Wrap-up of Vector/Raster/3D Modeling

Outline

- **Review of Vector Modeling and Geoprocessing**
  - Spatial joins (graphical & object-based; within/contains/centroid-based/...)
  - Intersect/union..., area allocation, one-to-many relations

  Review of Raster Modeling - [... Lorlene Hoyt's Spring 2002 notes](#)[*]

  - Interpolation/kriging methods to generate value 'surfaces' and other smoothed distributions
  - Map algebra to create new layers as algebraic sums of other proximate cells ('Neighborhood statistics)
  - Density maps, contour plots, [... Lorlene Hoyt's Spring 2002 notes](#)[*]
- **Introduction to 3D Analyst**
  - Adding 'Z': 3D CAD models & 2.5-D surface models: lattice mesh, TIN
    - [...Lorlene Hoyt's Spring 2002 notes](#)[*]
  - Using ArcView's 3D analyst

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[*] Kindly refer to the Lecture Notes section