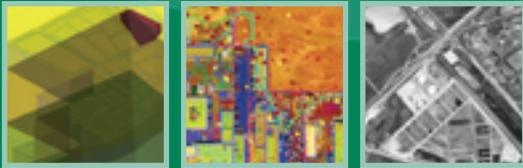


# Project Navigator, Ltd.

www.projectnavigator.com



## STRATEGIES INTO TACTICAL ACTION

**Project Navigator, Ltd.** is a knowledge, risk and resource management company. Since our inception in 1997, our project managers, engineers and scientists have developed a strong track record for creative problem solving. Our primary service is controlling the strategic direction of demanding projects.

Each project is managed to optimize our clients' interests and save money. Execution strategy is developed with seamless communication with the client.

A cornerstone of our project management approach is the use of Geographical Information System (GIS) techniques for the interpretation and analysis of project data and information. We are known for generating vivid, high quality, understandable graphics to analyze and describe complex problems.

Our GIS techniques are complemented through extensive use of the internet for transferring project information, conducting online meetings, streaming project animations to clients, and hosting onsite web cams. We have designed and currently operate **www.projecttoolbox.com** which is an "always on", web-enabled, project management tool. Projecttoolbox was specifically designed for online bidding and procurement, and for providing a secure project database repository for "client-only" access. This tool translates to better execution efficiency and thereby project cost savings.

**Project Navigator, Ltd.** is in a growth strategy of serving clients who are pursuing high-risk international projects that require the assistance of a strong, creative, project management organization. This work is being augmented through business relationships.

### For more information:

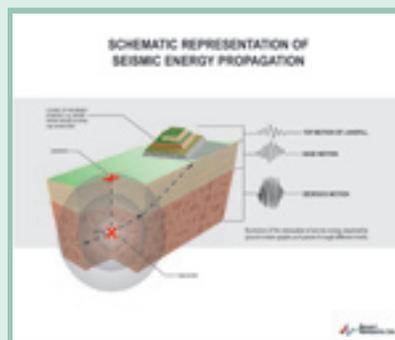
Los Angeles 714.388.1800  
Houston 713.468.5004

## Seismic Hazard Assessments

Project Navigator works on landfill and waste impoundment closure projects, many of which are located in seismically active zones such as Southern California. In these zones remedial design must account for seismic hazards such as ground shaking. An example of this type of project is the cap for the Oil Landfill. The Oil project was led by a Project Navigator staff member.

Project Navigator offers the following services to assist clients in evaluating and scoping seismically driven closure problems:

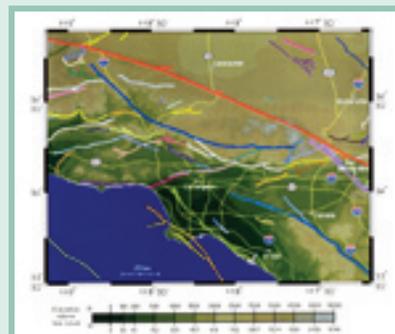
- Preliminary evaluations of site seismic hazard potentials:
  - Liquefaction
  - Earthquake-induced landsliding
  - Ground shaking
- Site and situational analysis for PRP clients who need a rapid assessment of seismic hazard impacts to remedial costs
- California Registered Geologists, on-staff, experienced with:
  - Fault identification and screening
  - Seismic hazard zoning maps
  - Ground motion estimation
- Project Navigator has an extensive network of firms and individuals available for advanced seismic hazard evaluations and engineering.



Seismic Representation of Seismic Energy Propagation



Seismic Hazard Zones, Los Angeles Quadrangle, California Department of Conservation, © 1999



Southern California Earthquake Fault Lines, California Institute of Technology



Southern California Earthquakes, July 1970 - June 1995, California Institute of Technology