Possible Workflows Using *Topographic Analysis Kit*

GeoTiff or ASCII of Digital Elevation Model

MakeStreams

ConditionDEM   *RemoveFlats*   *FitThreshold*

Individual Basin(s) Selection

Basin Average Maps or Plots
shp   array   **Shapefile of Categorical Data**

Stream Selection and Projection
shp   array

Channel Steepness or *X* Maps / Grids
shp

Swath Profiles with Projected Data
array

BasinPicker   *ProcessRiverBasins*   *CatPoly2GRIDobj*

SegmentPicker

KsnChiBatch   *KsnProfiler*

MakeCombinedSwath   *MakeTopoSwath*

pdf   pdf

SubDivideBigBasins

ascii grid   shp   shp

SegmentPlotter   *SegmentProjector*   *ClassifyKnicks*

pdf   pdf   shp

FindBasinKnicks   *Basin2Shape*   *Basin2Raster*   *PlotIndividualBasins*   *CompileBasinStats*

shp   shp   ascii grid   pdf

BasinStatsPlots

pdf