Google Technologies for the GeoWeb

Western Coastal Managers Meeting

January 26-28 2009

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The GeoWeb and GeoBrowers

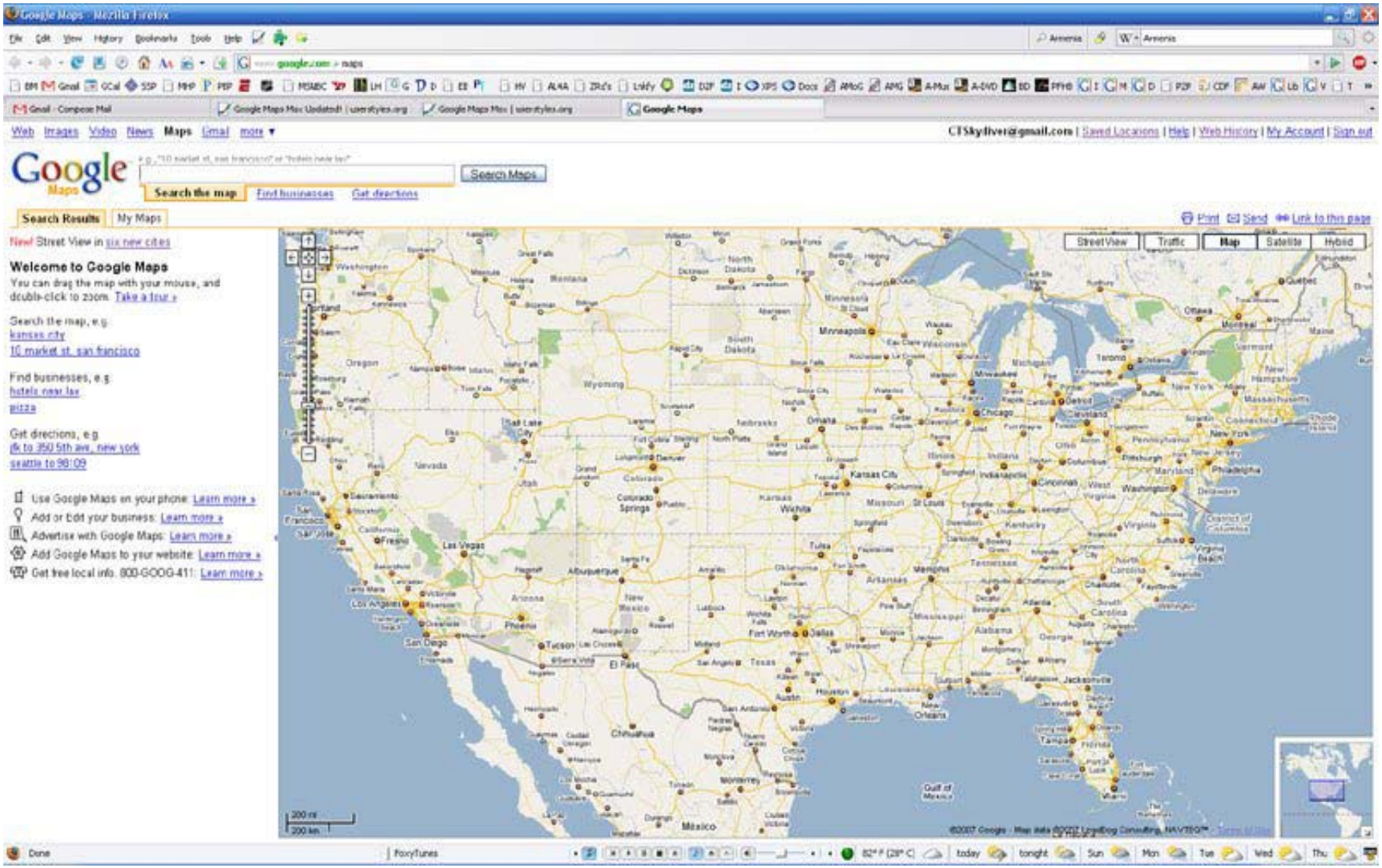
"Projecting" the internet into a geographic context

Distributed network of services and feeds

Open Standards Based - GeoRSS, WMS, WFS, KML

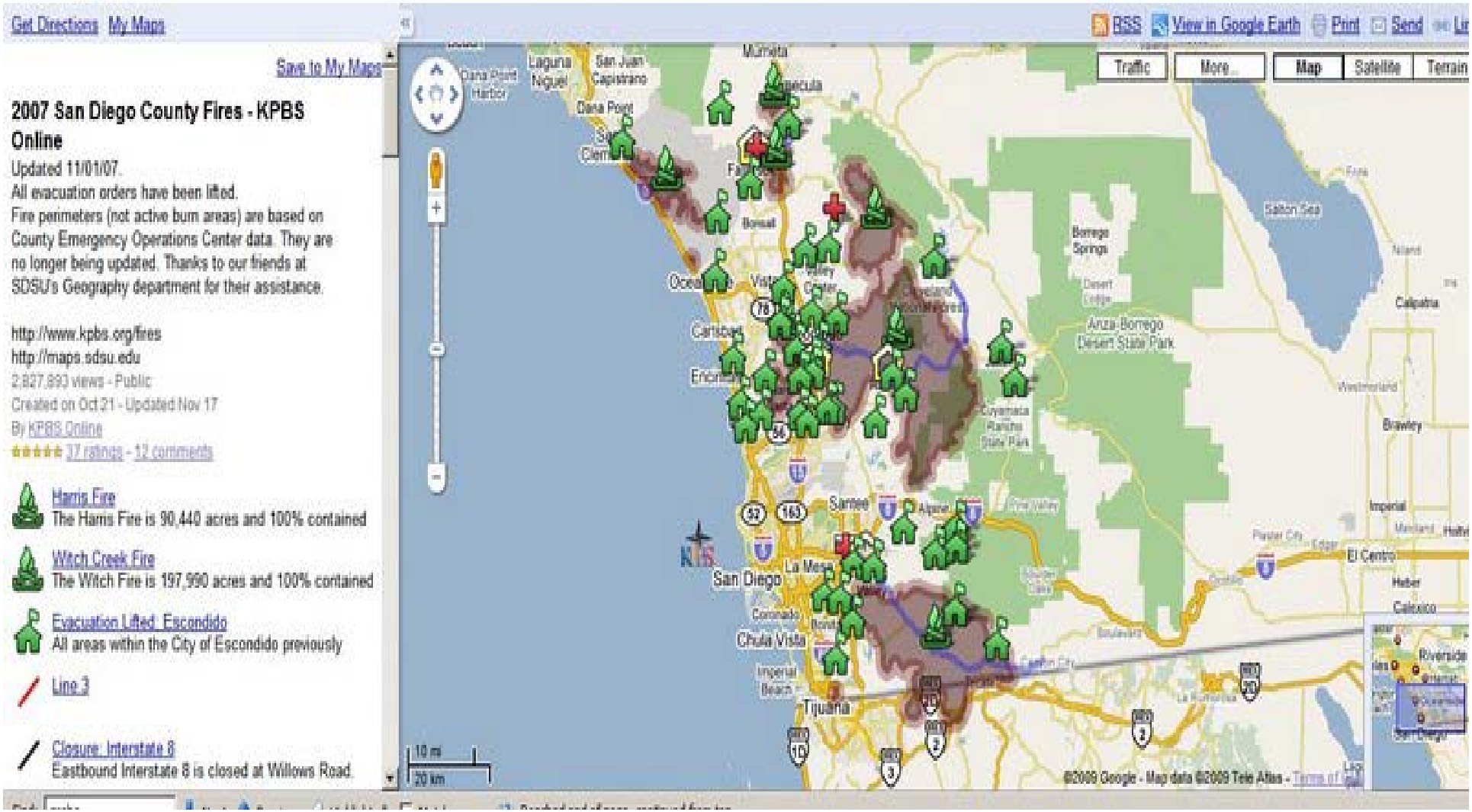
Strong Open Source and Commercial GeoWeb Support
Virtual Earth, OpenLayers Google Earth, Google Maps

Google My Maps



maps.google.com

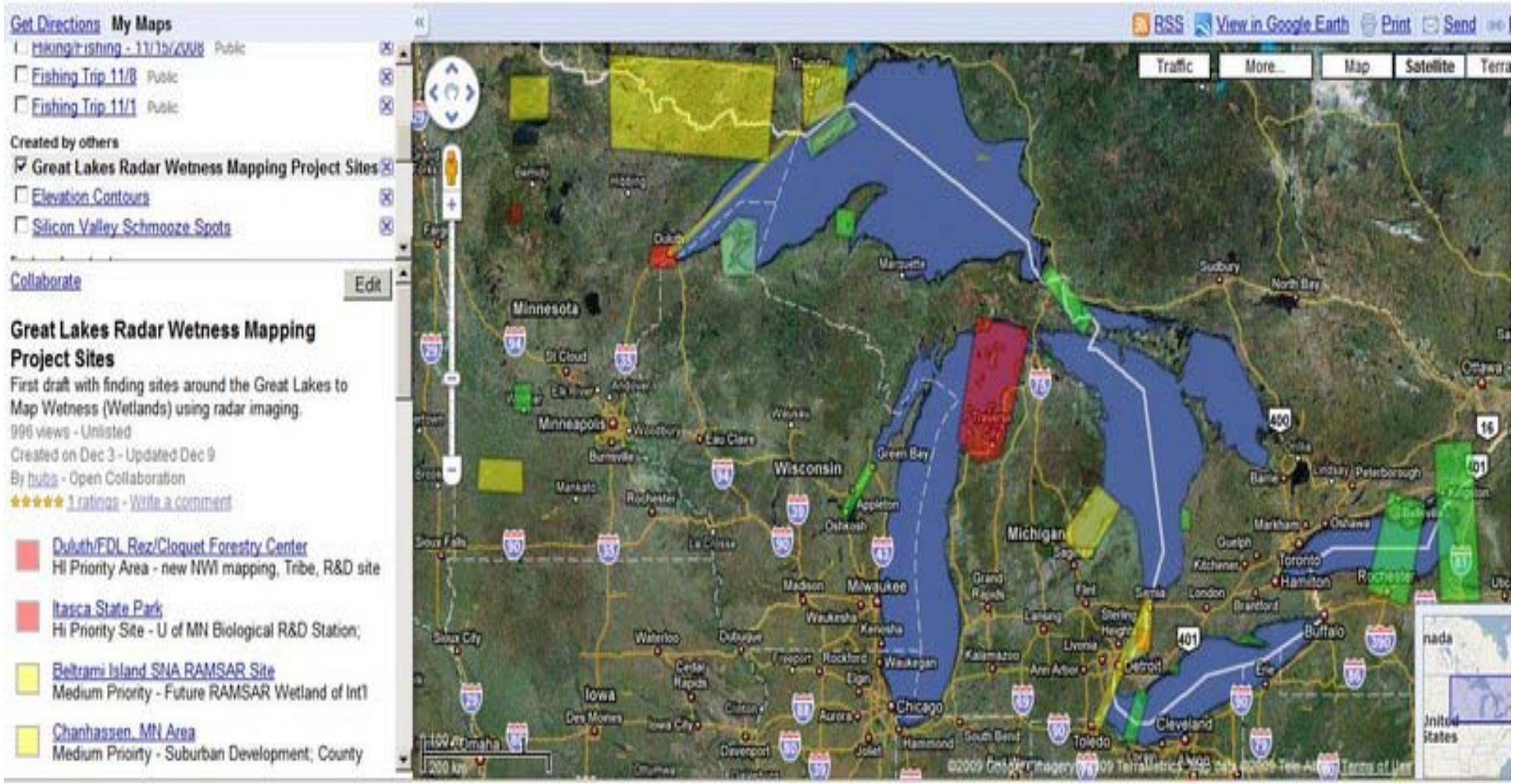
Google My Maps



2007 San Diego County Fires

http://tinyurl.com/2007-sd-fires-mm

Google My Maps



Great Lakes Radar Wetness Mapping Project

http://preview.tinyurl.com/radar-mapping-gl-mm

Google Earth

earth.google.com

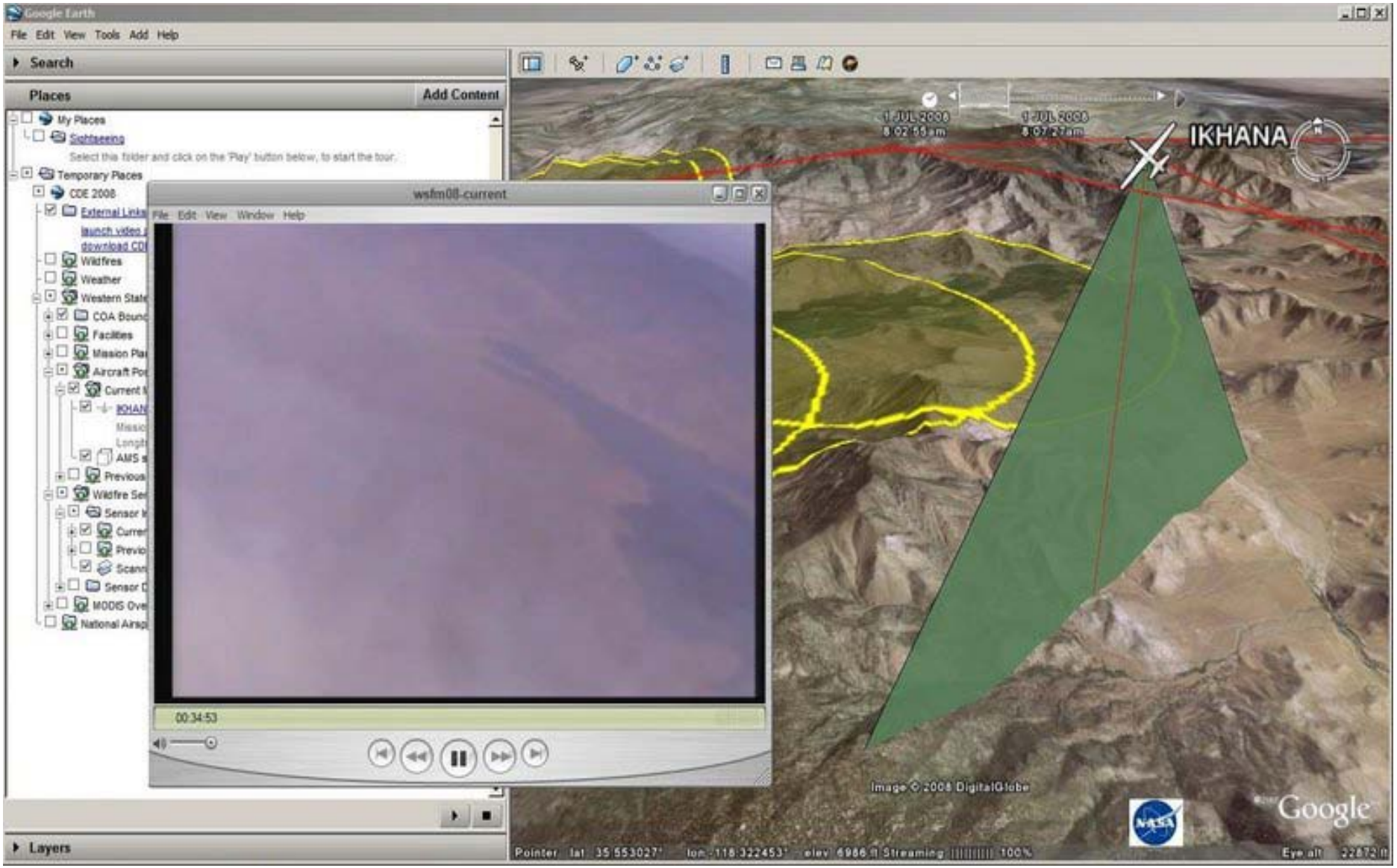
Google Earth

NASA Dryden Flight Research Center Photo Collection
http://www.dfrc.nasa.gov/Gallery/Photo/index.html
NASA Photo: ED07–0038–067 Date: March 5, 2007 Photo By: Tony Landis

NASA's Ikhana unmanned science demonstration aircraft, a civil variant of General Atomi
Predator B, lifts off from Grey Butte airfield in California.

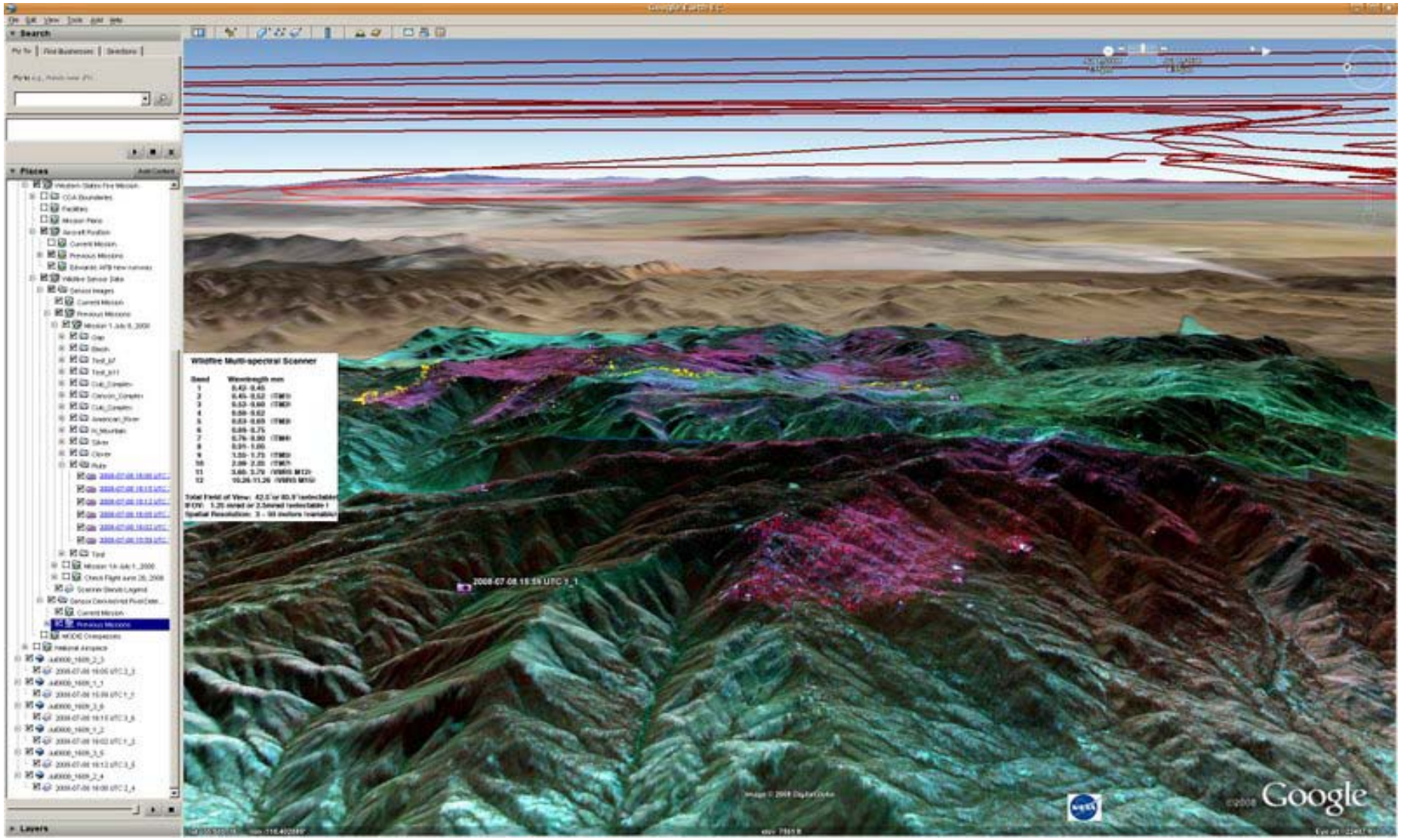
2008 California Wildfires

Google Earth



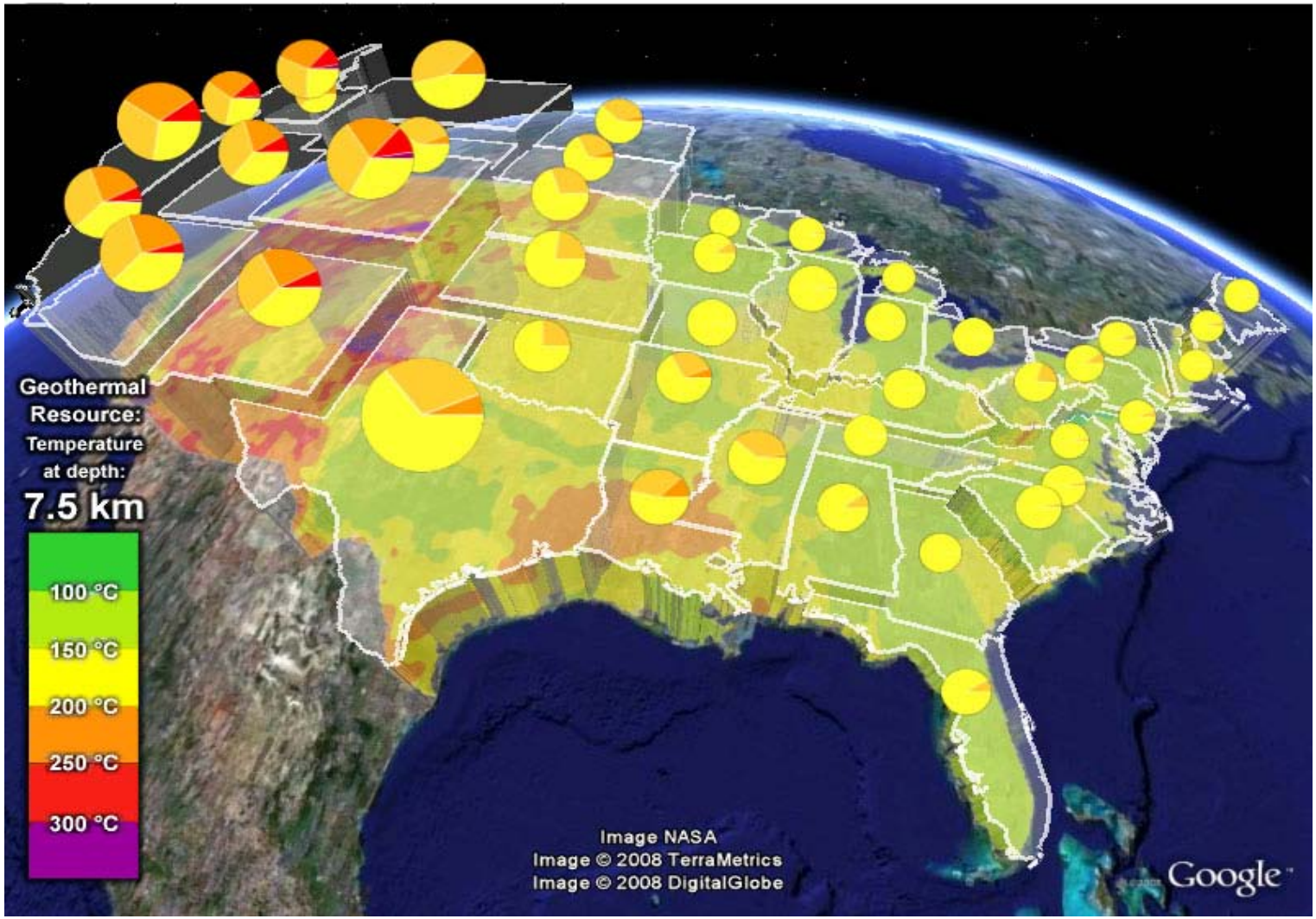
2008 California Wildfires

Google Earth



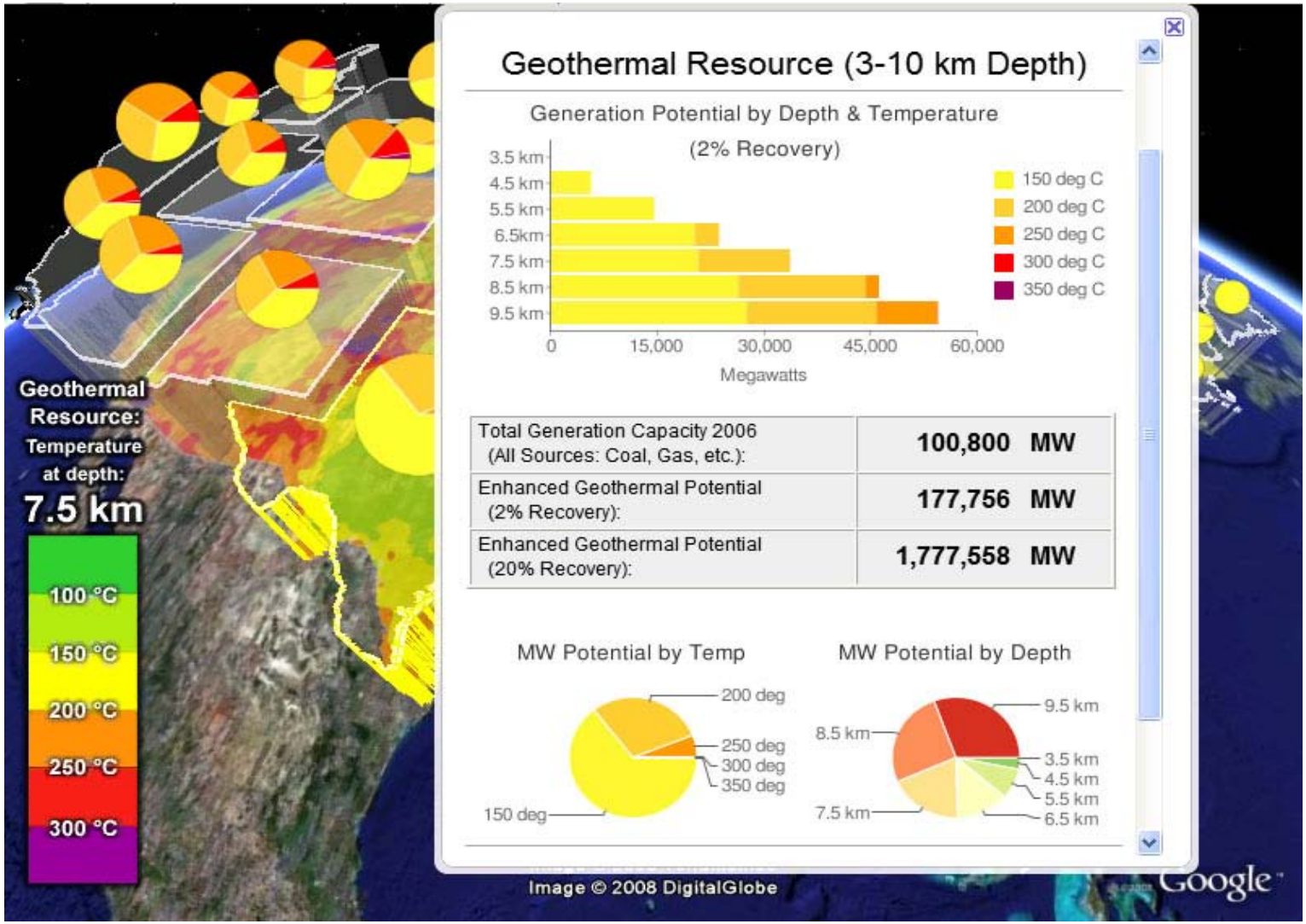
2008 California Wildfires

Google Earth



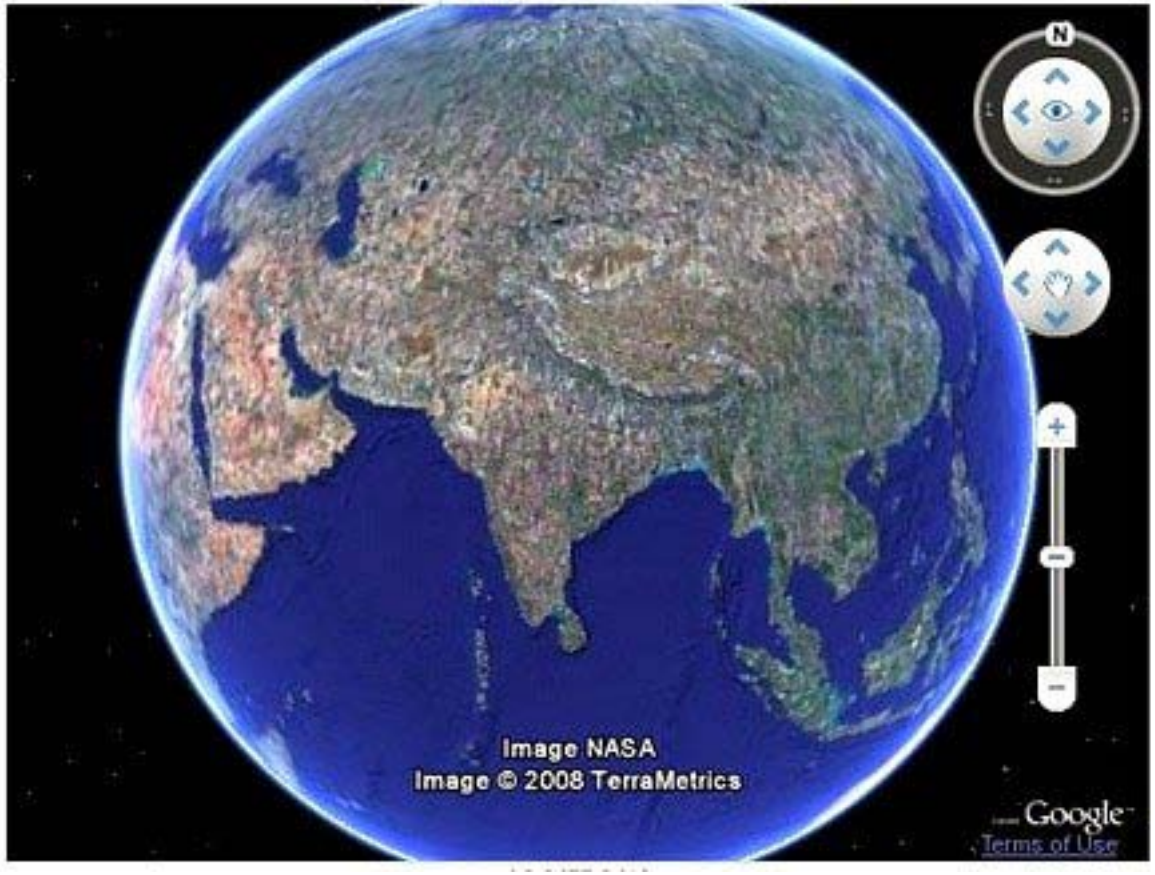
US Geothermal Resources

Google Earth



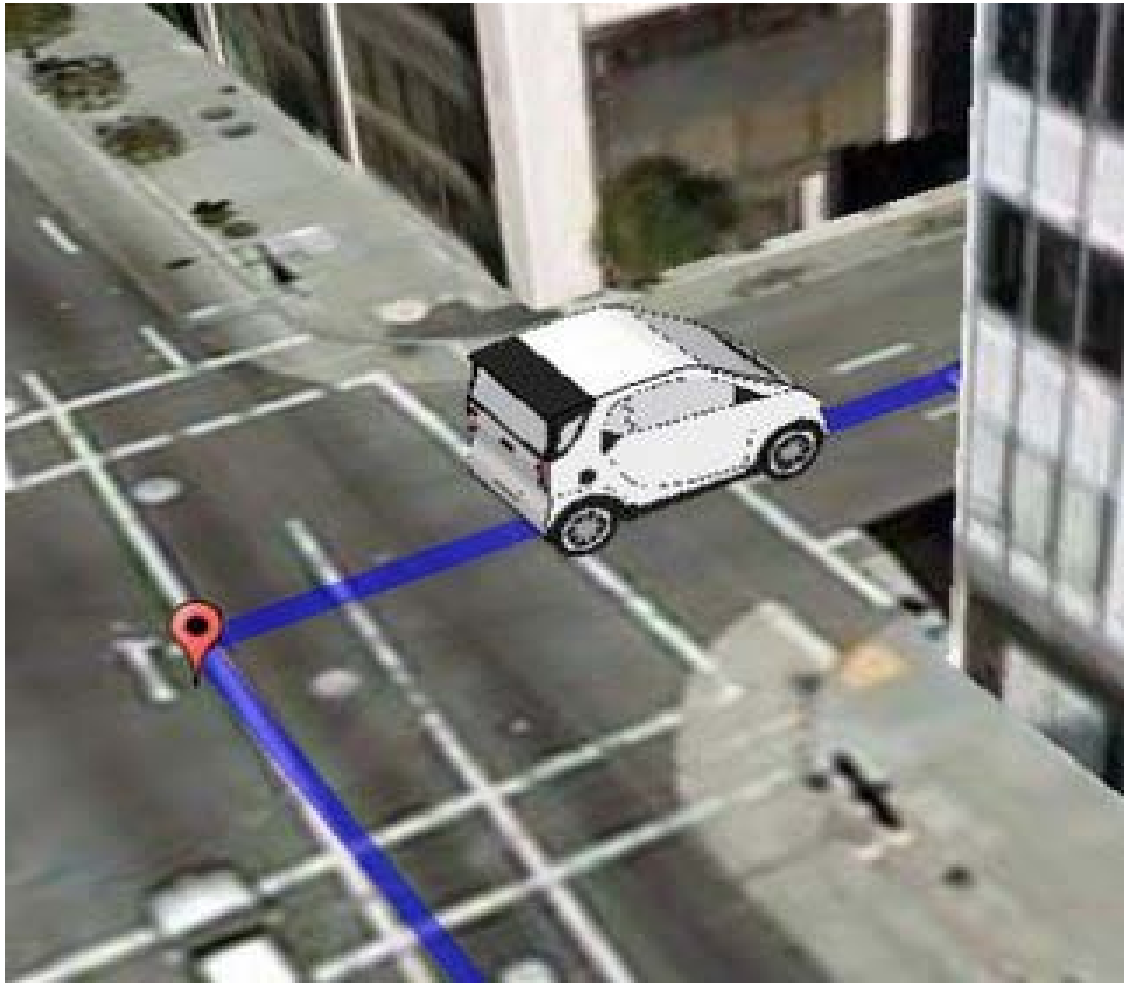
US Geothermal Resources

Google Earth API



http://code.google.com/apis/earth/

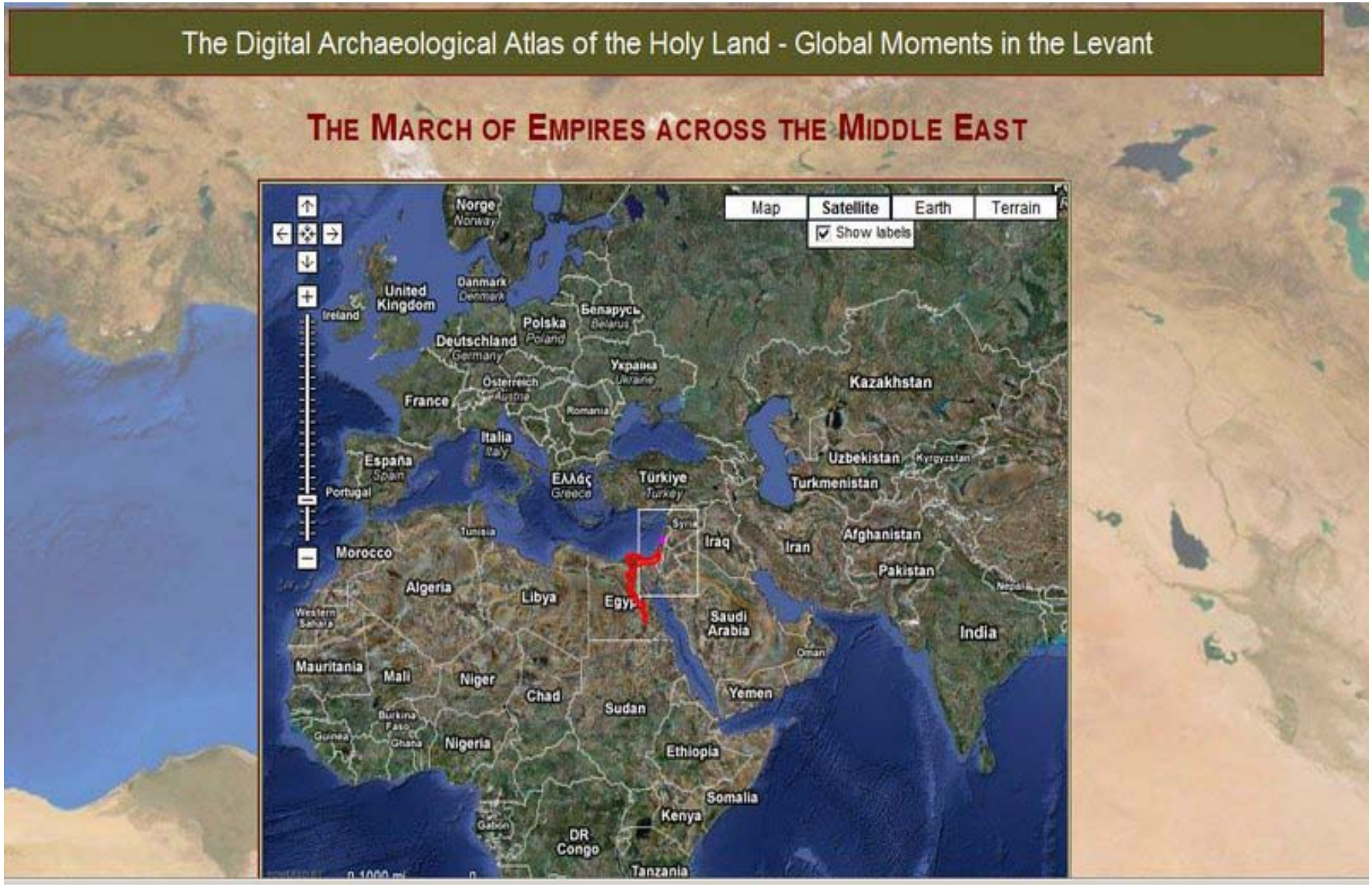
Dynamic Data Visualization



Driving Simulator

http://earth-api-samples.googlecode.com

Dynamic Data Visualization



Digital Archaeological Atlas of the Holy Land

http://gaialab.asu.edu/DAAHL/testmap.htm

Other Resources

Sea level rise due to Global Warming. Dial in a 1 to 7 meter sea level rise, and see if your house is predicted to be under water as a result of global warming:
http://flood.firetree.net/

Sea Clean in Croatia:
http://tinyurl.com/scuba-cleanup-croatia

USA Tides Maps Gadget:
http://www.jenniferpells.com/tides.html

Seaturtle.org
http://www.seaturtle.org/tracking/explorer/

Map of Puget Sound Orca Calls:
http://homepage.mac.com/brettbecker/soundscape/pugetsoundscape.html