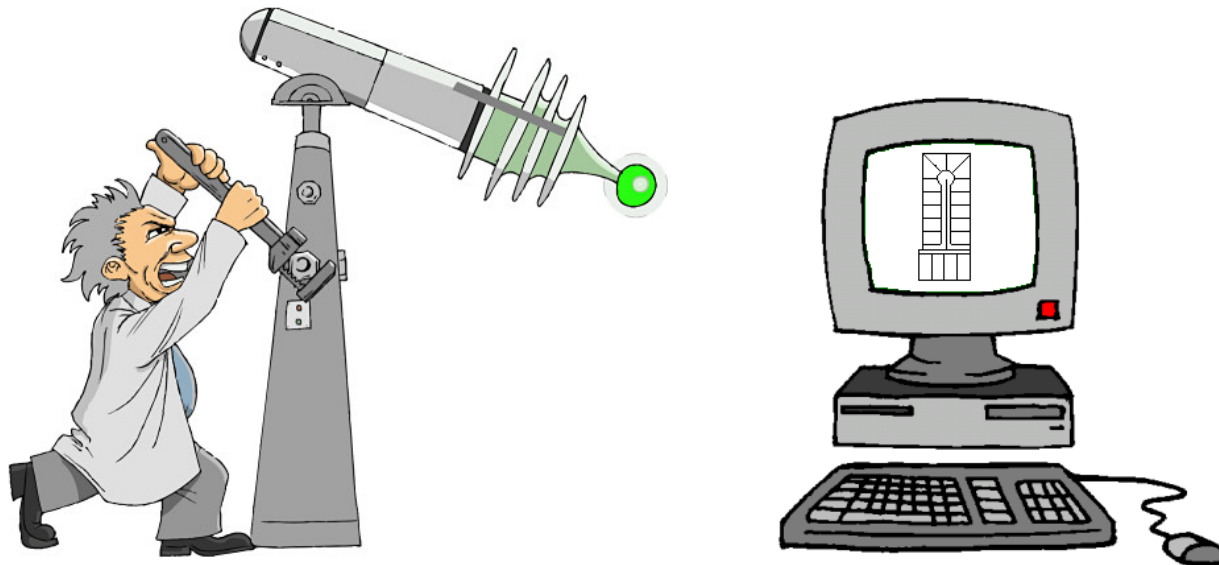


CONCOCTING A GIS PART II

Jim Isbell, Engineering Tech. II

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INSPIRATION (BLAME)

- Shasta County Assessor's CAD/GIS, 2004
- Pre-conference seminar, 2005 ESRI User Conference: "Cartography: Modeling GIS Data for Mapmaking"
- Santa Cruz County Assessor's GIS, 2005
- Los Angeles County Assessor's GIS, 2007
- ESRI Coverage format
- Sidwell Parcel Builder

STAFF & STUFF WE STARTED WITH

- ArcGIS (1 ArcInfo, 4 ArcEditors).
- Server, ArcSDE, SQL Server in GIS dept.
- Ambitious staff
 - One who is fairly proficient in ArcGIS and VB
 - One who is a logical, big-picture thinker
 - Three to cover our backs and take up the slack
 - All 5 well-versed in AutoCAD

DATA WE STARTED WITH

- 3300 CAD drawings (16900 maps total)
- Polygon shapefile of land parcels
 - Converted polygons to lines
 - Generated parcel points (centroids) with APN
- Section corners (Engineering Dept.)

COST OF CONCOCTING

- After a year-and-a-half, we estimate:
 - Thanks to slow economy!!!
 - 1920 man-hours of development time
 - About \$55,000 in county wages
 - Compared to \$288,000 in consultant fees



DEMO

QUESTIONS???

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