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2012

A GIS BASED SPATIAL DECISION SUPPORT SYSTEM FOR LANDSCAPE CHARACTER ASSESSMENT

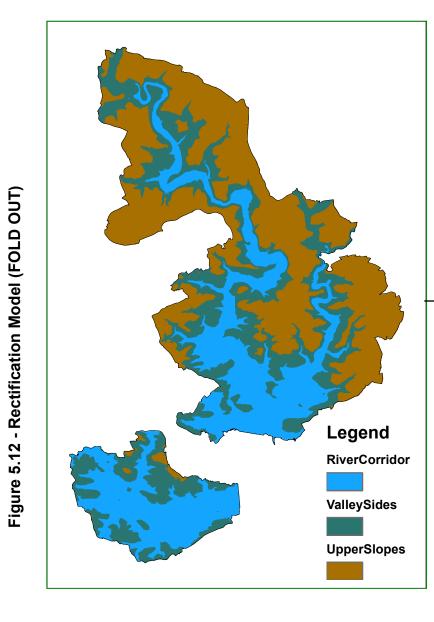
Davey, Faye Elanor

http://hdl.handle.net/10026.1/1168

http://dx.doi.org/10.24382/3923 University of Plymouth

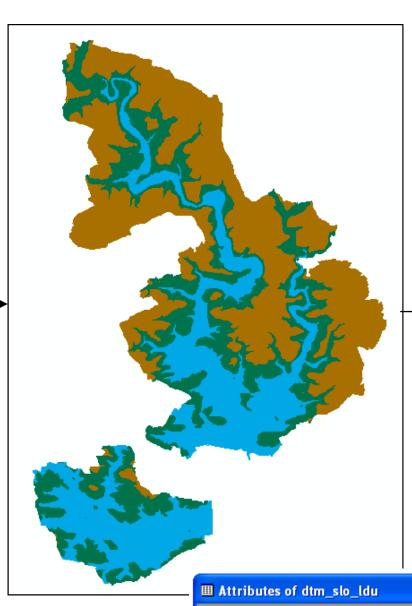
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Figure 5.12 - Rectification Model

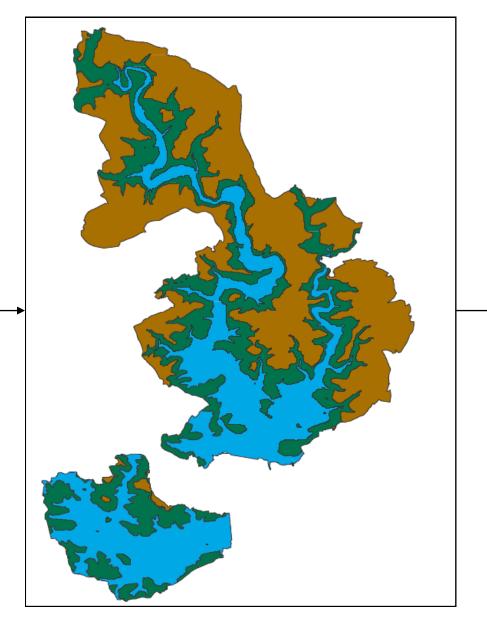


a) The Landform LDU file was converted from a raster to polygon file (using option do not simplify). This resulted in three classes

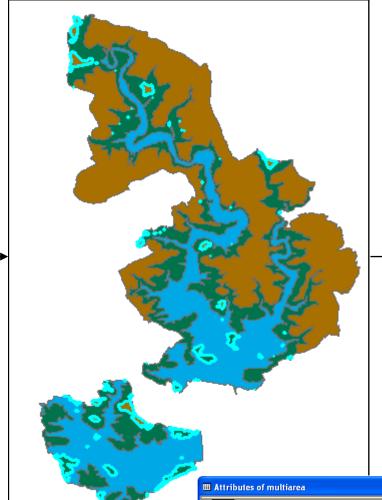
River Corridor 1 Valley Sides 2 Upper Slopes 3



b) The Multipart-to Single part tool was used to separate each of the polygons from the three separate polygons to individual polygons whilst retaining their classification ion.



c) The Calculate Area tool added a field to the attribute table and calculated the area of each polygon in m². This file is processed with the Make Feature Layer tool, and then polygons of >1000000 m2 were selected using the Select By Attributed tool



d) The file is processed with the Eliminate tool to remove the selected polygons. The Feature To Raster tool is then used in convert the file into the correct format for input into the next model.

