education and outreach, research, and management. Monitoring efforts have included surveys of Southern California and the Sierra Nevada mountains, as well as watershed, vegetation, and aerial surveys of high-risk terrain in CA's 14 infested coastal counties. Education and outreach programs, utilizing www.suddenoakdeath.org and collaborative efforts via the California Oak Mortality Task Force, have trained over 3000 professionals in pathogen detection, treatment, and management. Quarantine implementation, suppression efforts, hazard tree reduction, and debris disposal programs for *P. ramorum* are also on-going; a program overview is provided.