



# 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

## Visualization and Modeling

- Project Navigator has a strong internal culture of data understanding through visualization. We believe our clients are in a better position to understand and then make project decisions if they can visualize the entire project terrain. Similarly, the individuals who our clients need to convince of their proposed project direction, are in a position to make real-time decisions if the data and information is presented in a format which can be rapidly assimilated.
- To assist our clients in what we call "project visualization", we use 5 main techniques, which are described below.
- All of the project visualization techniques are complemented via web enabled communication of the results, and online viewing at [www.projecttoolbox.com](http://www.projecttoolbox.com).

### Project Visualization

- Digitized, spatially presented data is viewed in 3D, permitting the client to virtually move within a project site
- By this method, for example, the impacts of subsurface chemicals on surface receptors are readily understood

### 3D Data Immersion

- By complementing the above 3D visualization with an ability fly through the data field, the project manager can virtually enter the project

### Animation

- Virtual 3D data renderings can be put into temporal motion permitting data trends to be better understood
- Construction sequences can be forecasted by animation, permitting a "design/build" team to work together more cohesively

### Model Building

- Project Navigator can create balsa wood "hard models" to describe planned future scenarios
- We have used balsa wood models in our Brownfields and overseas project development work

### Aerial Photography Analysis

- Digitized aerials from up to 80 years ago can be integrated into GIS data analysis
- We employ the simultaneous use of aerials and GIS to guide site assessment efforts

### Explanation Storyboards

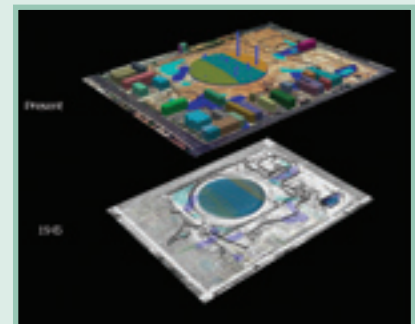
- Storyboards are a key communication technique within our arsenal. Great ideas and data analysis become more valuable if they can be explained clearly.
- Complex, spatially diverse information and data is presented in a dynamic, understandable, cartoon format.
- All work leading to the creation of the project storyboards is performed inhouse by the unique blend of Project Navigator artistic, graphic and engineering talents.
- We commonly use our storyboards to explain data and concepts at Superfund projects.



WDI Waste



Model for Angola



WDI in 1945 and 2000