



Geospatial Multi-Agency Coordination Wildfire Mapping Website

What is GeoMAC?

GeoMAC is a real-time Internet mapping system allowing Wildland Fire Managers and the public to pinpoint the location and size of existing wildfires using geospatial technologies, via the user's browser.



Why was GeoMAC Created?

When flames consumed many acres of forest and rangeland throughout the western United States in August 2000, wildland fire managers needed new methods of obtaining and managing Wildland fire information. The demand for fire resources exceeded the capabilities of national firefighting resources. Across the west, priorities were being set by geographic area fire coordination centers for allocating fire-personnel based on life, safety, property, and protection of natural resources. Determining these factors requires more than the traditional paper tools--printed maps and situation reports often do not give the complete picture of the affected areas. Rising to this challenge, GeoMAC (Geospatial Multi Agency Coordination) website was developed.

What does GeoMAC do?

To give wildland fire managers near real-time information, wildfire perimeter data are updated daily based on information from incident intelligence sources, GPS data, IR imagery from fixed-wing aircraft and satellites. GeoMAC allows users to manipulate map information by zooming in at various scales. The user can view information on individual fires such as the fire name, current acreage and other fire status information, or the user can link to remote automated weather station data near the wildfire.



Wildland Fire Information

GeoMAC is improving wildland fire-fighting information by:

- sharing the latest wildland fire information
- providing interactive, on-line maps
- displaying detailed information about where wildland fires are burning
- improving wildland fire decision making
- providing public access to the latest wildland fire information, especially where wildfires are near homes, businesses and recreation areas

How do I access GeoMAC?

Anyone can visit GeoMAC at:
<http://www.geomac.gov>



GeoMAC Team Members

- USDA Forest Service
- Bureau of Land Management
- Bureau of Indian Affairs
- National Park Service
- U.S. Fish and Wildlife Service
- U.S. Geological Survey
- National Oceanic & Atmospheric Administration

Private Industry Partners

- ESRI



For more information

For questions regarding the GeoMAC website, please contact:

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