

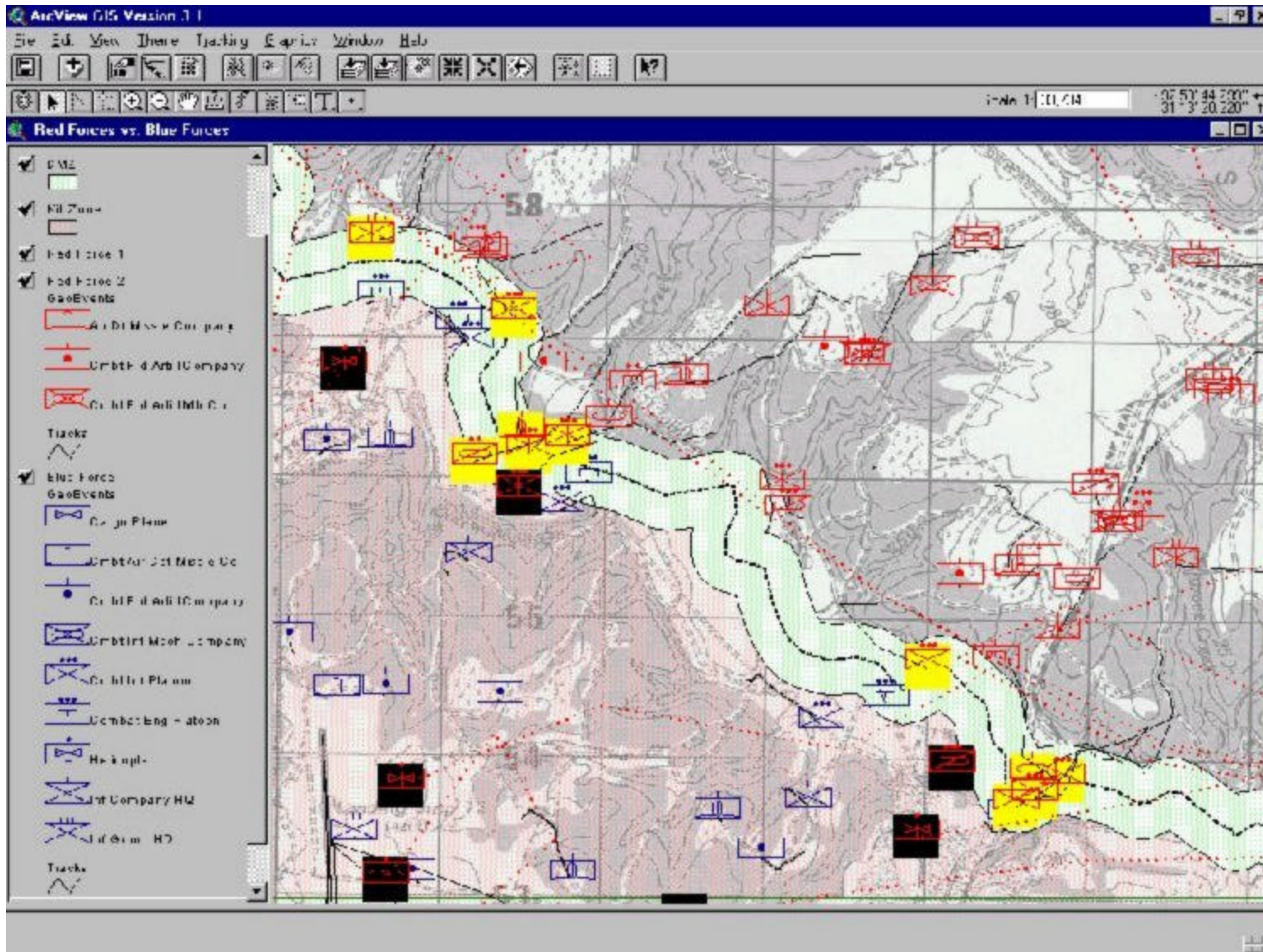
Introduction to Geographic Information Systems

PART D

NPS Introduction to GIS: Lecture 1

Based on NIMC and Other Sources

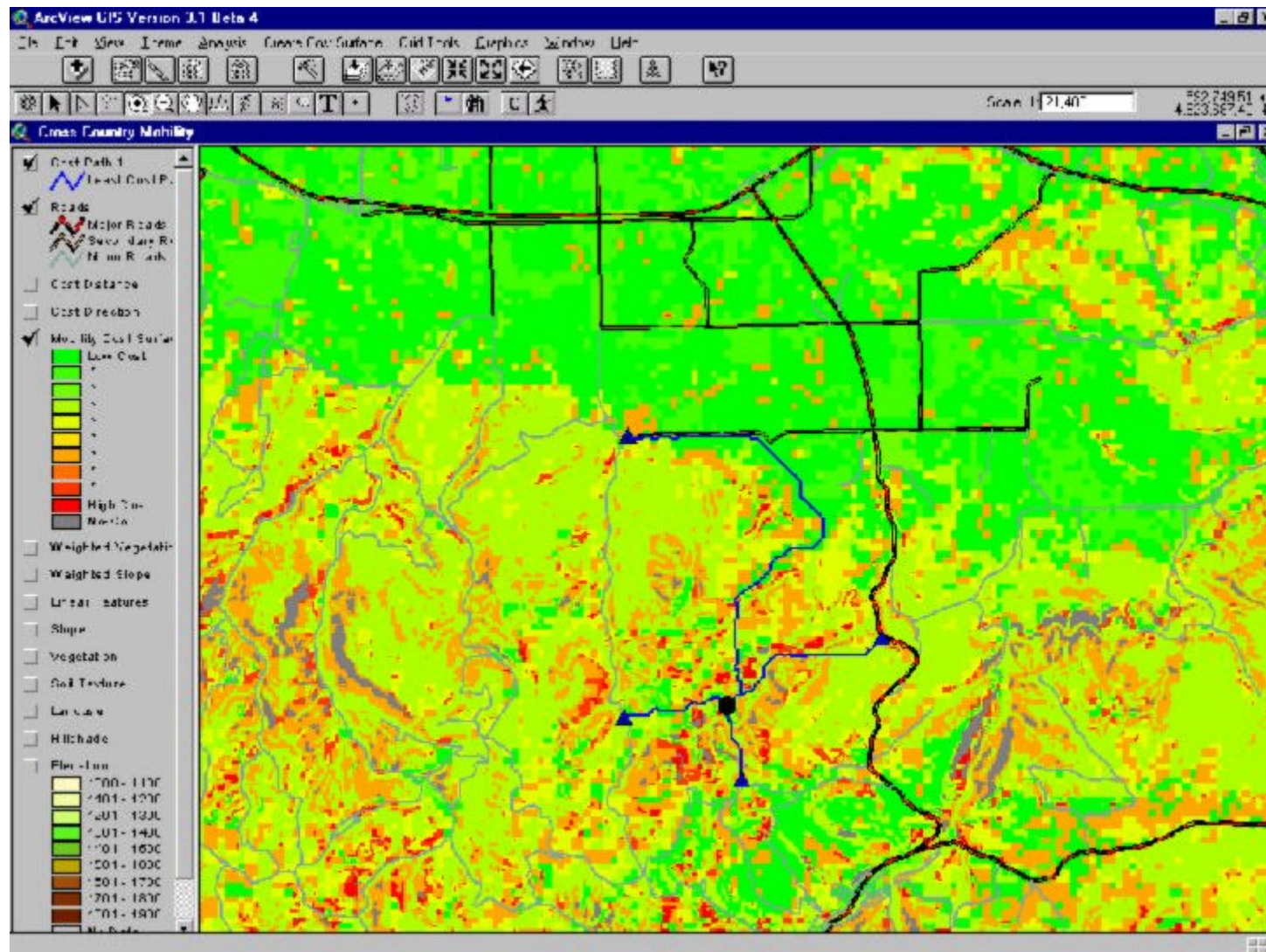
Battlefield Visualization and/or Situation Awareness



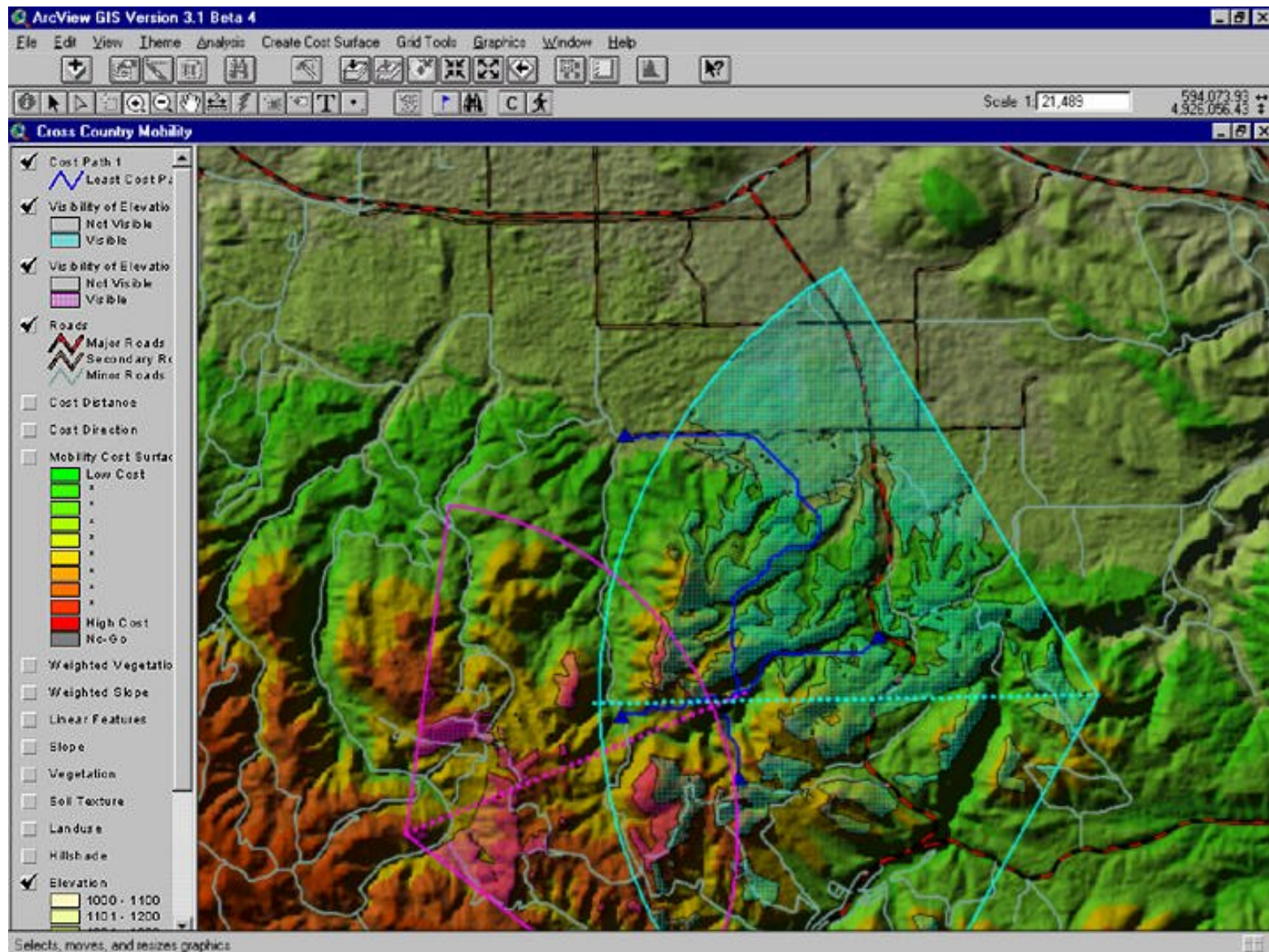
Other GIS Applications

- Cross country movement
 - Route planning
 - Intervisibility study
- Facilities management
- Airfield assessment
- Road network analysis (convoys)
- Propagation coverages
- Observation post siting analysis
- Perspective views

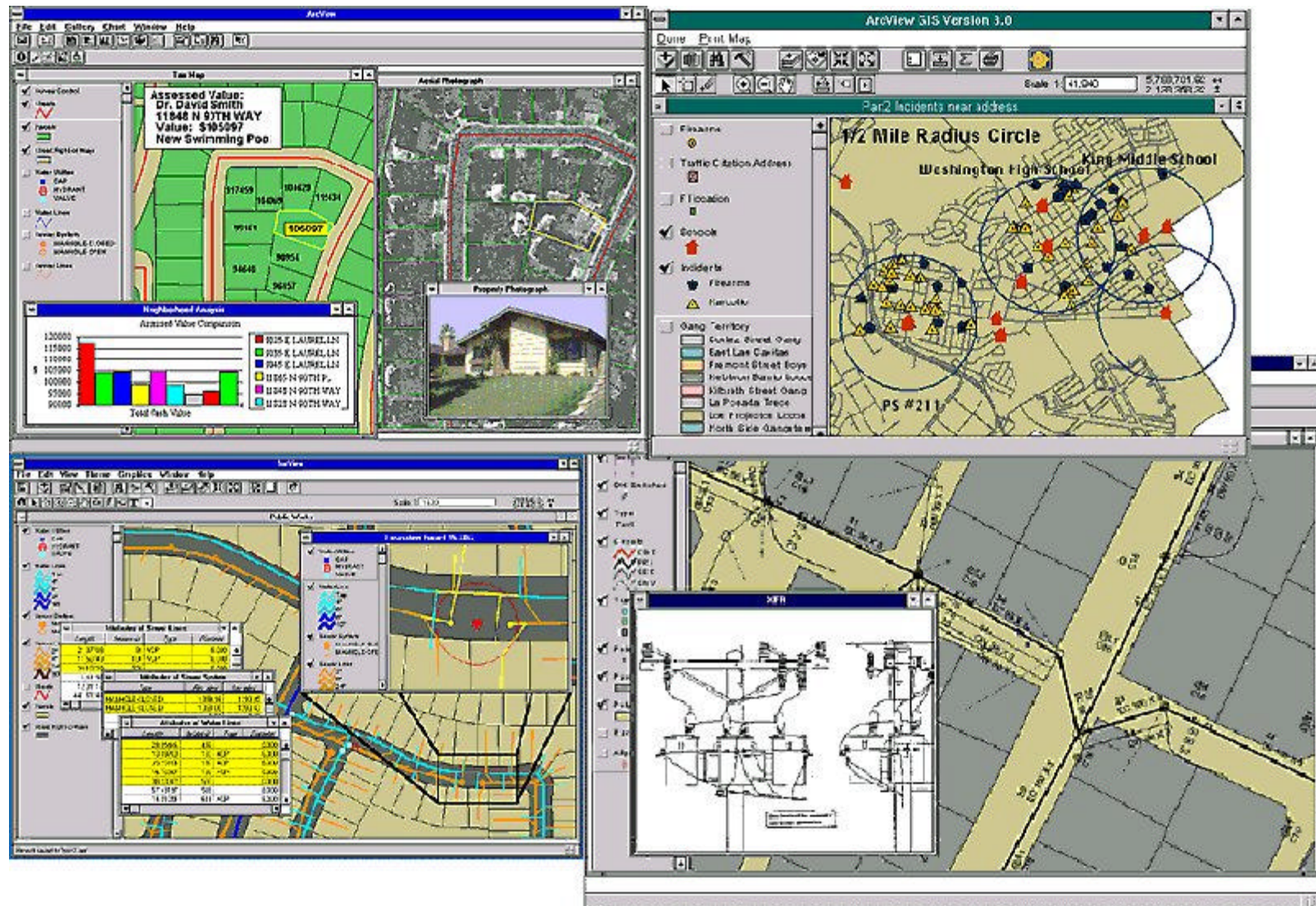
CCM Analysis



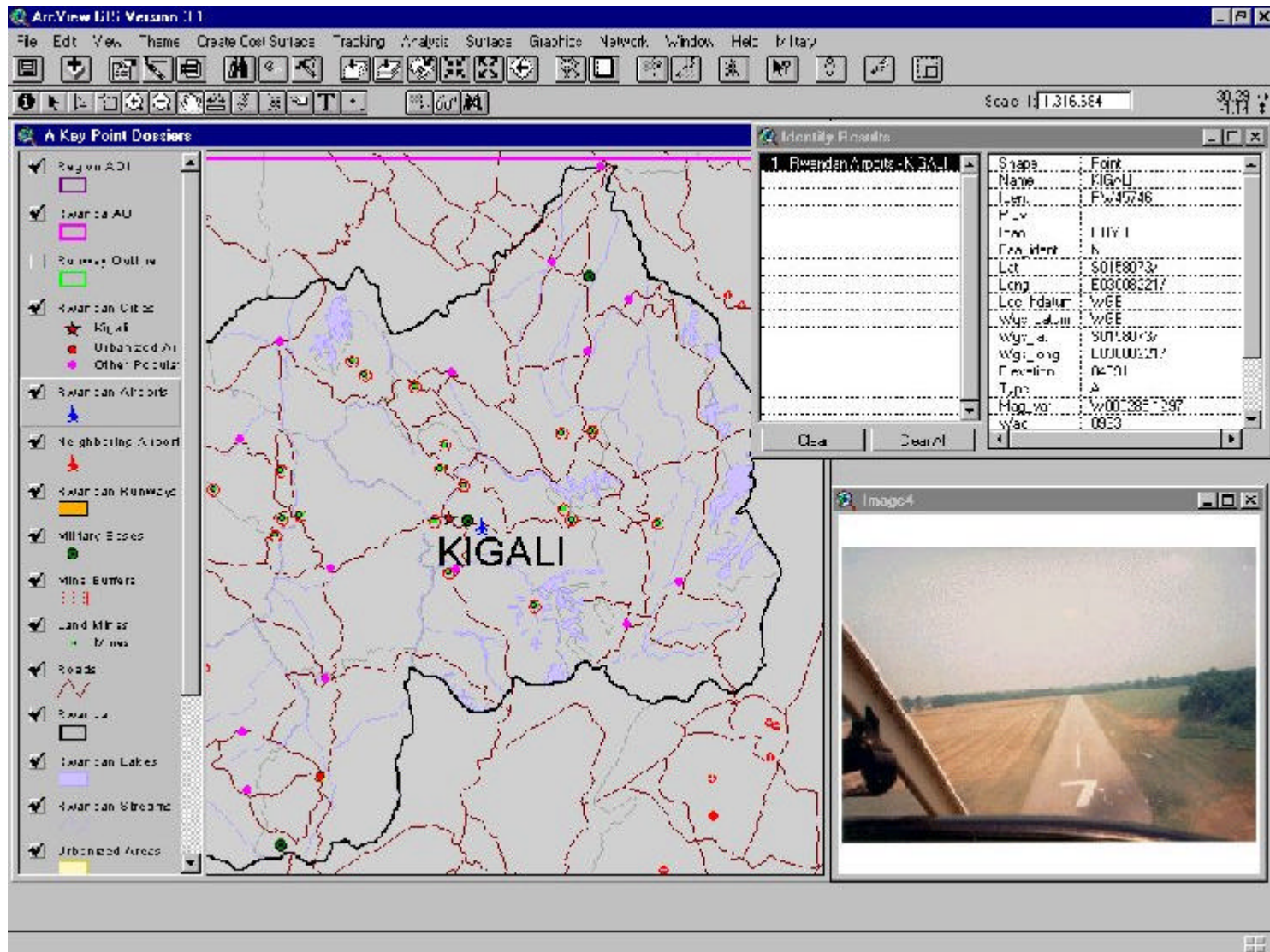
CCM & Viewshed



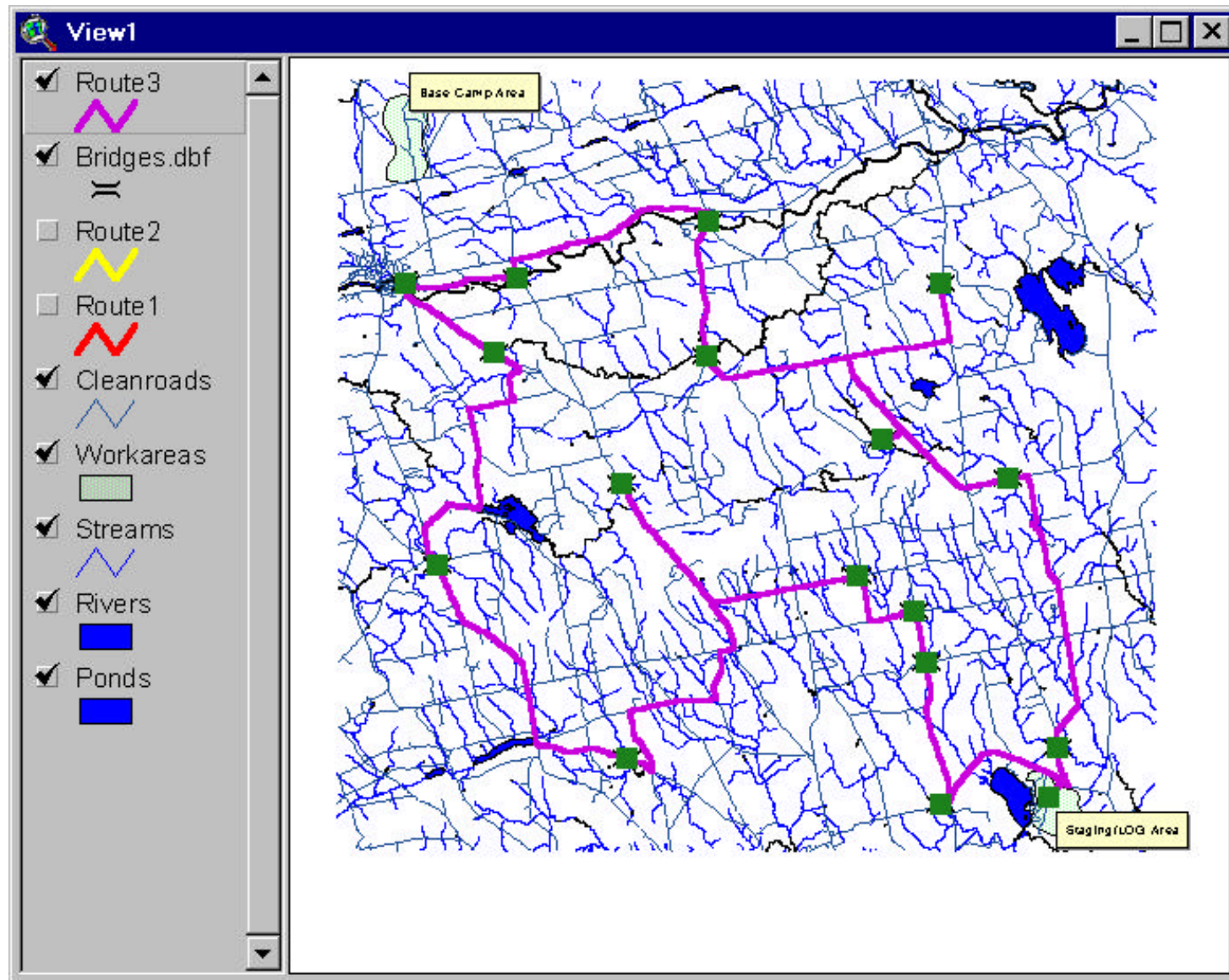
Facilities Management



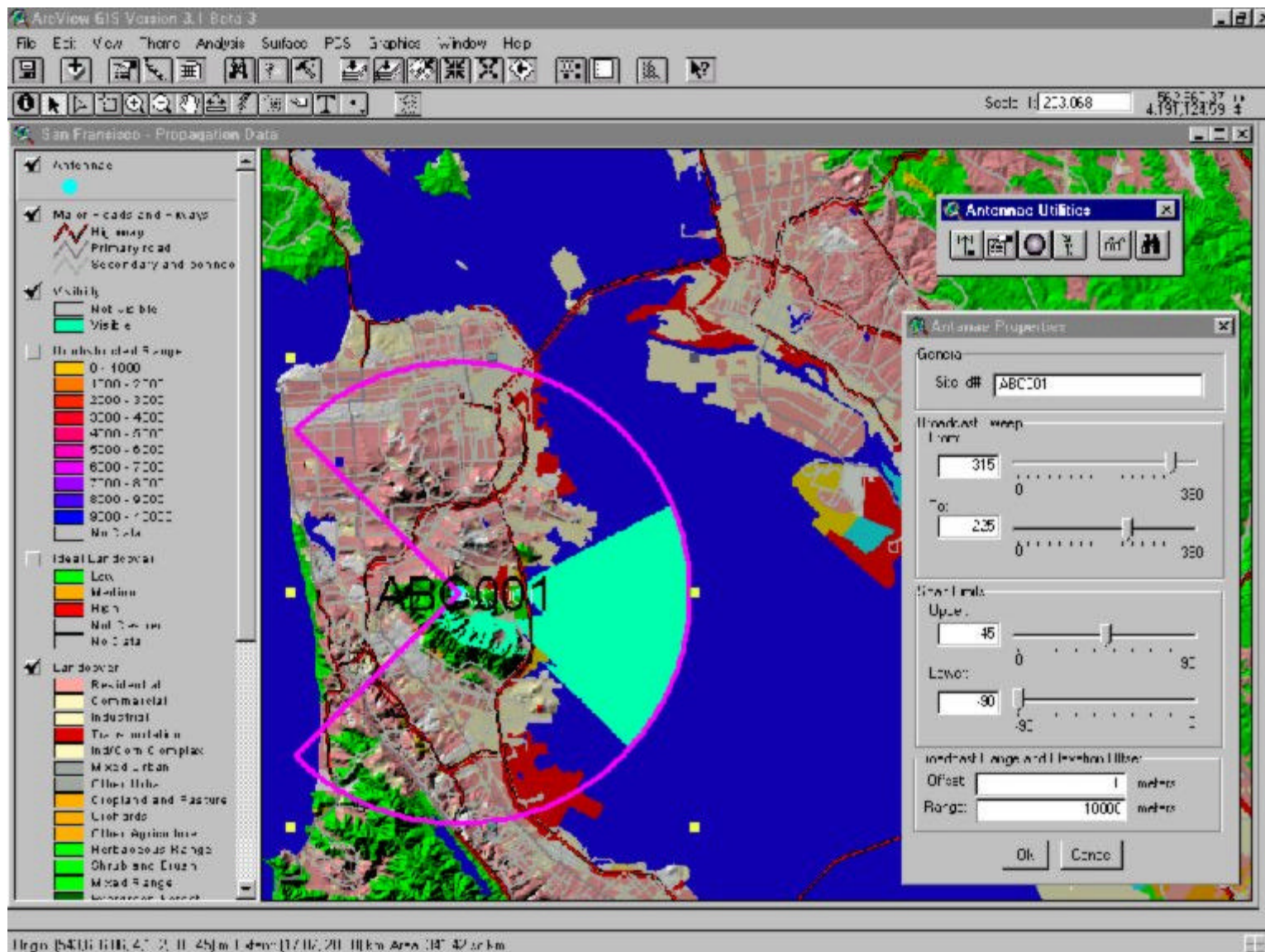
Airfields



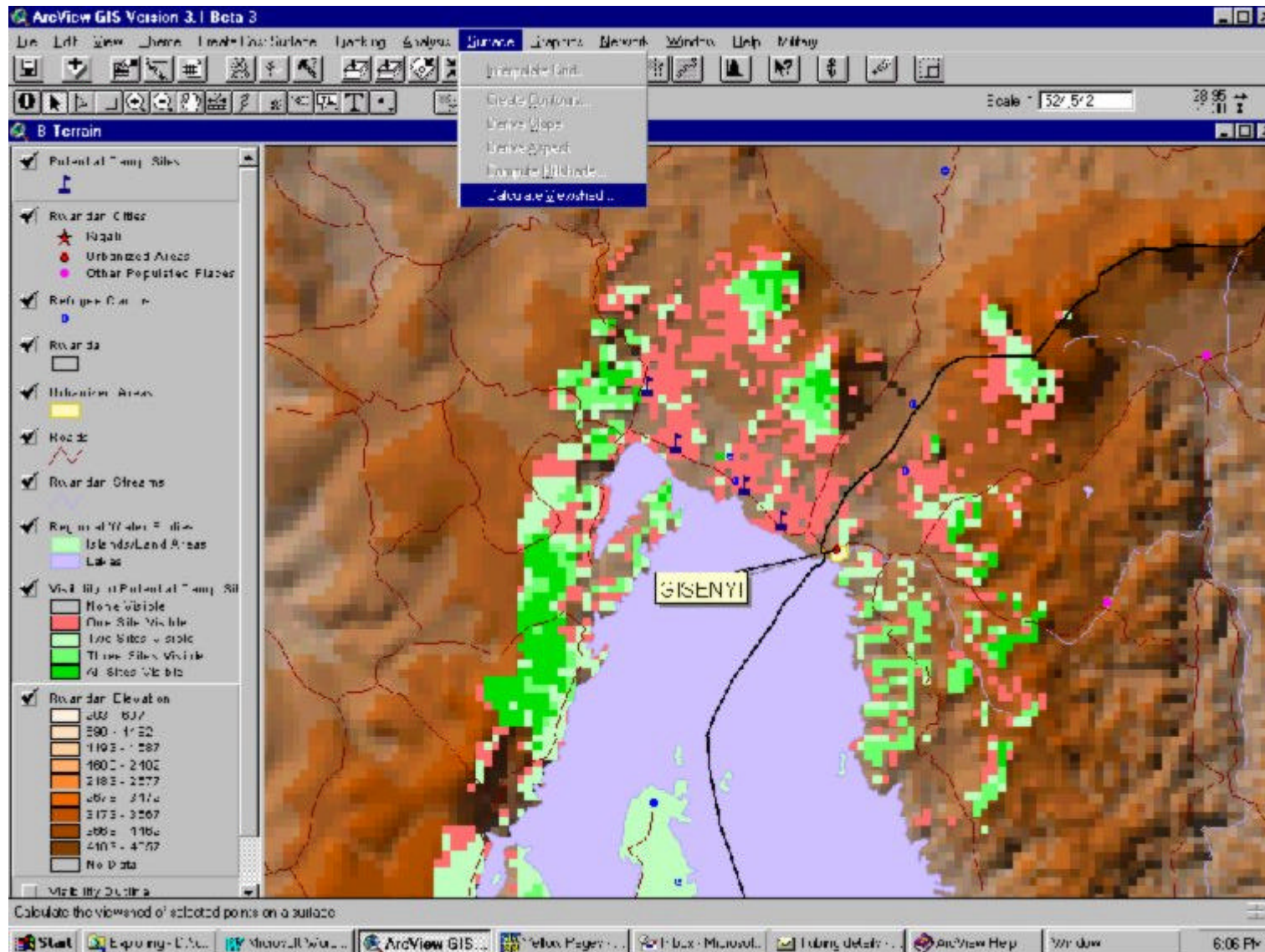
Network Analysis



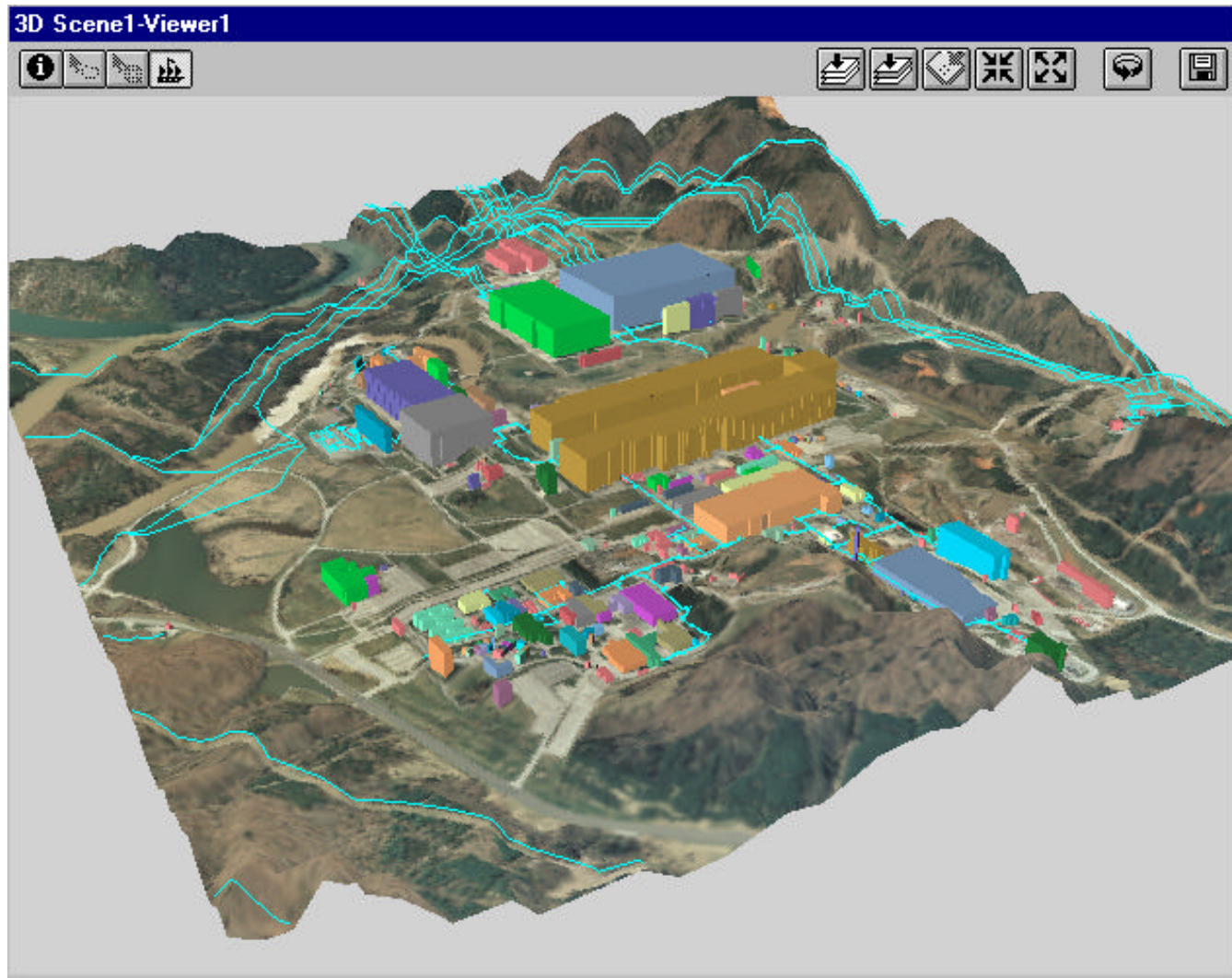
Antenna Propagation Coverages



Observation Post Siting Analysis



Perspective Views



SUMMARY

- ✓ Key Concepts
- ✓ Data representation
- ✓ Applications