

Abstract

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Fire Model Using a Weighting System From Multiple Themes

Track: EMS, Fire, Disaster Management

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Fire Model mapping has gained great appreciation with increased wildland urban interface (WUI) and altered historical fire regimes. By using themes of fire history, vegetation, slope, and aspect, a weighting system will determine areas most prone to extreme fire behavior. Extreme fire modeling will be used to update the Pinnacles National Monument fire management plan. Potential applications include predicting extreme fire behavior and managing multiple age stands of chaparral in central coastal California.

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