Working With Excel

- **Excel to table Conversion:**
- Add Data
- Data>spot_height
- Conversion tool>Excel>Excel to Table
- Input Excel File= spot_height
- Output= spot_height
- **Point shapefile creation from table:**
- spot_height >Display XY Data
- X field: East
- Y field: North
- Z Field: Height

DEM Creation

- Method 1: Using 3D Analyst Tool
- Arc Toolbox> 3D Analyst Tool> Raster Interpolation> Topo to Raster

Input Feature Data= spot_height

Field= height

Type: PointElevation

DEM Creation

- Method 2: Using Spatial Analyst Tool
- Arc Toolbox> Spatial Analyst Tool> Interpolation> Topo to Raster

Input Feature Data= spot_height

Field= height

Type: PointElevation

Contour from DEM

- Arc Toolbox> Spatial Analyst Tool> Surface> Contour
- Input raster>any DEM
- Contour interval> 3

TIN from Contour

- Arc Toolbox> 3D Analyst Tool> Data Management >TIN> Create TIN
- Input Feature Class: Contour
- Height: Contour

DEM from TIN

- Arc Toolbox> 3D Analyst Tool> Conversion > From TIN> TIN to Raster
- Input TIN: TIN