STARS: SPATIAL TOOLS FOR THE ANALYSIS OF RIVER SYSTEMS

Fitting spatial stream-network model requires multidisciplinary skills in aquatic ecology/biology, geographic information science, and spatial statistics. In addition, specialised geographic information systems (GIS) tools are needed to generate the data necessary to fit spatial stream-network models. The Spatial Tools for the Analysis of River Systems (STARS) custom toolset for ArcGIS hasbeen provided to help users generate these spatial data (Peterson and Ver Hoef 2014). In previous versions, it was necessary to make use of the Functional Linkage of Waterbasins and Streams (FLoWS) toolbox (Theobald et al., 2006) during the pre-processing steps. However, the relevant FLoWS tools have been incorporated into STARS versions $\geq$ 2.0. The STARS toolbox provides all of the tools needed to generate the specific spatial data needed to fit spatial stream-network models.

Please click on the blue link below to get the latest releases and documentation:

STARS