

# **Introduction to Geographic Information Systems**

## **PART C**

*NPS Introduction to GIS: Lecture 1*

*Based on NIMC and Other Sources*

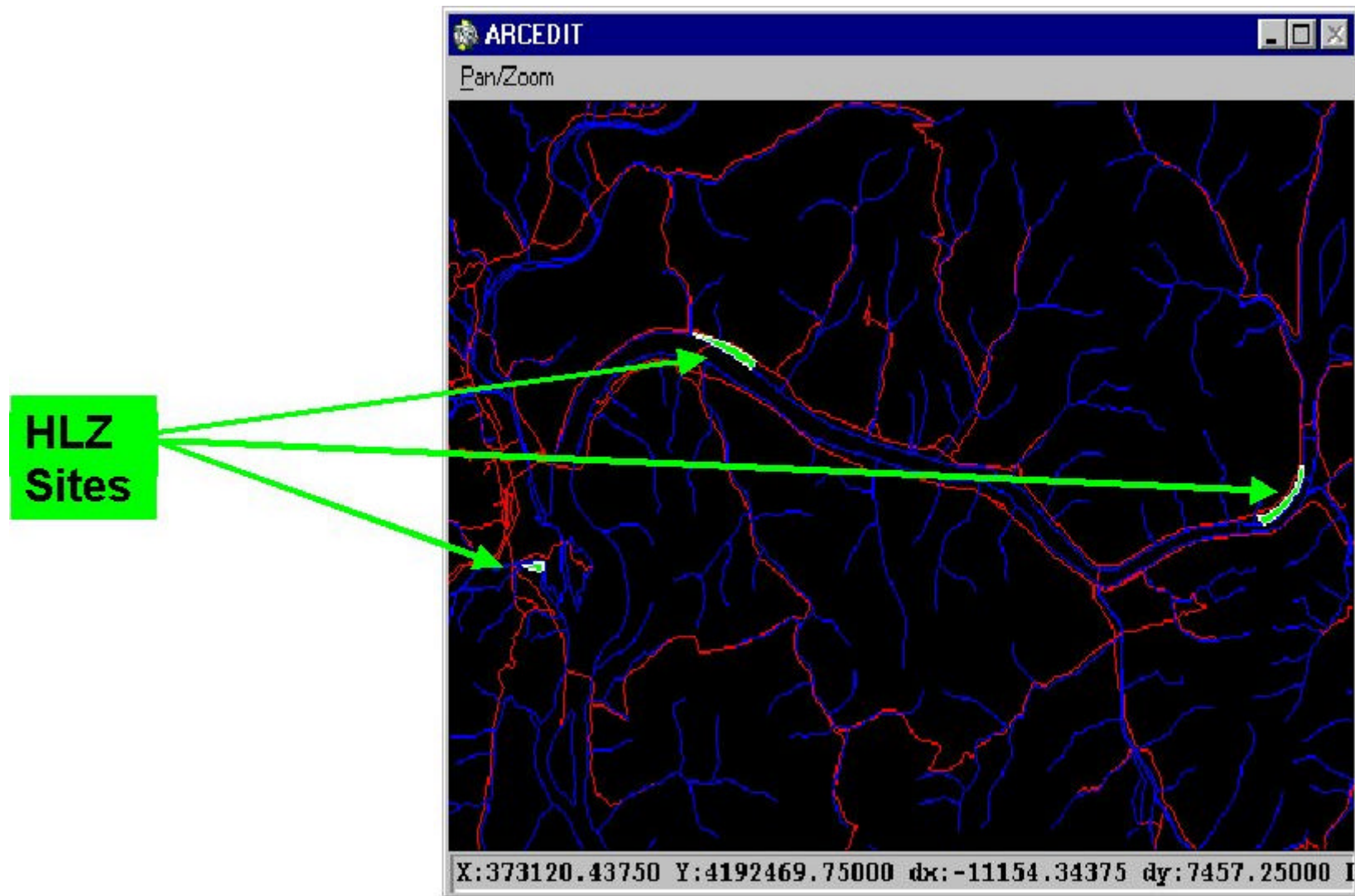
# **SOME EXAMPLES AND APPLICATIONS**

# GIS Applications

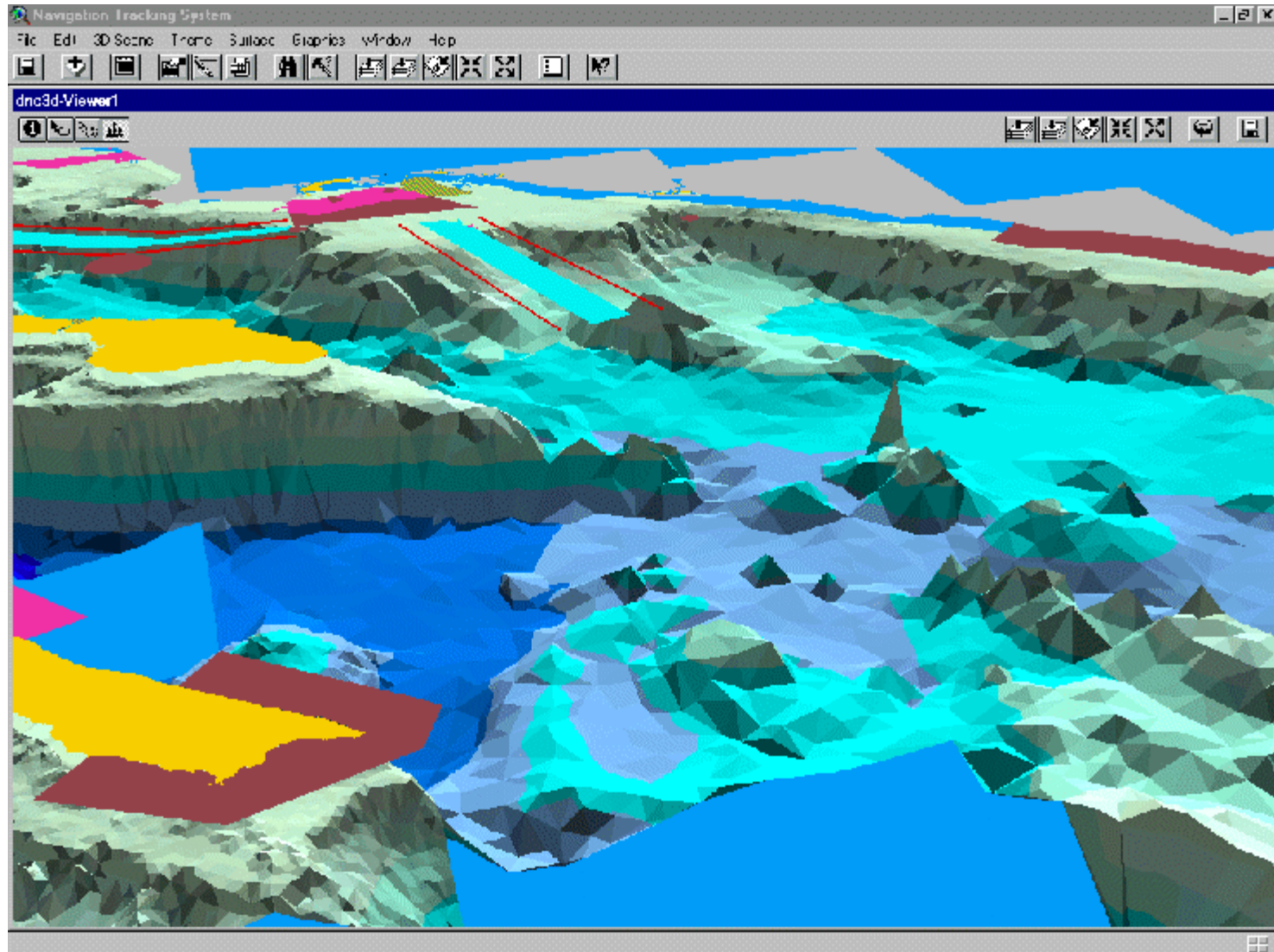
- Site selection
  - Helicopter Landing Zones
  - Amphibious Assault (Water Depth)
  - Buffer Zones
  - Flight Planning
  - Battlefield Visualization



# Helicopter Landing Zones



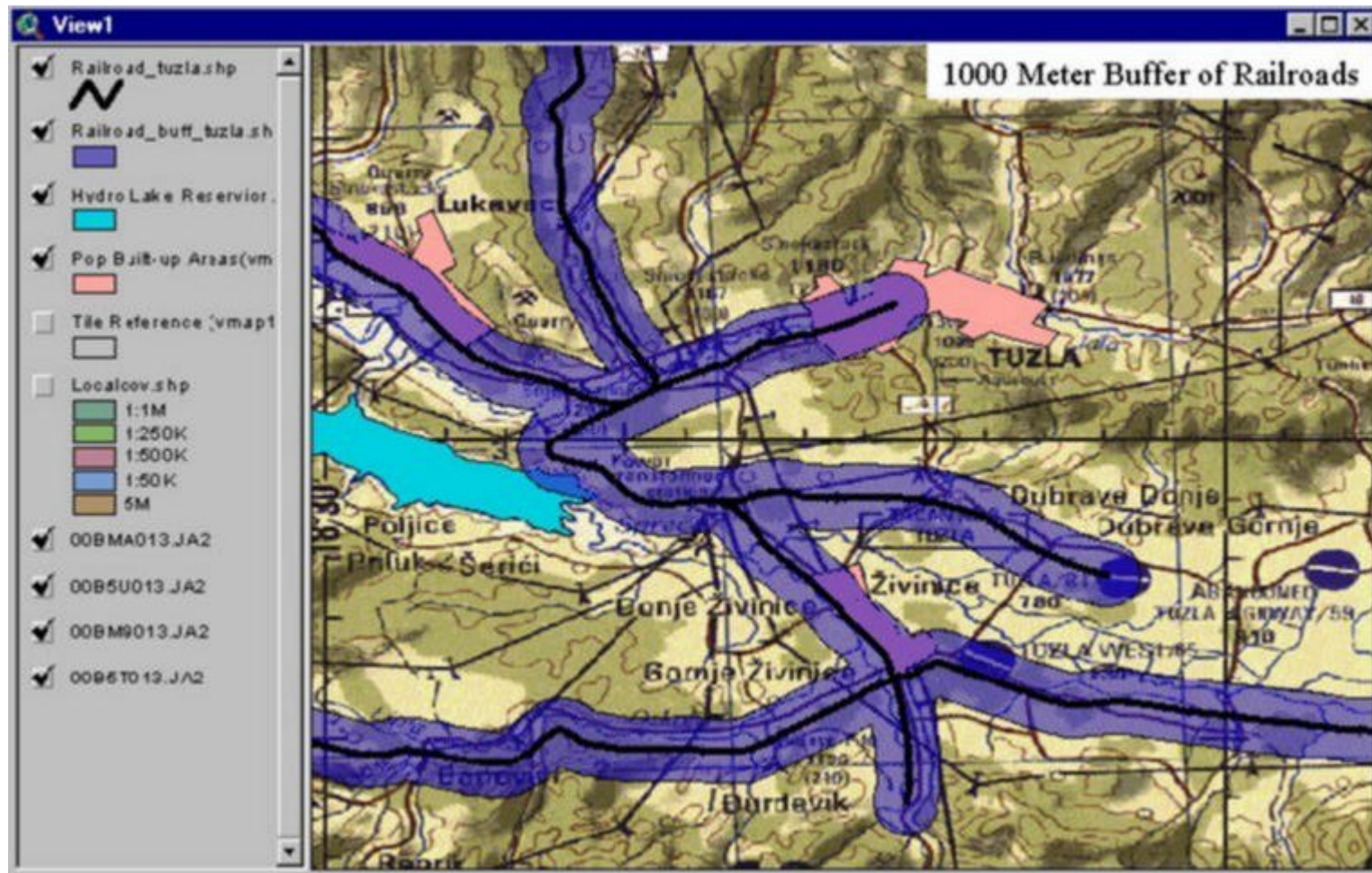
# Amphibious Assault Planning





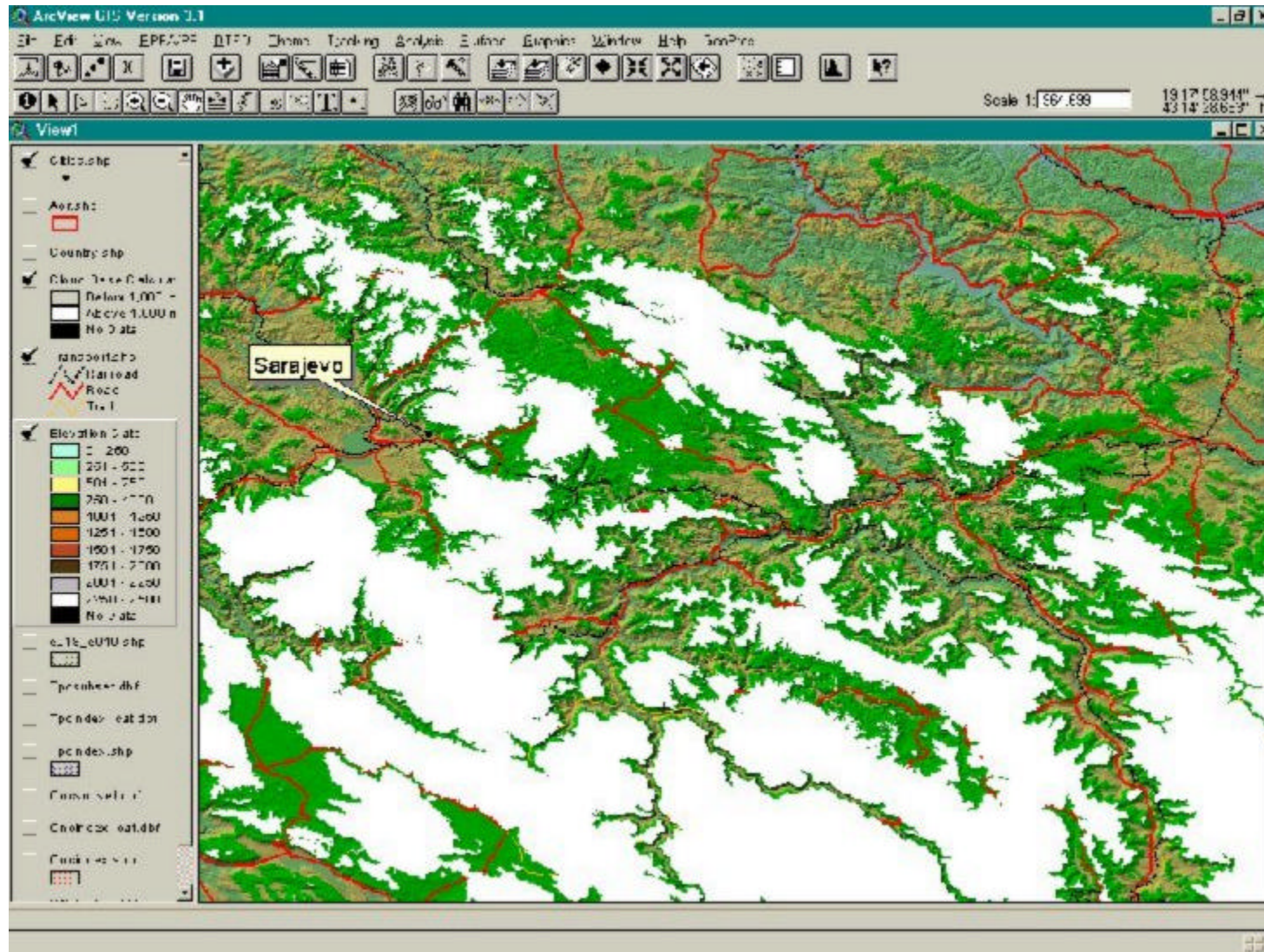
# Spatial Analysis

## Proximity Analysis (Buffers)

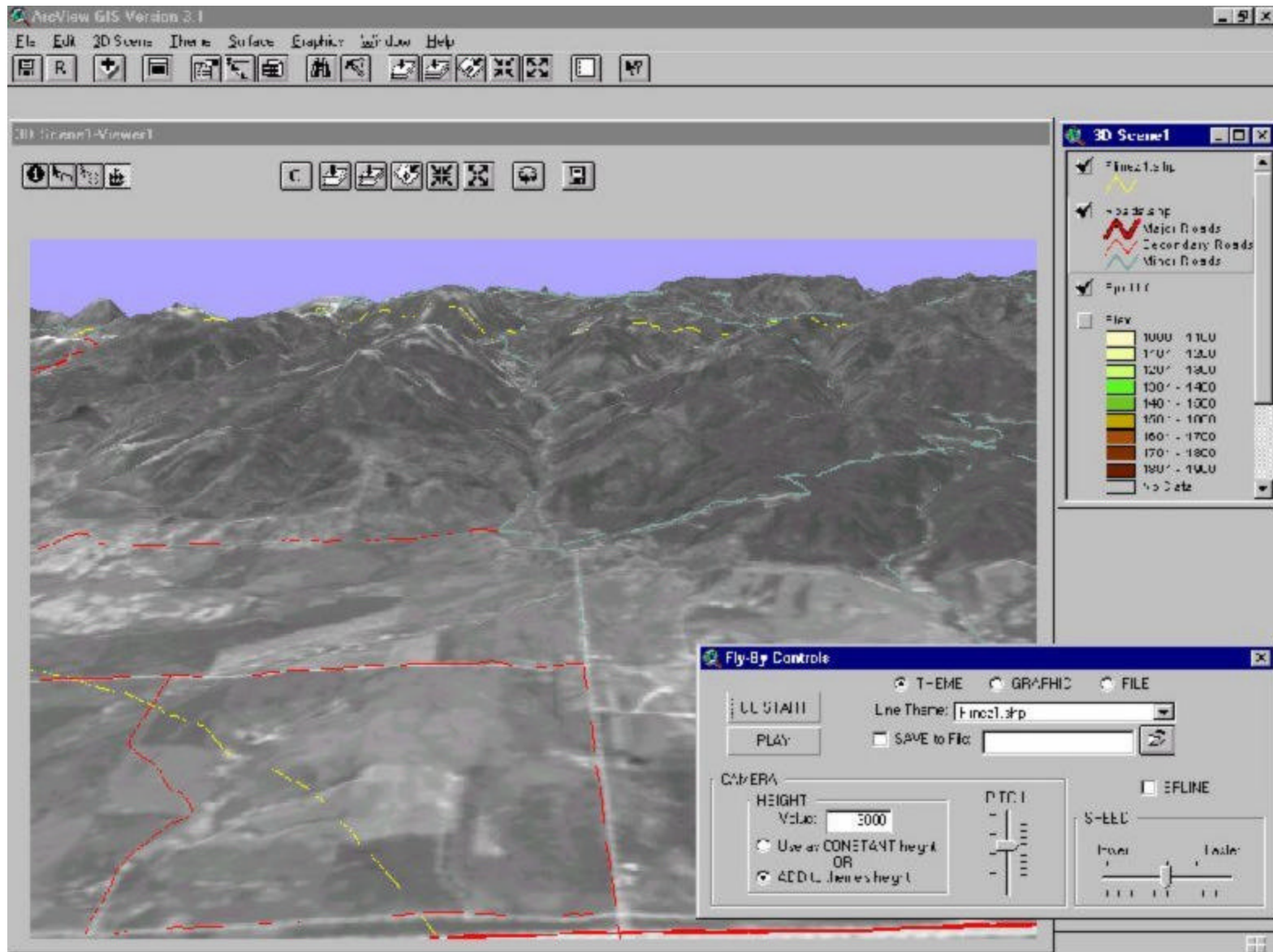




# Flight Planning



# Flight Planning/Flythroughs





# Battlefield Visualization and/or Situation Awareness

