Abstract

California Fire Management Using Remote Sensing and GIS
Track: EMS, Fire, Disaster Management
Author(s): Todd Twete, Tom Bernritter

This paper examines the process used to map forest fires throughout California for the California Department of Forestry and Fire Protection. The project uses thermal infrared imagery; ADAR, high-resolution multispectral imagery; DIME, software to produce image maps; and GIS to create a base dataset from which we can monitor fire perimeters, "hot spots," post-fire recovery, and general habitat conditions. Learn how remotely sensed data is used to form an effective management GIS for fire management and remediation.

Todd Twete
Positive Systems, Inc.
Management
223 Baker Avenue
Whitefish, MT 59937
USA
Phone: 406-862-7745
Fax: 406-862-7759
E-mail: ttwete@possys.com

Tom Bernritter
ARINC, Inc.
AIRIS LAB
2433 Mariner Square Loop
Suite 208
Alameda 94501
USA
Phone: 510-769-6026
Fax: 510-769-6538
E-mail: tbernrit@arinc.com