











Overlay type	ArcView 3x	ArcGIS 9x	ArcInfo Workstation
Point to Polygon	Geoprocessing Wizard – Spatial Join	Join and Relates: Join – Join data based on spatial location	Arc: identity
Point to Grid	Spatial Analyst: Analysis – Tabulate Areas or Script: samplegrids.ave	Spatial Analyst: Raster Calculator Toolbox – Spatial Analyst Tools- Extraction-Extract by Points or Sample	GRID: sample





Overlay type	ArcView 3x	ArcGIS 9x	ArcInfo
Poly to Poly	Geoprocessing Wizard – Intersect or Union	Toolbox – Analysis Tools – Overlay – Union or Intersect	Arc: intersect Arc: union Arc: identity
Poly to Grid	Spatial Analyst: Analysis – Tabulate Areas Spatial Analyst – Zonal Statistics	Convert the polygon cover to a grid or the grid to a polygon Spatial Analyst – Zonal Statistics	GRID: zonalstats
Grid to Grid	Spatial Analyst: Analysis – Tabulate Areas or Extension: Grid Transformation Tools – Transform Grids - <u>Combine</u>	Spatial Analyst: Raster Calculator Combine(grid1, grid2) Spatial Analyst: Analysis – Zonai- Tabulate Areas	GRID: combine













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GIS Tips!

• Avoid using folder and file names that includes a space. Rather than naming a folder 'GIS Data' name it 'GISData' or 'GIS_Data'

• Use ArcCatalog for management of GIS data (copying, moving, renaming etc.). If you use Windows Explorer for data management you may corrupt or loose GIS data.

• Manage your data well. Keep all data related to a project in the same main folder. This enables you to back up and transfer your entire project to a CD or DVD when finished.

























