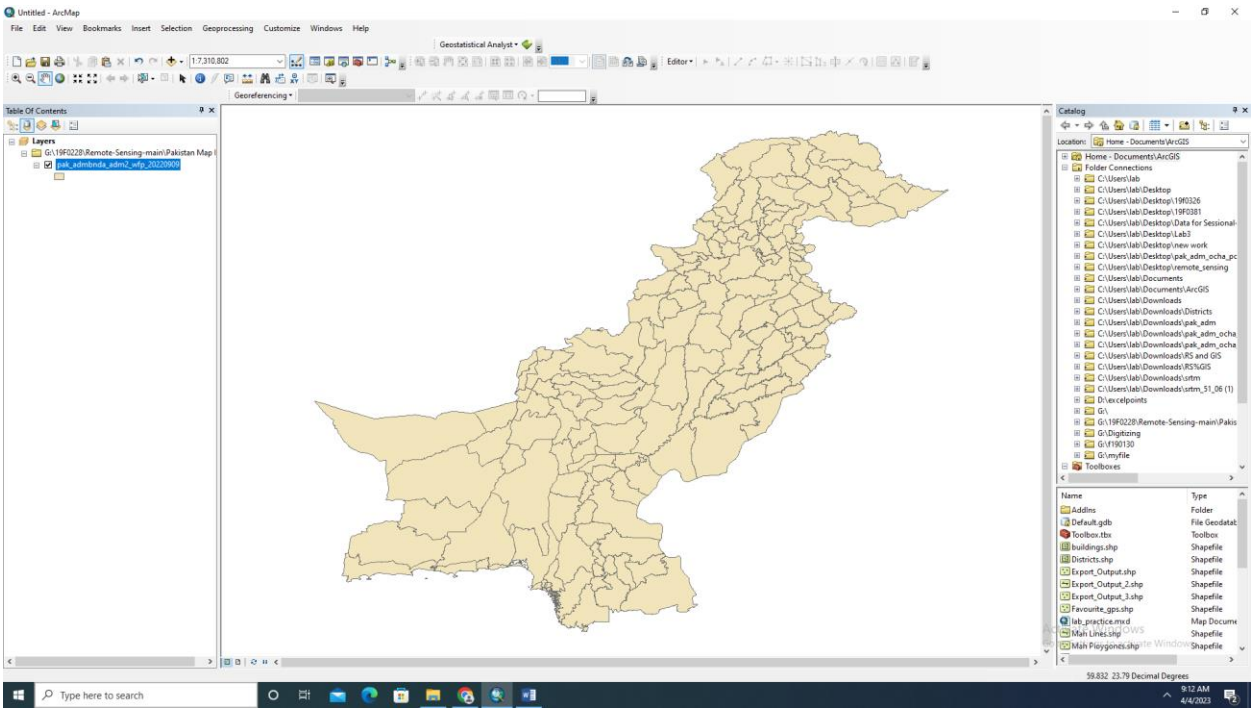
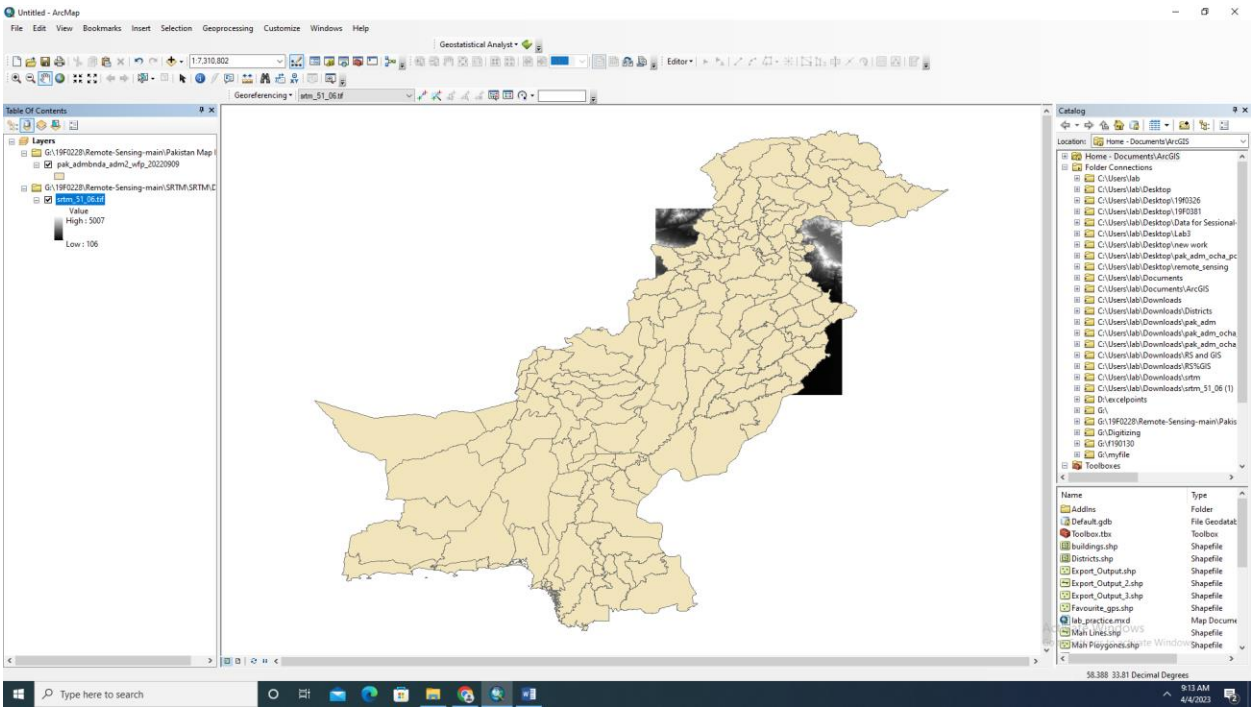
19F-0228
Muhammad Zain
Model Creation

Step 1

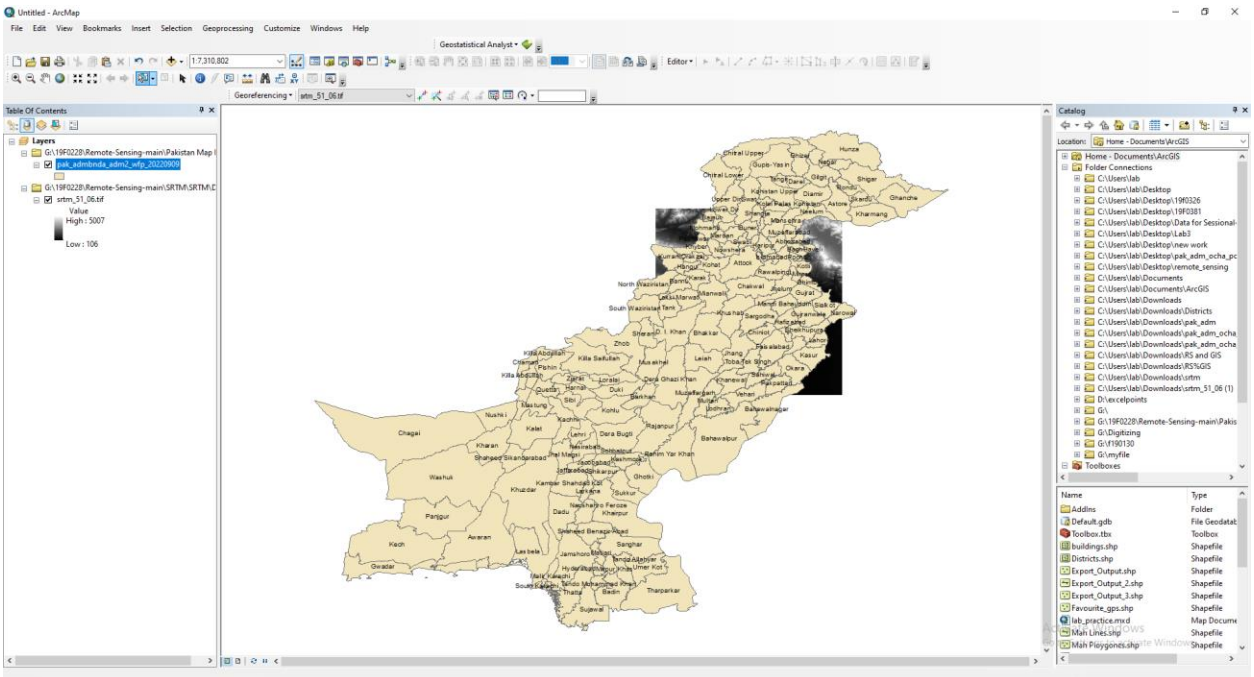
Imported Pakistan Map file and SRTM tif file





Step 2

Selecting the City i.e Toba Tek Singh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File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help
Table Of Contents
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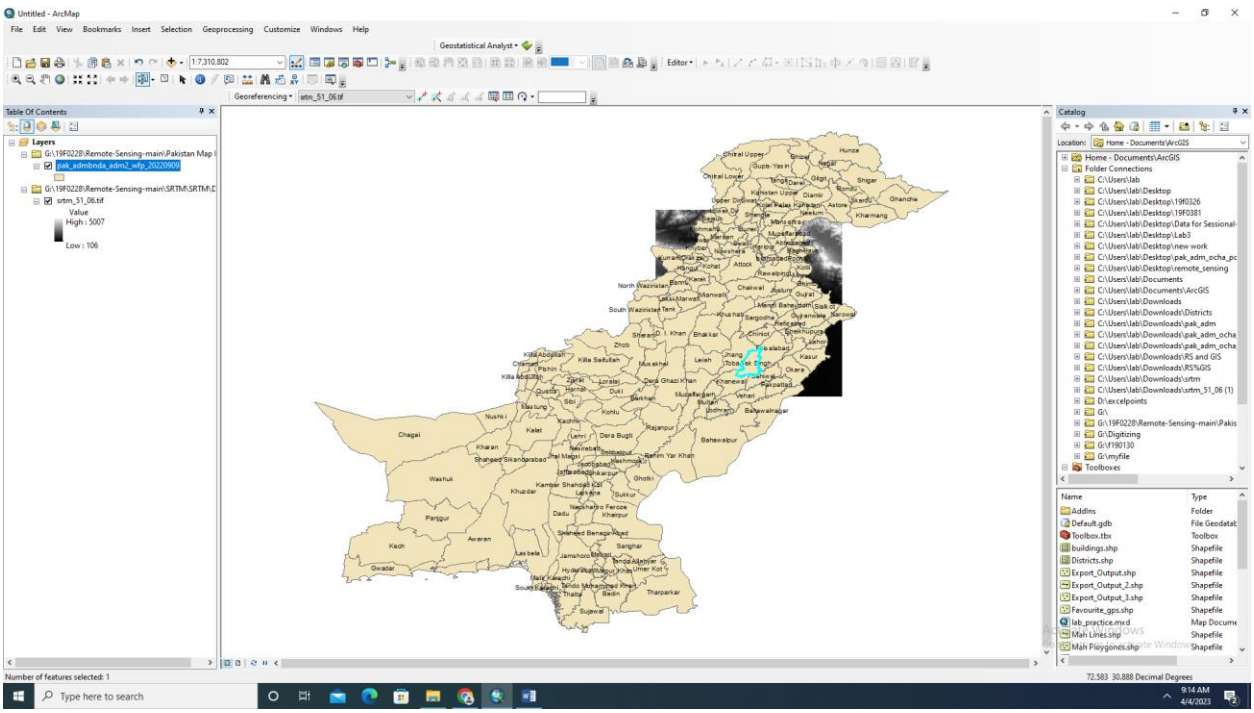
srtm_51_06.tif
Value
High : 5007
Low : 106
Catalog
Type here to search
9:14 AM
4/4/2023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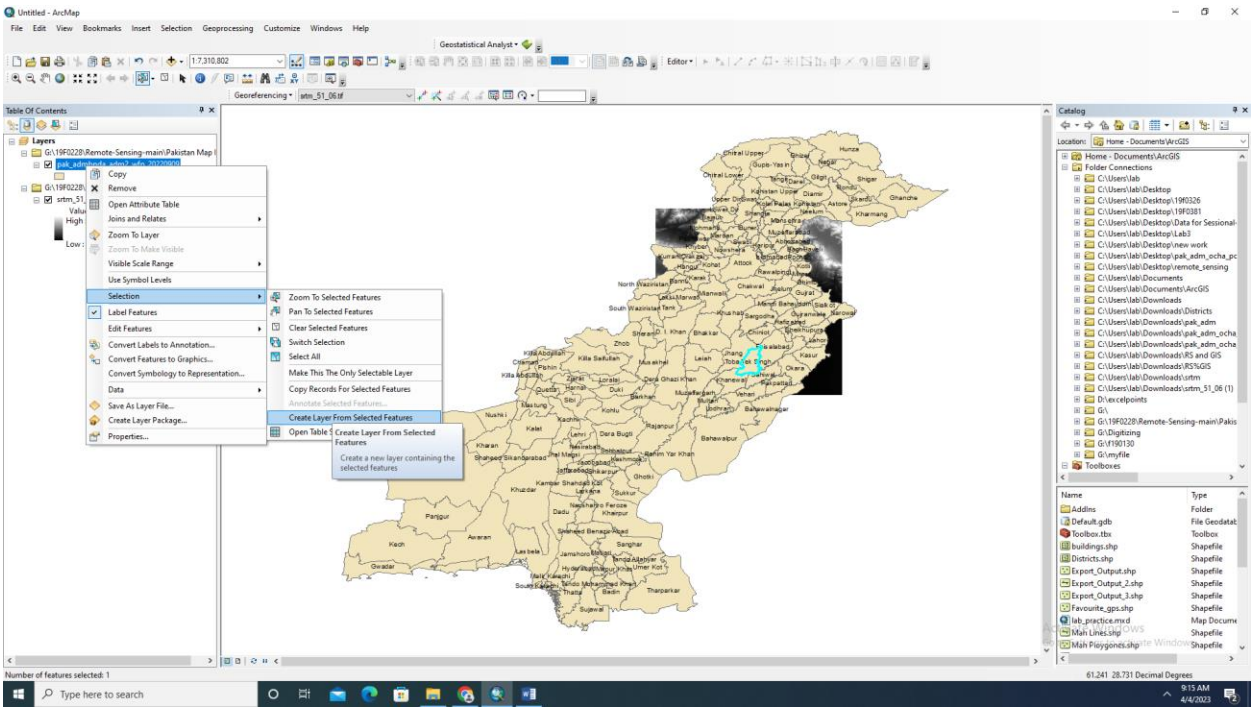
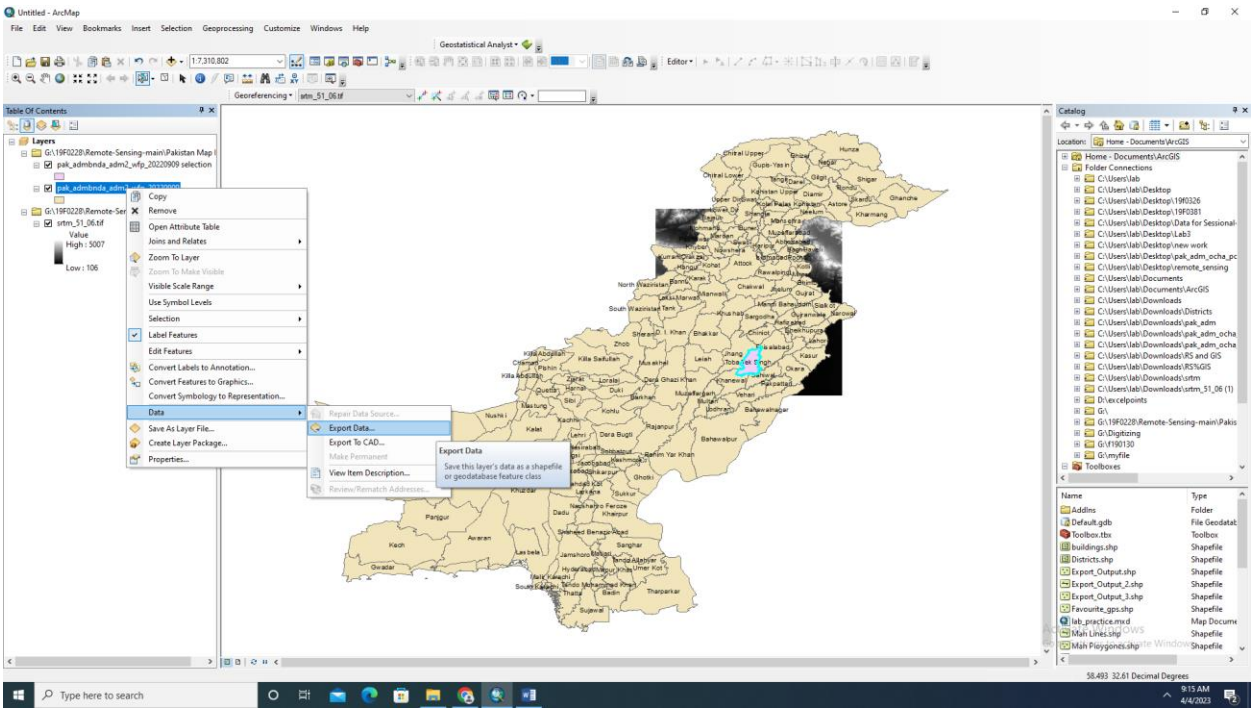
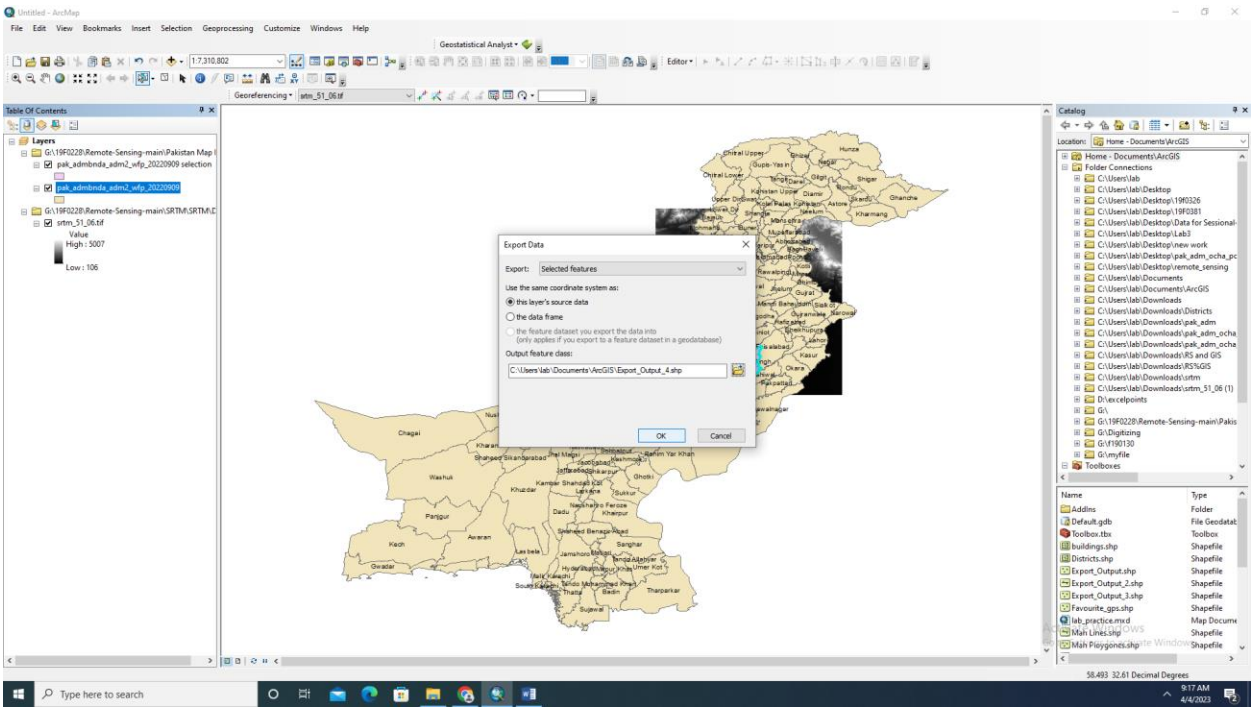
4/4/2023



Step 3

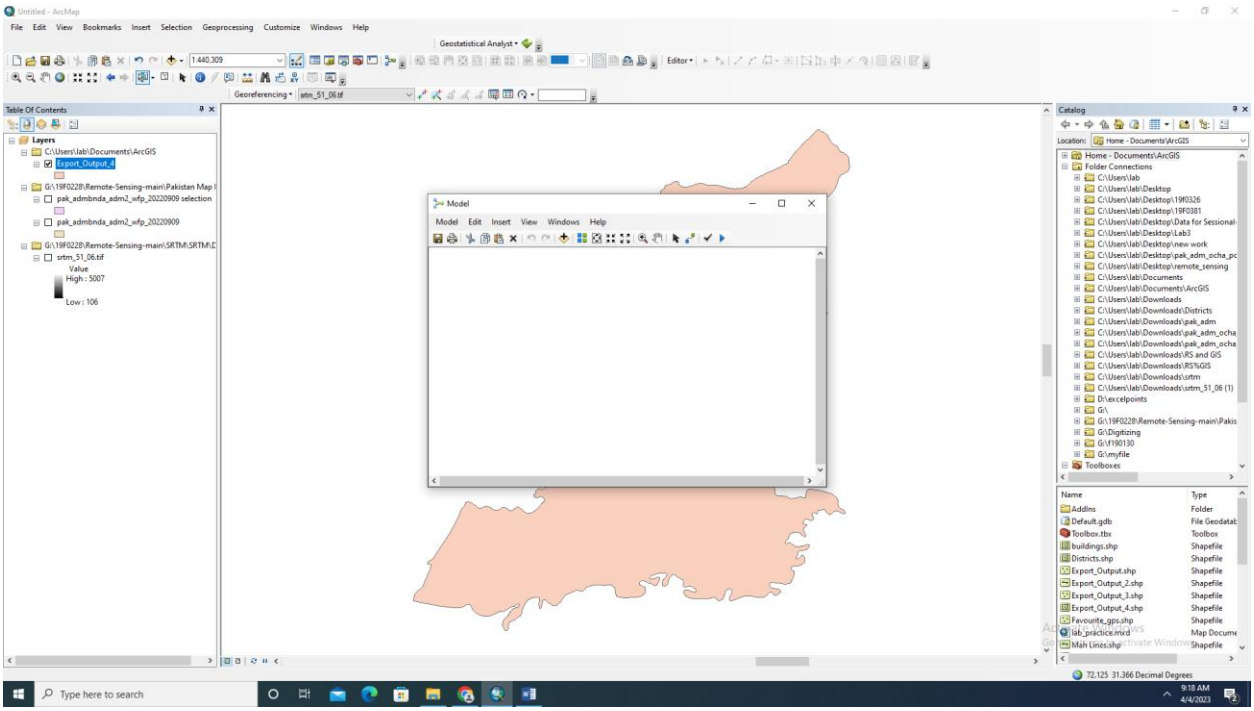
Conversion into Shapefile





Step 4

Importing Model



Step 5

Importing Masking for spatial analysis and attaching inputs

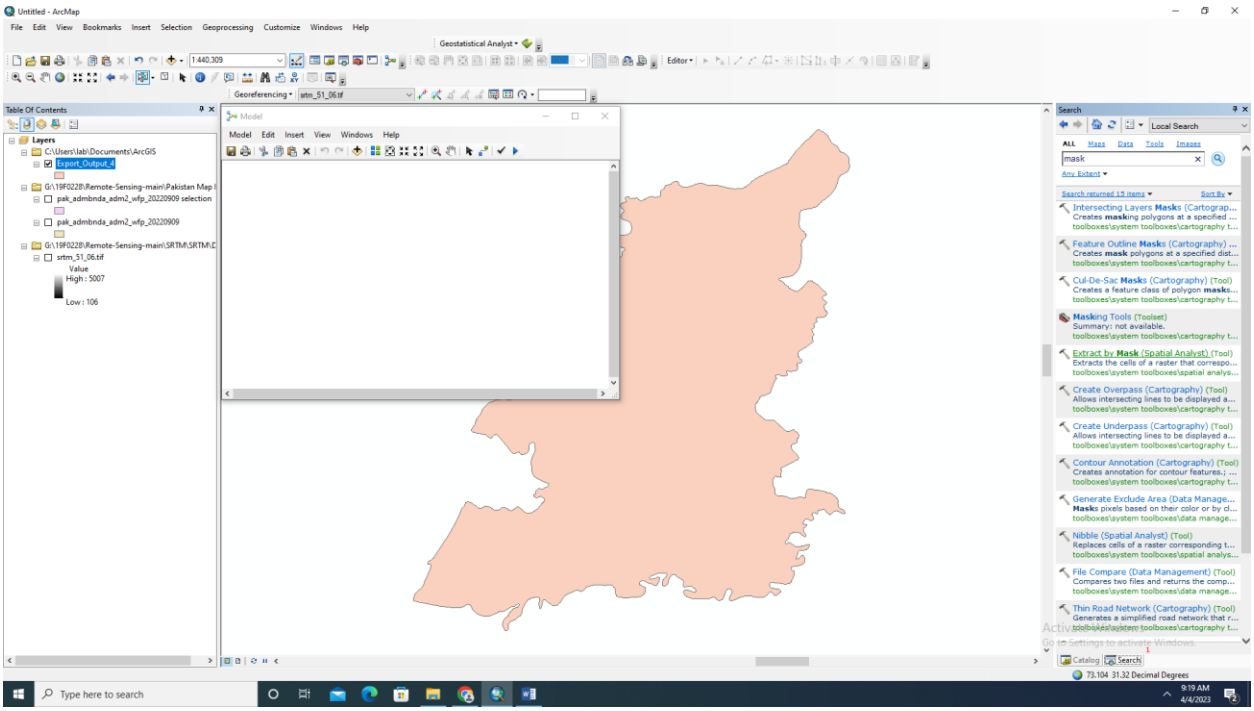

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Table Of Contents
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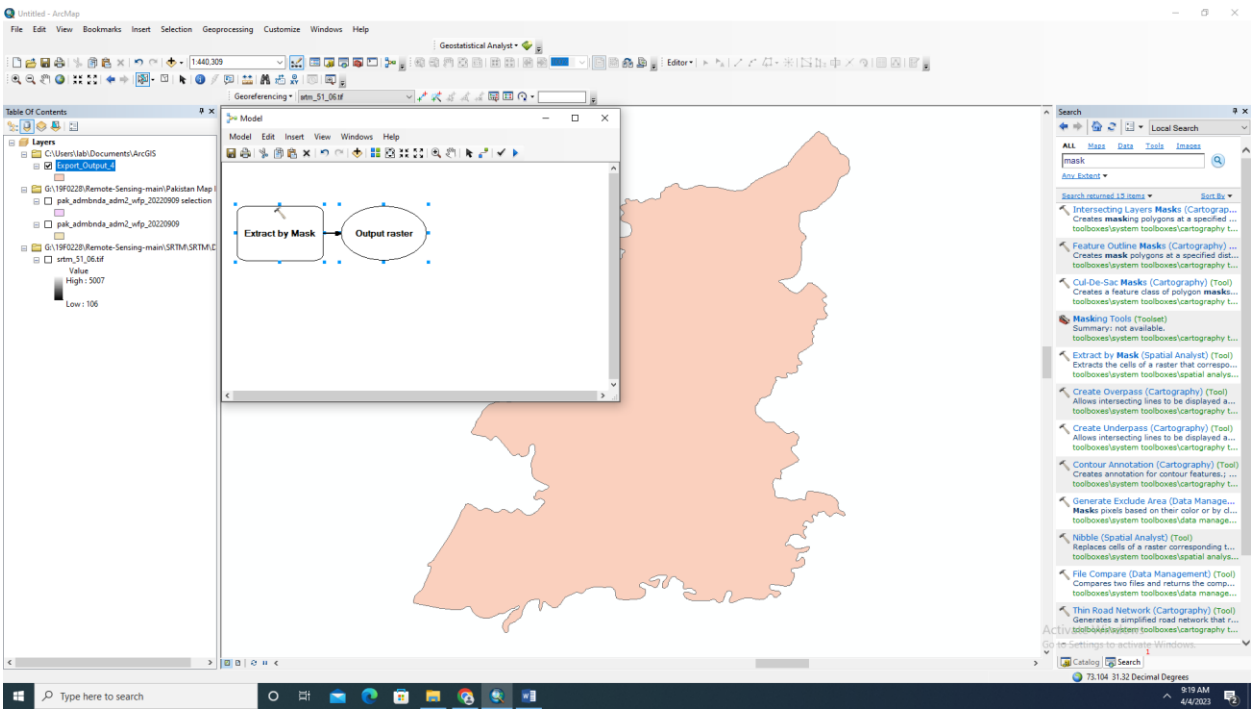
srtm_51_06.tif
Value
High : 5007
Low : 106
Model
Model Edit Insert View Windows Help
Search
Local Search
mask
Masking Tools (Toolset)
Extract by Mask (Spatial Analyst) (Tool)
Create Overpass (Cartography) (Tool)
Create Underpass (Cartography) (Tool)
Contour Annotation (Cartography) (Tool)
Nibble (Spatial Analyst) (Tool)
File Compare (Data Management) (Tool)
Thin Road Network (Cartography) (Tool)
Type here to search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File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help
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Layers
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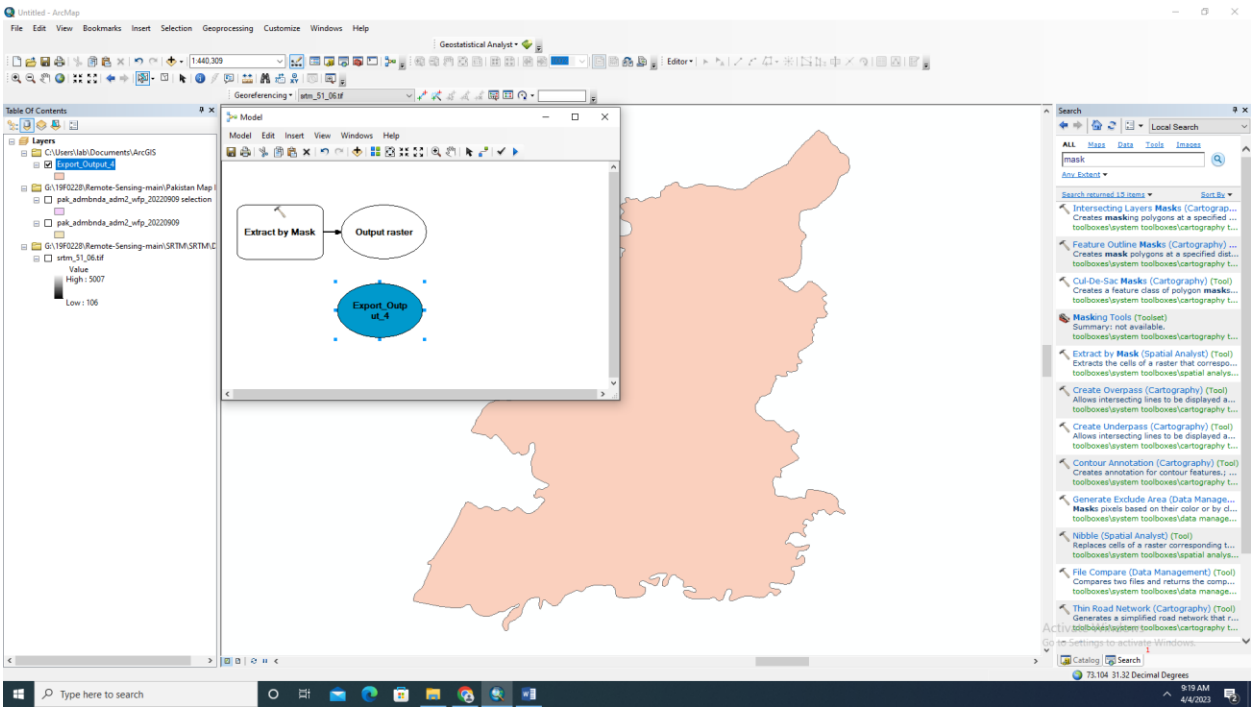
srtm_51_06.tif
Value
High : 5007
Low : 106
Model
Model Edit Insert View Windows Help
Extract by Mask
Output raster
Search
Local Search
mask
Masking Tools (Toolset)
Extract by Mask (Spatial Analyst) (Tool)
Create Overpass (Cartography) (Tool)
Create Underpass (Cartography) (Tool)
Contour Annotation (Cartography) (Tool)
Nibble (Spatial Analyst) (Tool)
File Compare (Data Management) (Tool)
Thin Road Network (Cartography) (Tool)
Type here to search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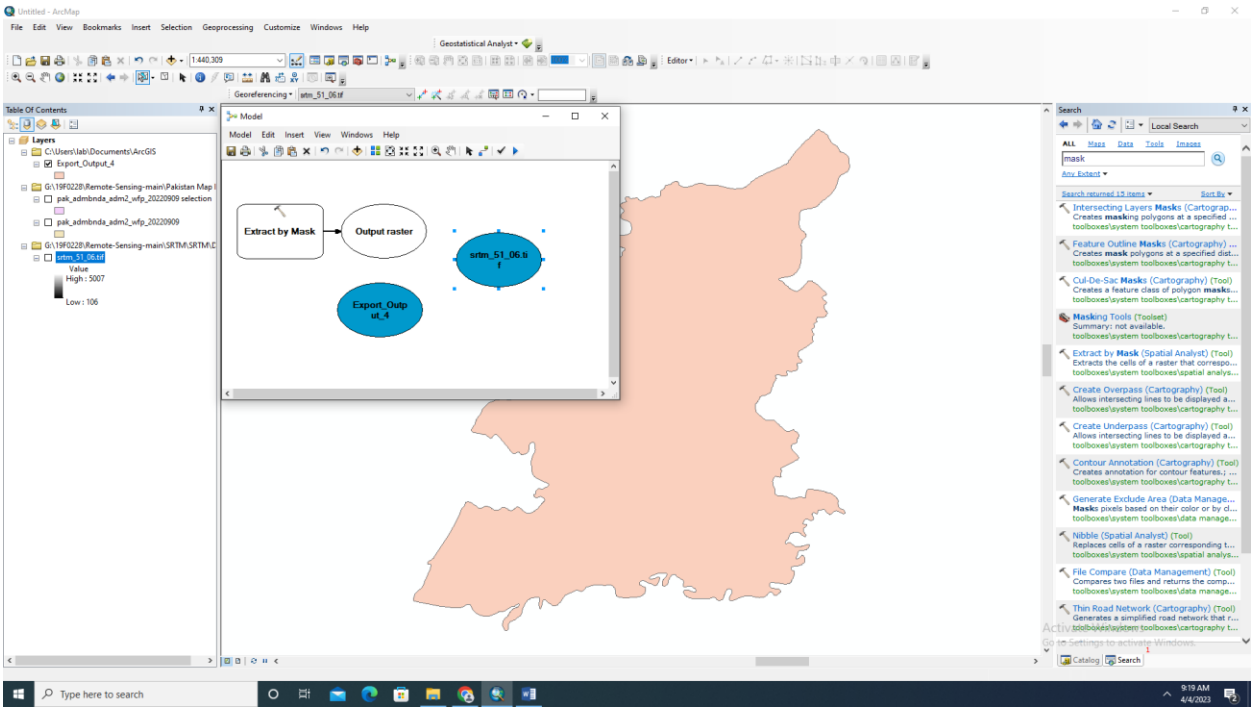
Extract by Mask
Output raster
Export_Output_4
Table Of Contents
Search
mask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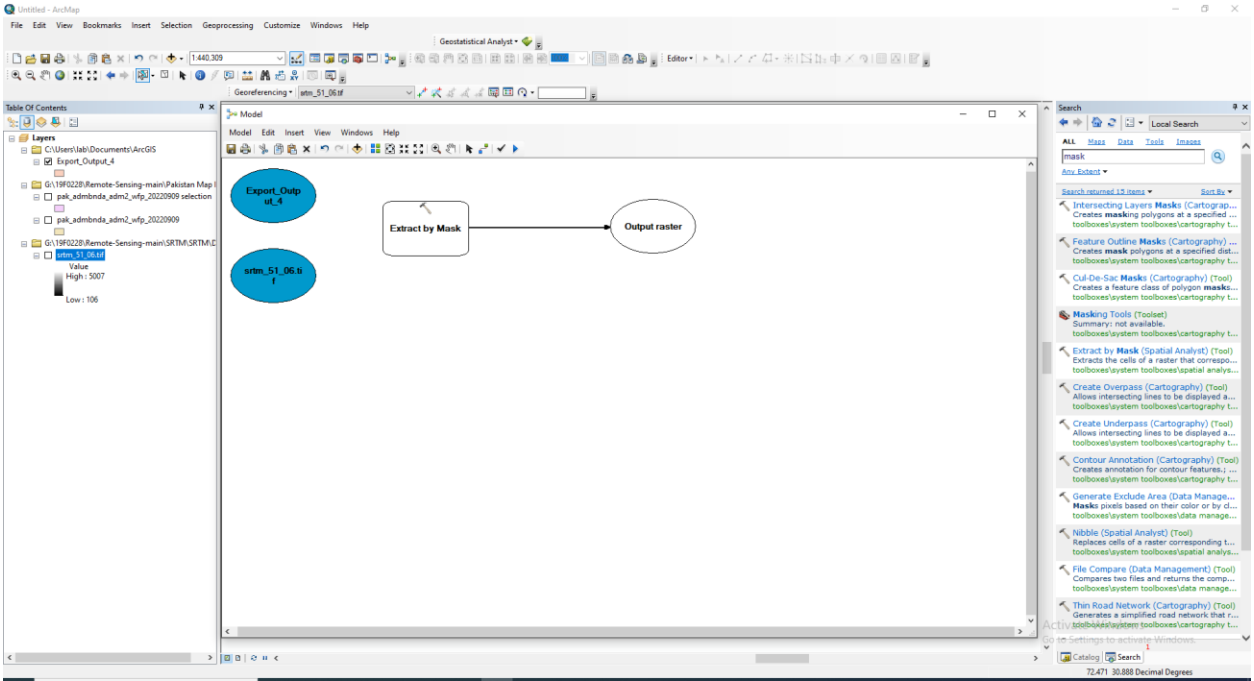
Search
mask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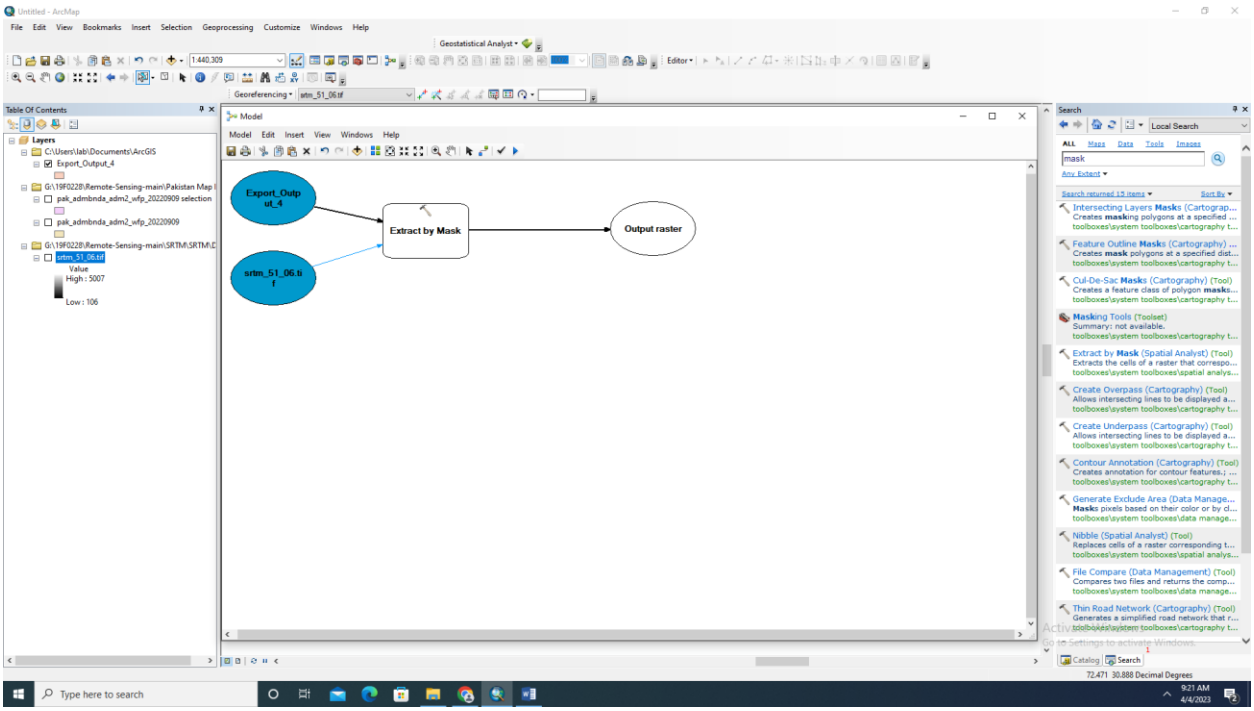
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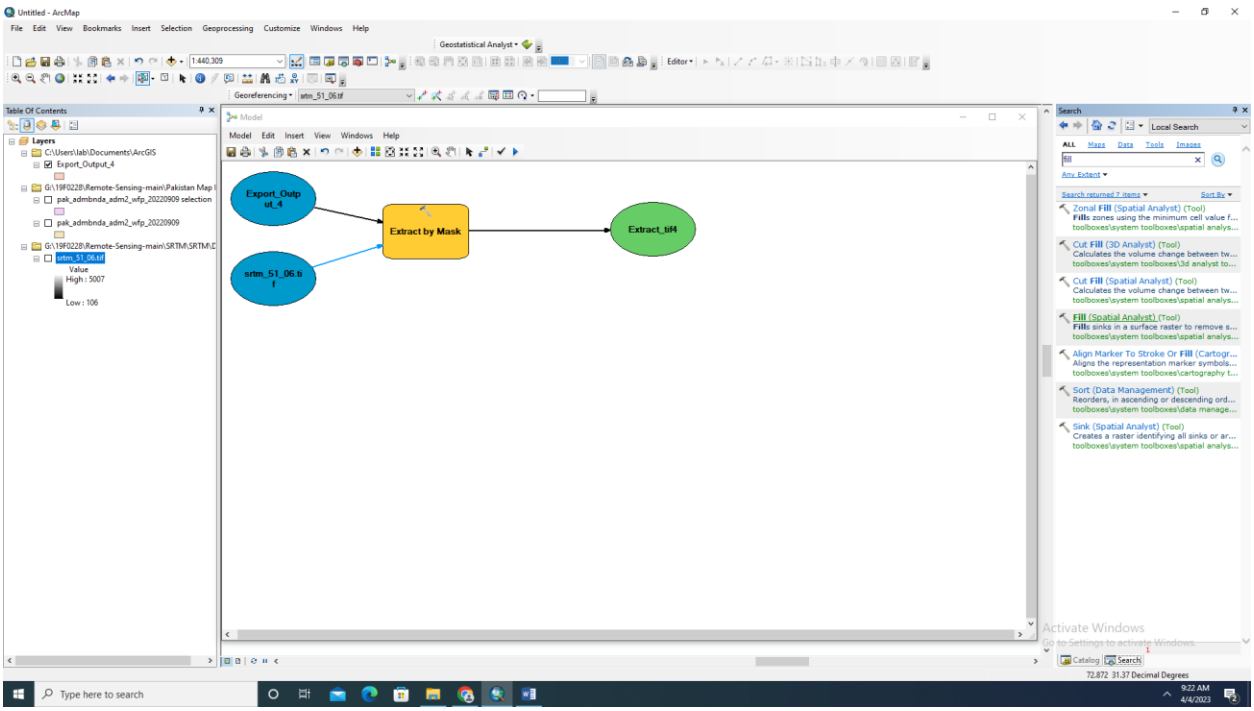
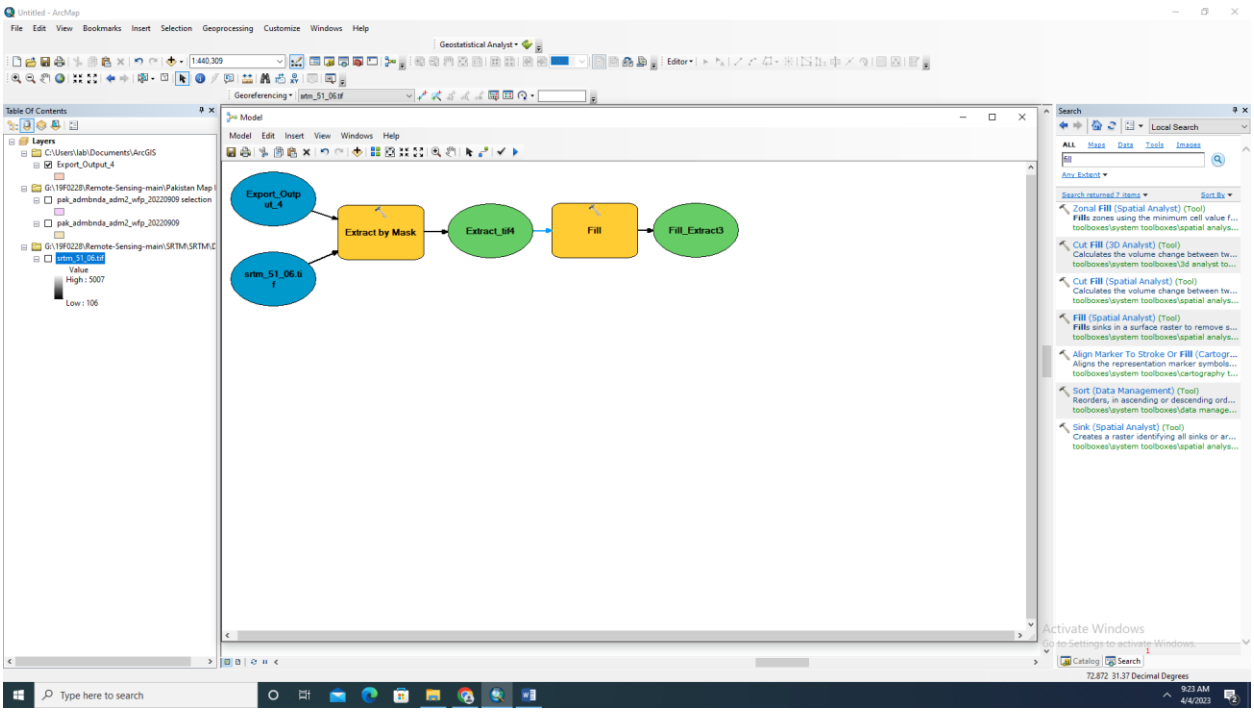


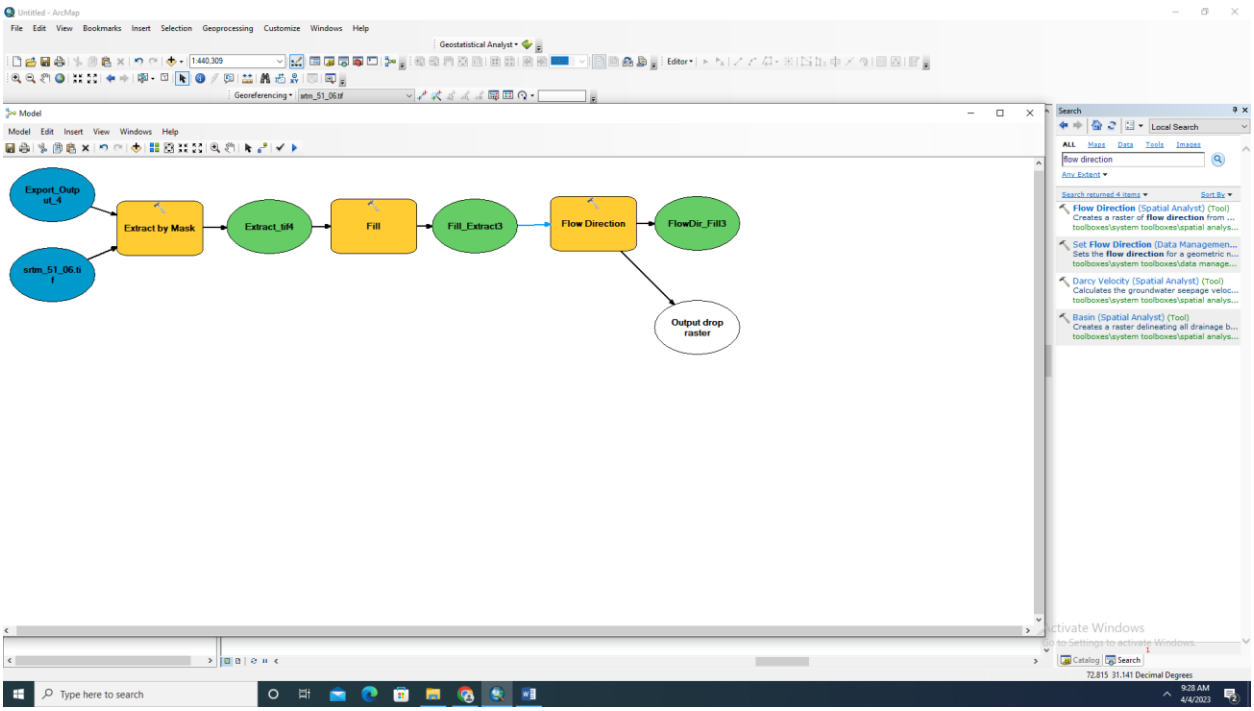
Step 6

Attaching fill



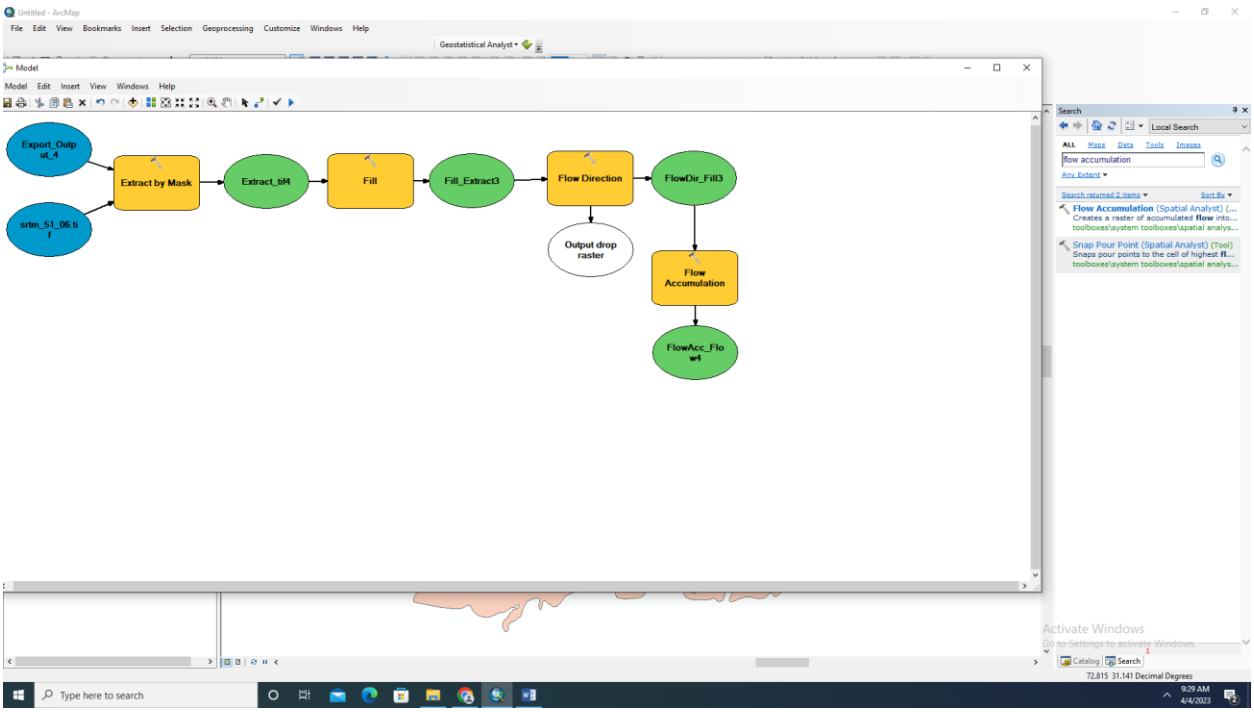
Step 6

Attaching Flow Direction

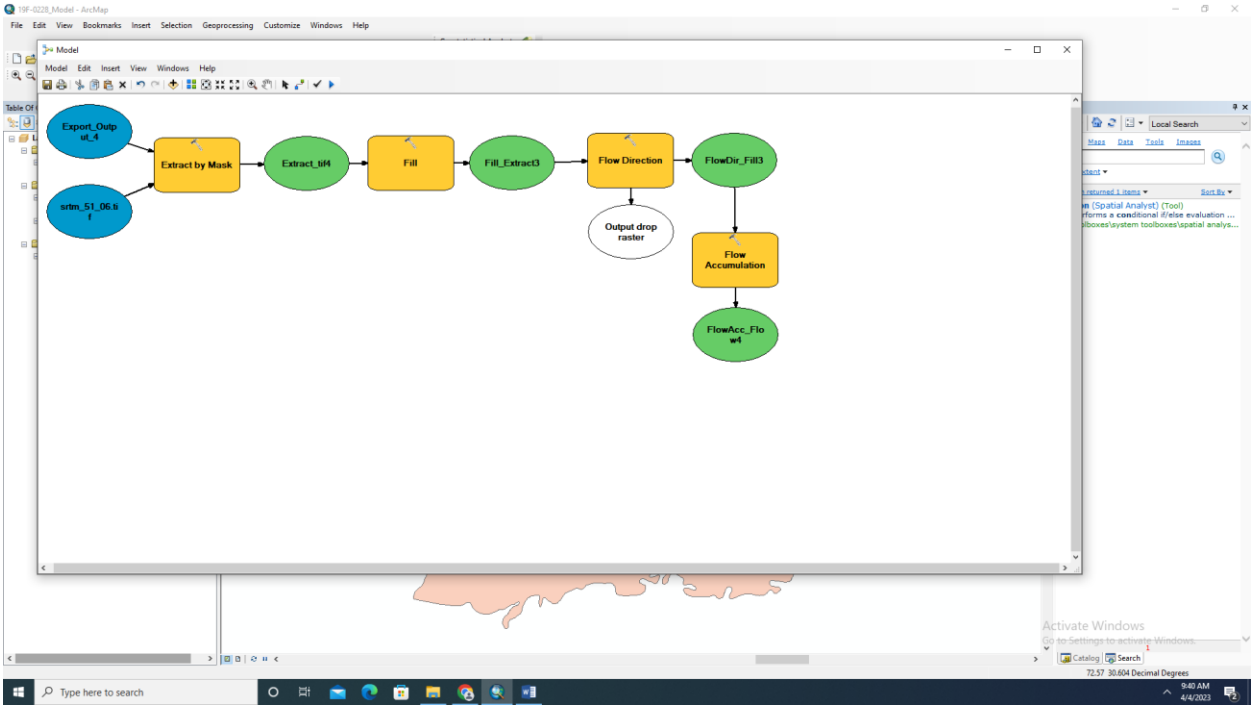


Step 8

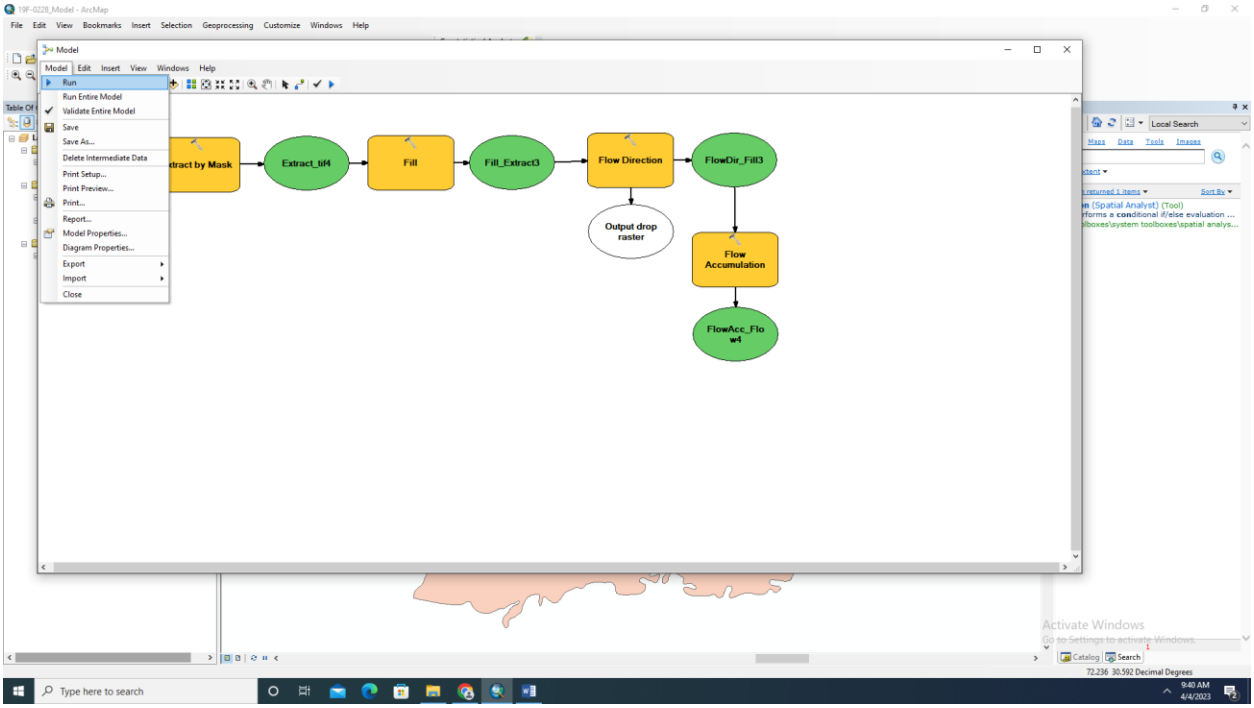
Attaching Flow Accumulation



Final Output



Testing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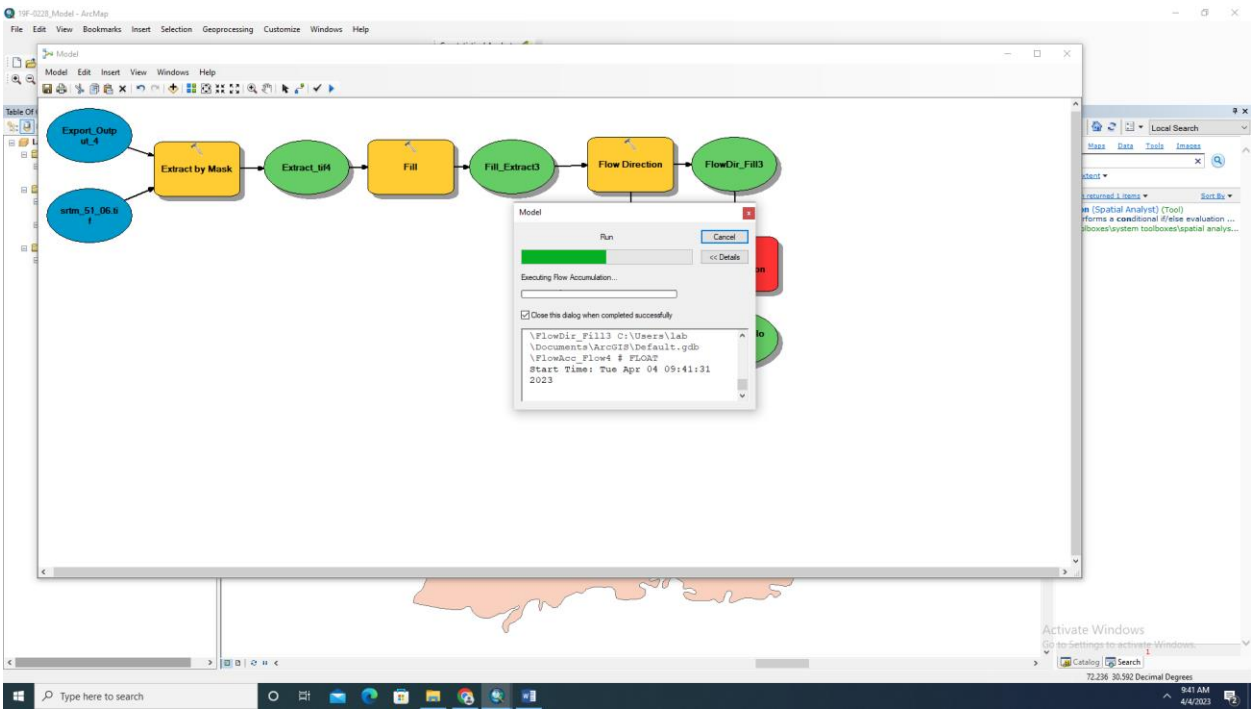
Run
Run Entire Model
Validate Entire Model
Save
Save As...
Delete Intermediate Data
Print Setup...
Print Preview...
Print...
Report...
Model Properties...
Diagram Properties...
Export
Import
Close
Extract by Mask
Extract_tif4
Fill
Fill_Extract3
Flow Direction
FlowDir_Fill3
Output drop raster
Flow Accumulation
FlowAcc_Flow4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Extract by Mask
Extract_tif4
Fill
Fill_Extract3
Flow Direction
FlowDir_Fill3
Model
Run
Cancel
<< Details
Executing Flow Accumulation...
Close this dialog when completed successfully
\FlowDir_Fill3 C:\Users\lab\Documents\ArcGIS\Default.gdb\FlowAcc_Flow4 # FLOAT
Start Time: Tue Apr 04 09:41:31 2023