

NAPA Study - Published in 1998

Geographic Information for the 21st Century

- **Proposed by American Congress on Surveying & Mapping.**
- **Conducted by the prestigious National Academy of Public Administration (NAPA 1998).**
- **Spurned by some bureaucrats and federal agencies.**
- **Supported before Congress by Secretary Babbitt (June '99).**
- **Calls for creation of:**
 1. **National Spatial Data Council (NSDC) - located in private sector.**
 2. **Geographic Data Service - alternate is U.S.G.S.**
- **Builds on the National Spatial Data Infrastructure (NSDI) as defined and developed by the Federal Geographic Data Committee (FGDC).**

The Global Spatial Data Model (GSDM)

- **Provides a simple, universal 3-dimensional mathematical foundation for the NSDI.**
- **Describes an efficient manner for organizing 3-dimensional spatial data on a global scale using local relationships.**
- **Defines computational procedures for manipulating spatial data. One set of equations is equally applicable world-wide.**
- **Gives mathematical definitions for spatial data accuracy.**