The Island of St. Klement, Croatia

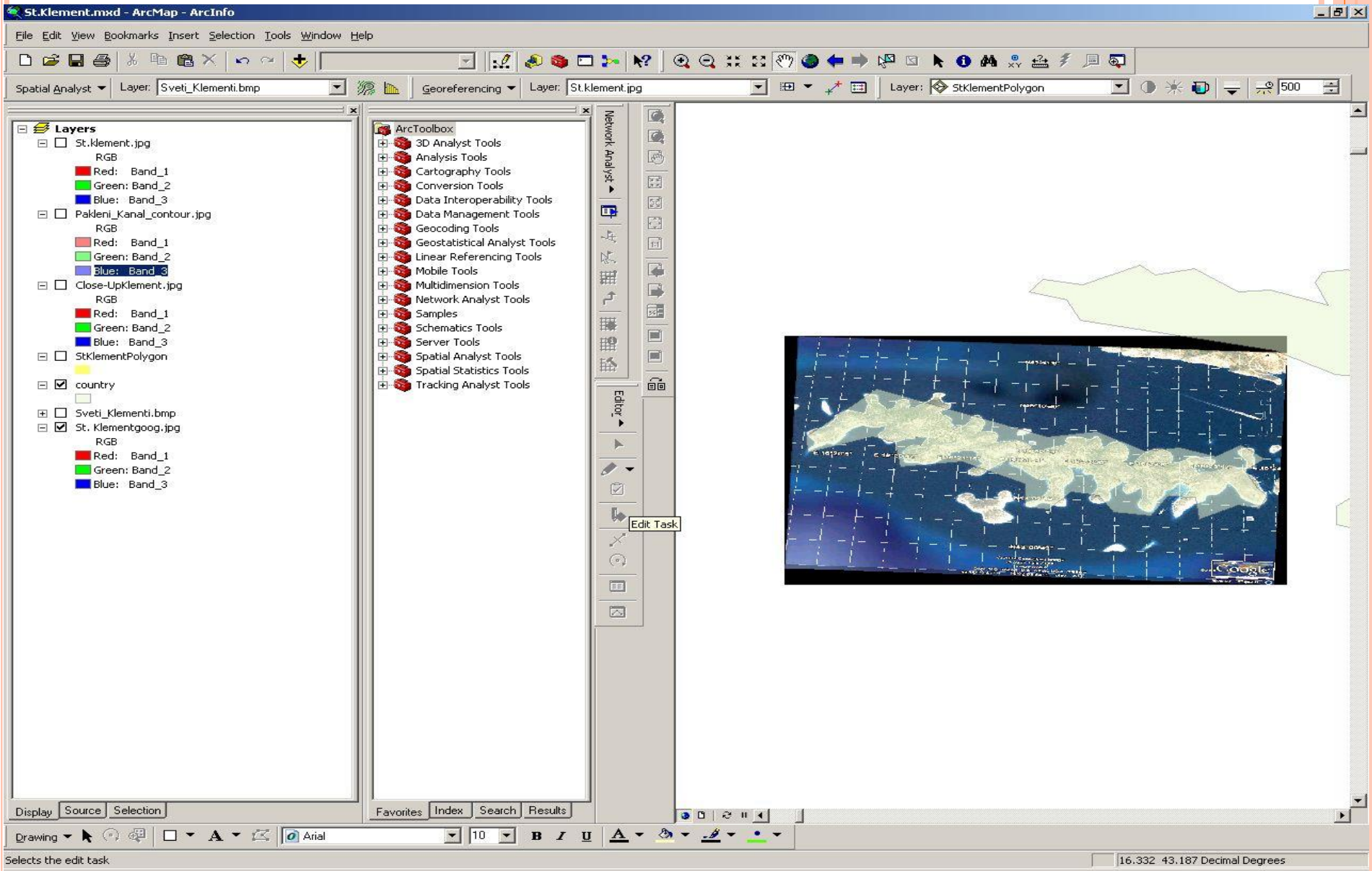
Purpose

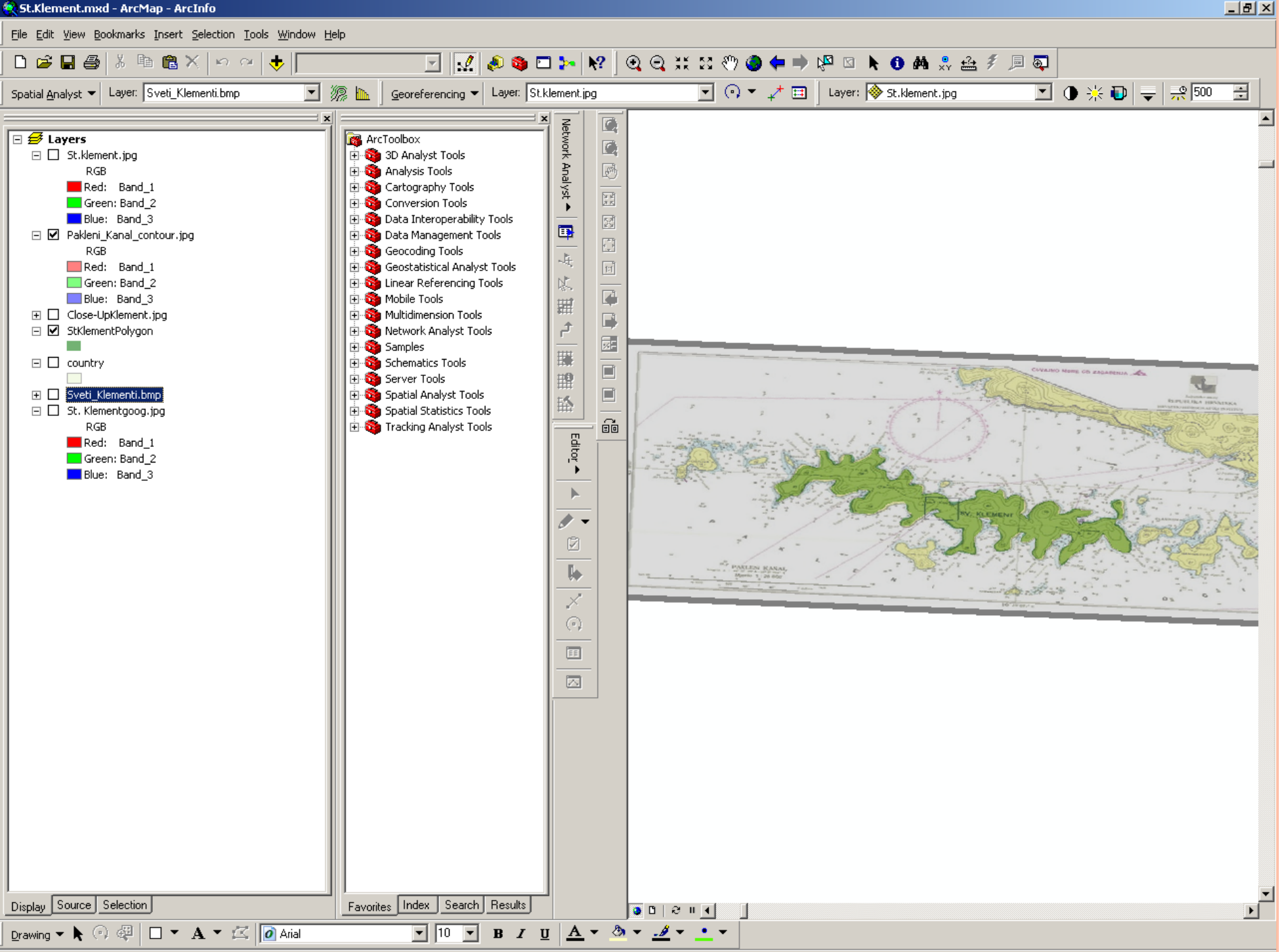
- Create a set of Maps for Dr. Vanca Schrunk which could be used for presentations, websites, or on site use.
- Maps should include broad scope of Island as well as concentration on Soline Bay.
- Not a large amount of data for the area

Data List

- ESRI CNTRY 92
- Google Earth
- Pakleni Kanal Contour Map
- Field Survey Map

WHAT HAS BEEN DONE?




St.Klement.mxd - ArcMap - ArcInfo
File Edit View Bookmarks Insert Selection Tools Window Help
Spatial Analyst
Layer: Sveti_Klementi.bmp
Georeferencing
Layer: St.klement.jpg
Layer: St.klement.jpg
500
Layers
St.klement.jpg
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Pakleni_Kanal_contour.jpg
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Close-UpKlement.jpg
StKlementPolygon
country
Sveti_Klementi.bmp
St. Klementgoog.jpg
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
Display
Source
Selection
ArcToolbox
3D Analyst Tools
Analysis Tools
Cartography Tools
Conversion Tools
Data Interoperability Tools
Data Management Tools
Geocoding Tools
Geostatistical Analyst Tools
Linear Referencing Tools
Mobile Tools
Multidimension Tools
Network Analyst Tools
Samples
Schematics Tools
Server Tools
Spatial Analyst Tools
Spatial Statistics Tools
Tracking Analyst Tools
Favorites
Index
Search
Results
Network Analyst
Editor
Drawing
Arial
10
16.376 43.154 Decimal Degrees

St.Klement.mxd - ArcMap - ArcInfo

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Layers

- St.klement.jpg
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  - Red: Band_1
  - Green: Band_2
  - Blue: Band_3
- Pakleni_Kanal_contour.jpg
  - RGB
  - Red: Band_1
  - Green: Band_2
  - Blue: Band_3
- Close-UpKlement.jpg
  - RGB
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  - Blue: Band_3
- StKlementPolygon
- country
- Sveti_Klementi.bmp
- St. Klementgoog.jpg
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  - Red: Band_1
  - Green: Band_2
  - Blue: Band_3

Display | Source | Selection

ArcToolbox

- 3D Analyst Tools
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- Mobile Tools
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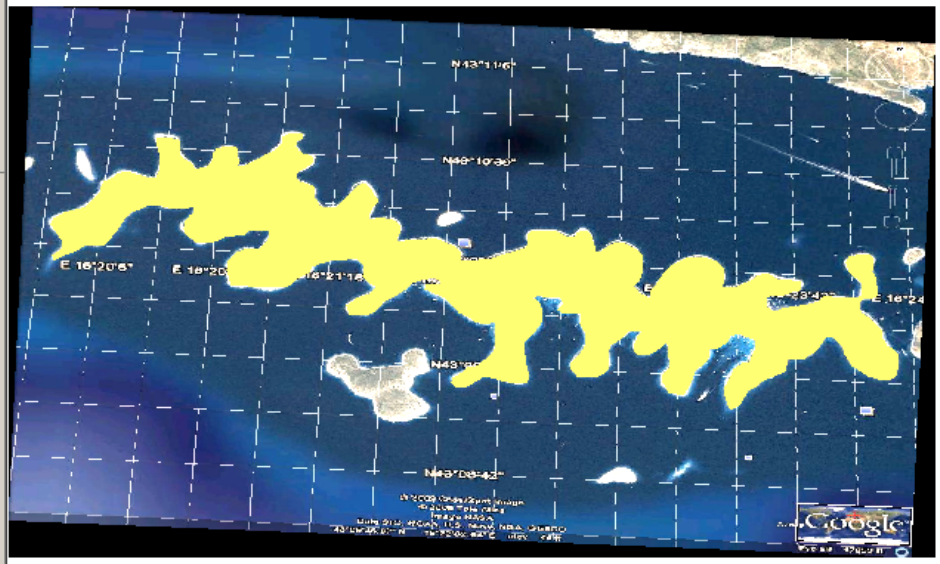
- Samples
- Schematics Tools
- Server Tools
- Spatial Analyst Tools
- Spatial Statistics Tools
- Tracking Analyst Tools

Favorites | Index | Search | Results

Network Analyst | Editor



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St.Klement.mxd - ArcMap - ArcInfo

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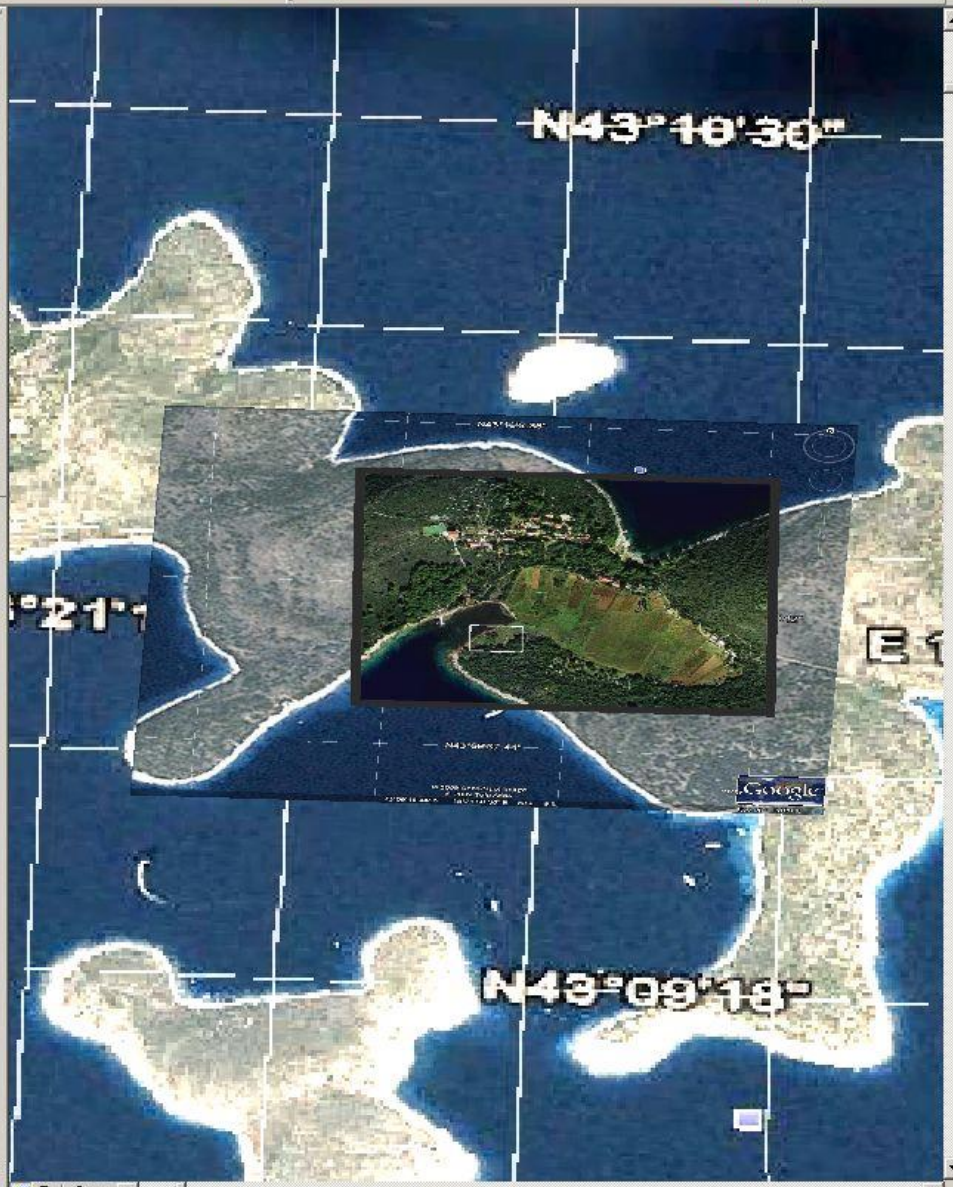
Network Analyst | Editor



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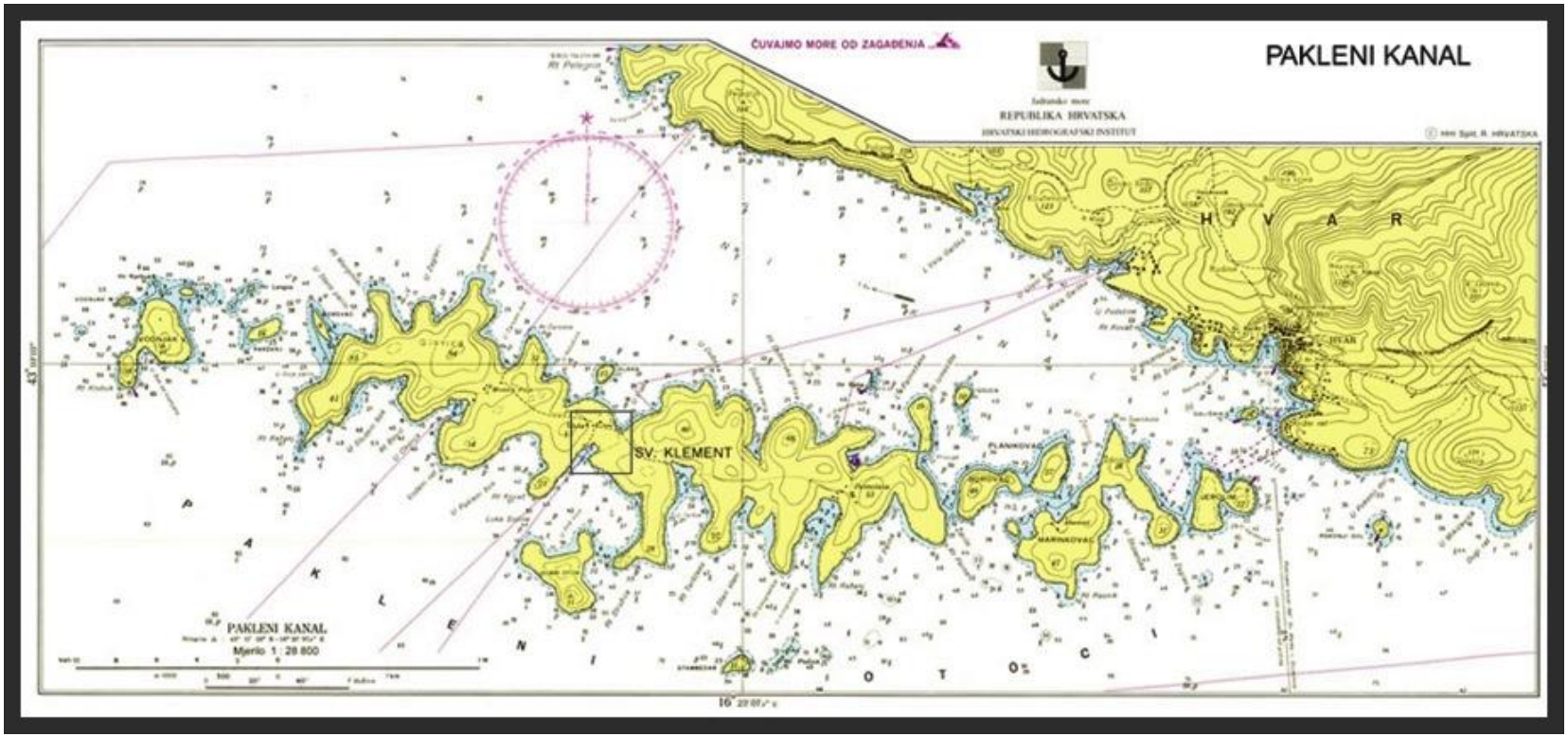
16.363 43.167 Decimal Degrees

What's Next?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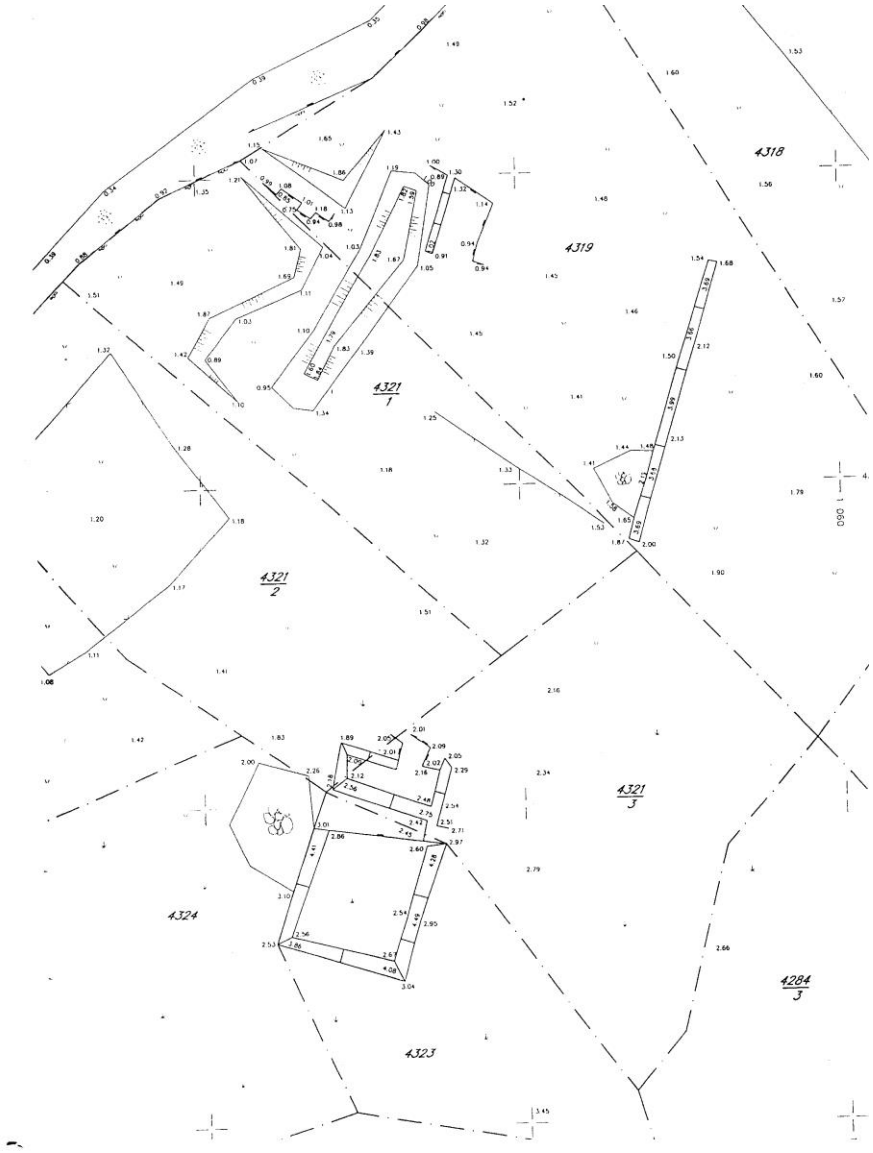
4318
4319
4321/1
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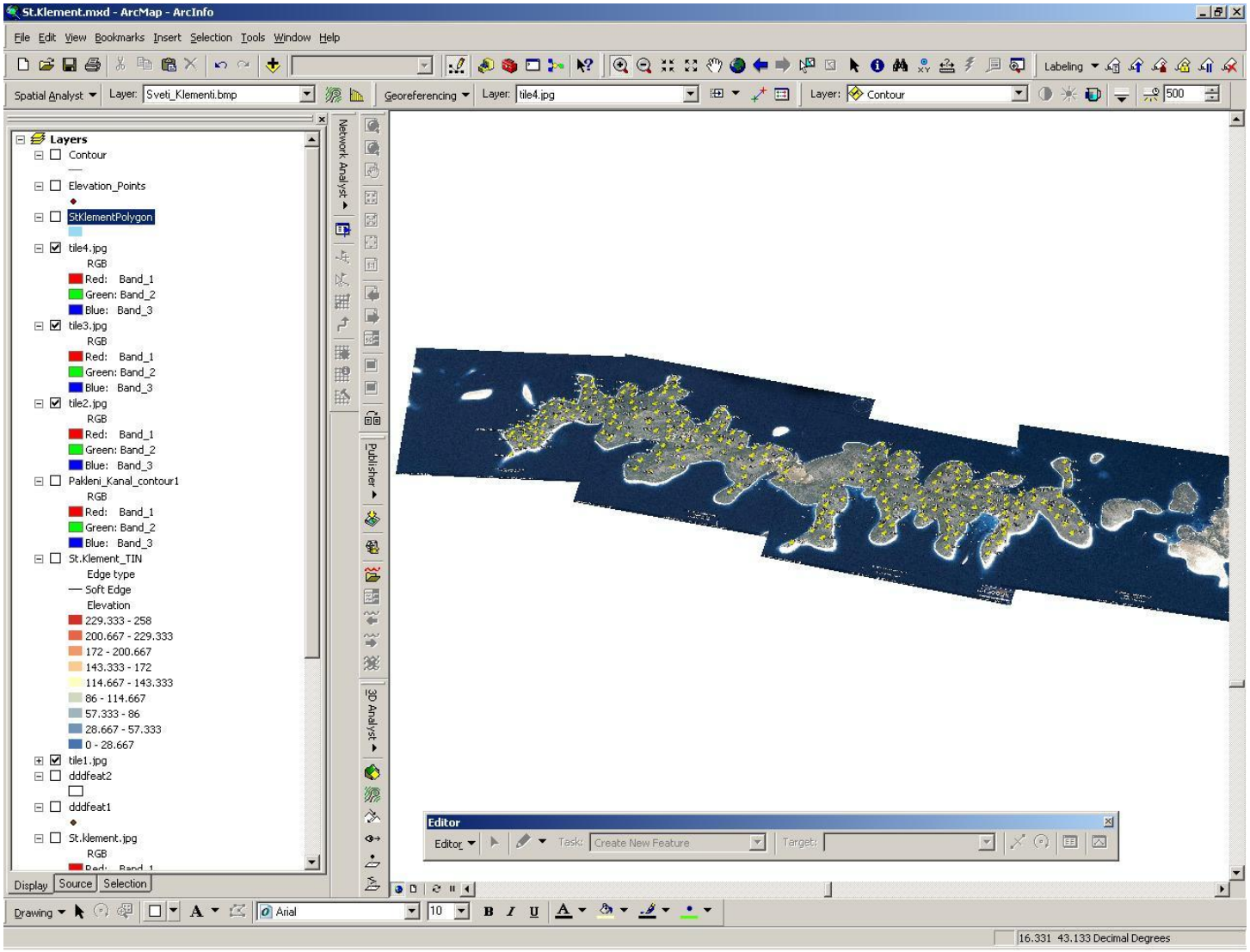
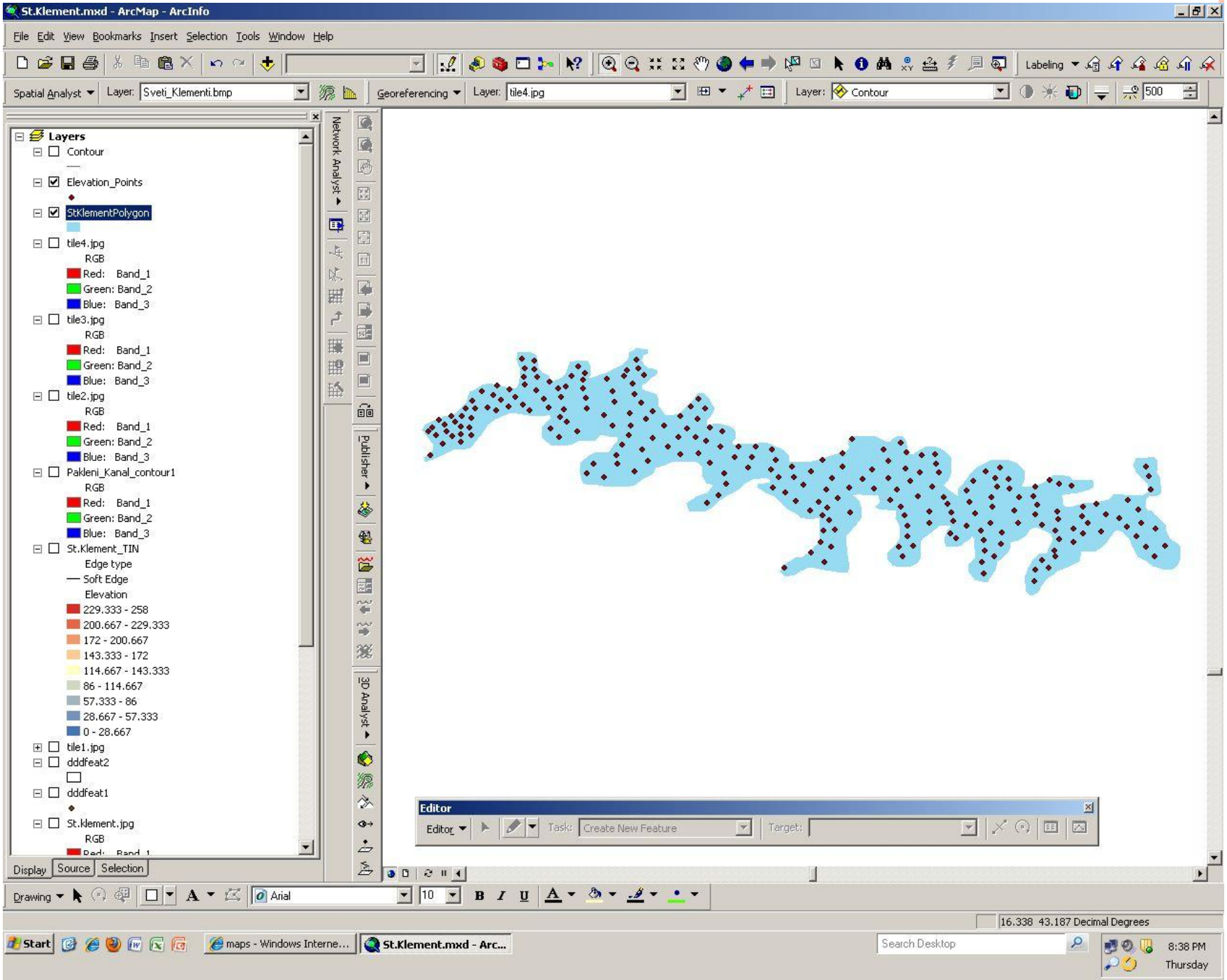
4324
4323
4284/3

N43°11'6"
N43°10'30"
N43°09'54"
N43°09'18"
N43°08'42"
E 16°20'6"
E 16°20'42"
E 16°21'18"
E 16°21'54"
E 16°22'30"
E 16°23'6"
E 16°23'42"
© 2009 Cnes/Spot Image
© 2009 Tele Atlas
Image NASA
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
43°09'46.87" N 16°22'02.64" E elev 44 ft
©2009 Google
Eye alt 17852 ft

Elevation Data Collection Process

Georeferencing Tiles

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Georeferencing
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Layer: Contour
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Layers
Contour
Elevation_Points
StKlementPolygon
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Red: Band_1
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Blue: Band_3
tile3.jpg
RGB
Red: Band_1
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tile2.jpg
RGB
Red: Band_1
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Blue: Band_3
Pakleni_Kanal_contour1
RGB
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Green: Band_2
Blue: Band_3
St.Klement_TIN
Edge type
Soft Edge
Elevation
229.333 - 258
200.667 - 229.333
172 - 200.667
143.333 - 172
114.667 - 143.333
86 - 114.667
57.333 - 86
28.667 - 57.333
0 - 28.667
tile1.jpg
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dddfeat1
St.klement.jpg
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Publisher
3D Analyst
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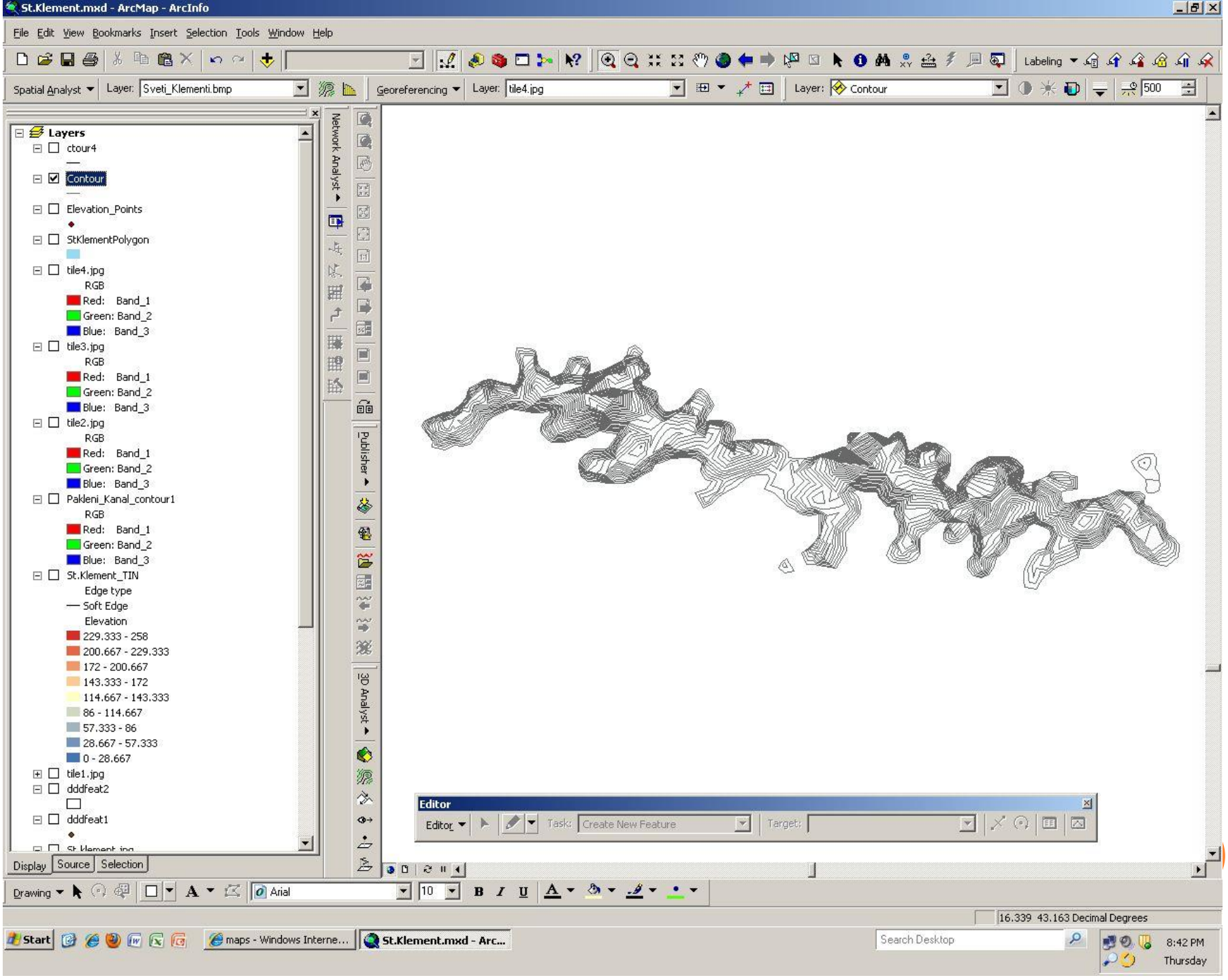
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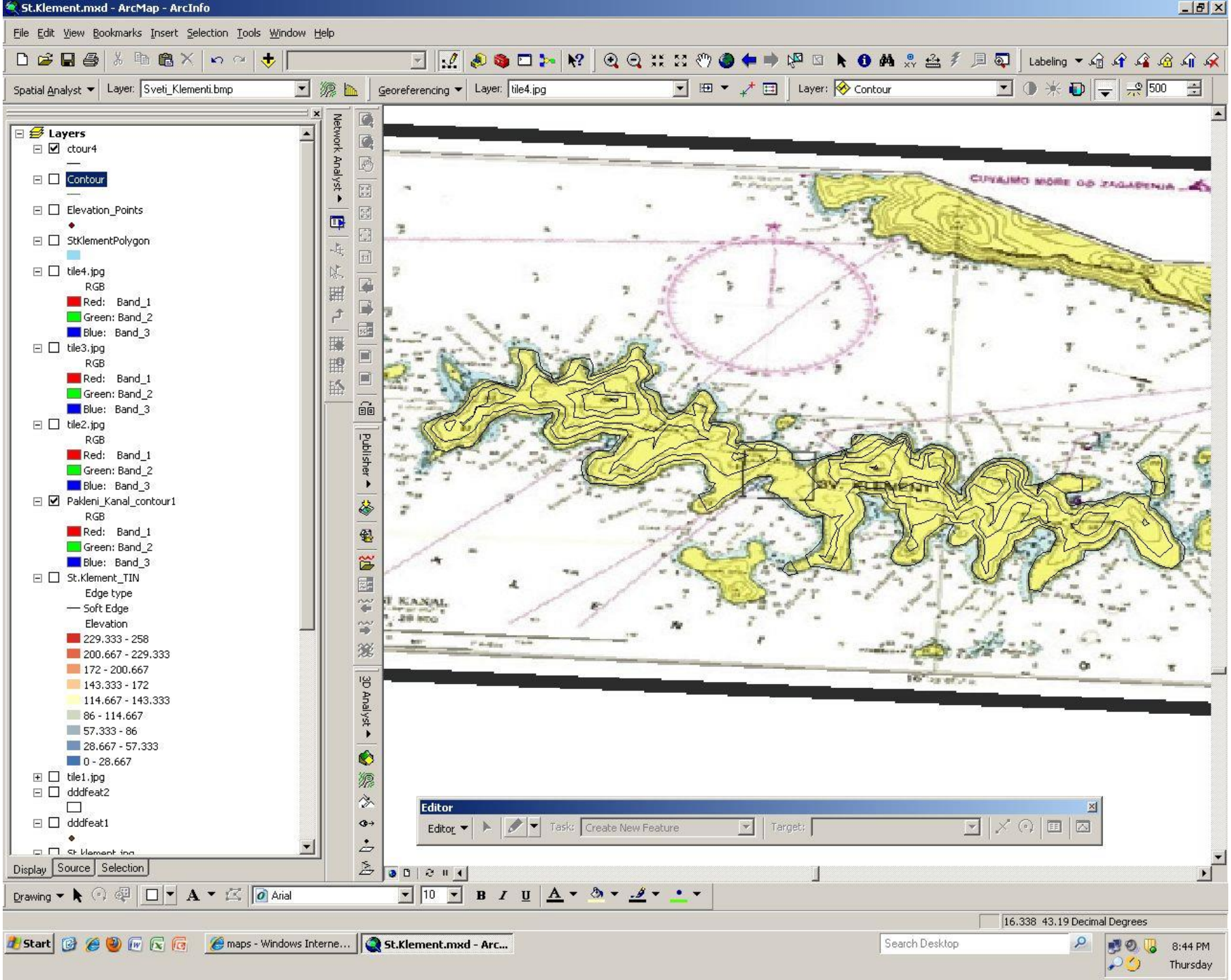
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114.667 - 143.333
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28.667 - 57.333
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tile1.jpg
dddfeat2
dddfeat1
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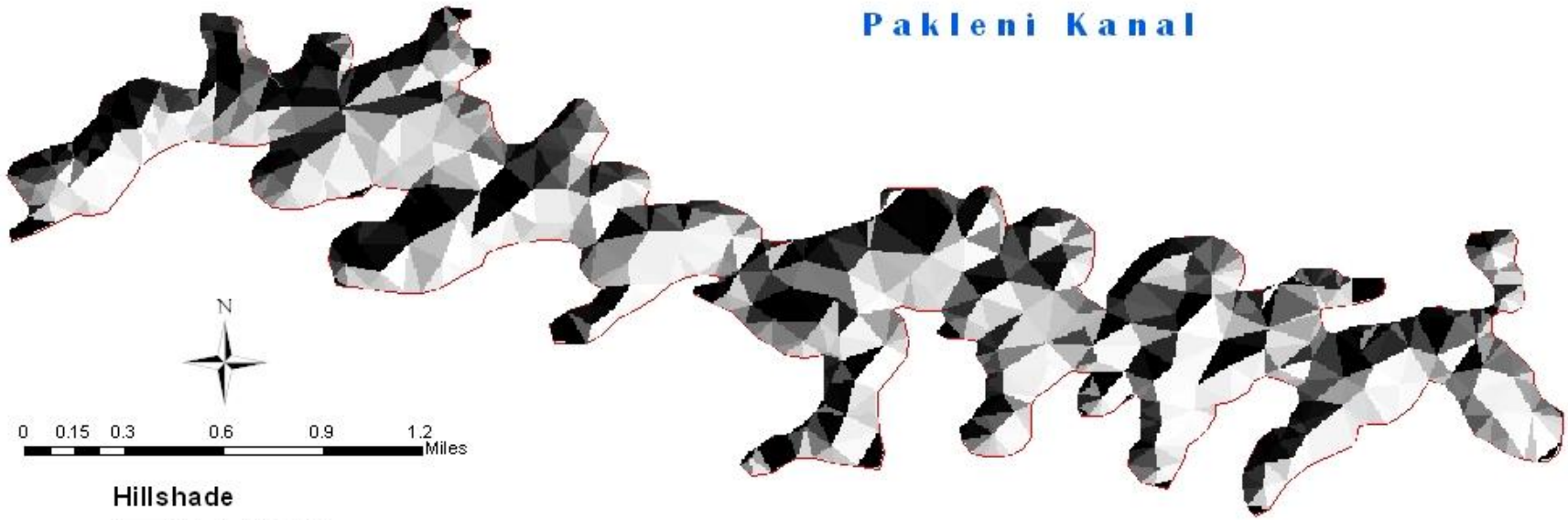
Hillshade of the Island of St. Klement



Hillshade

High : 217.658

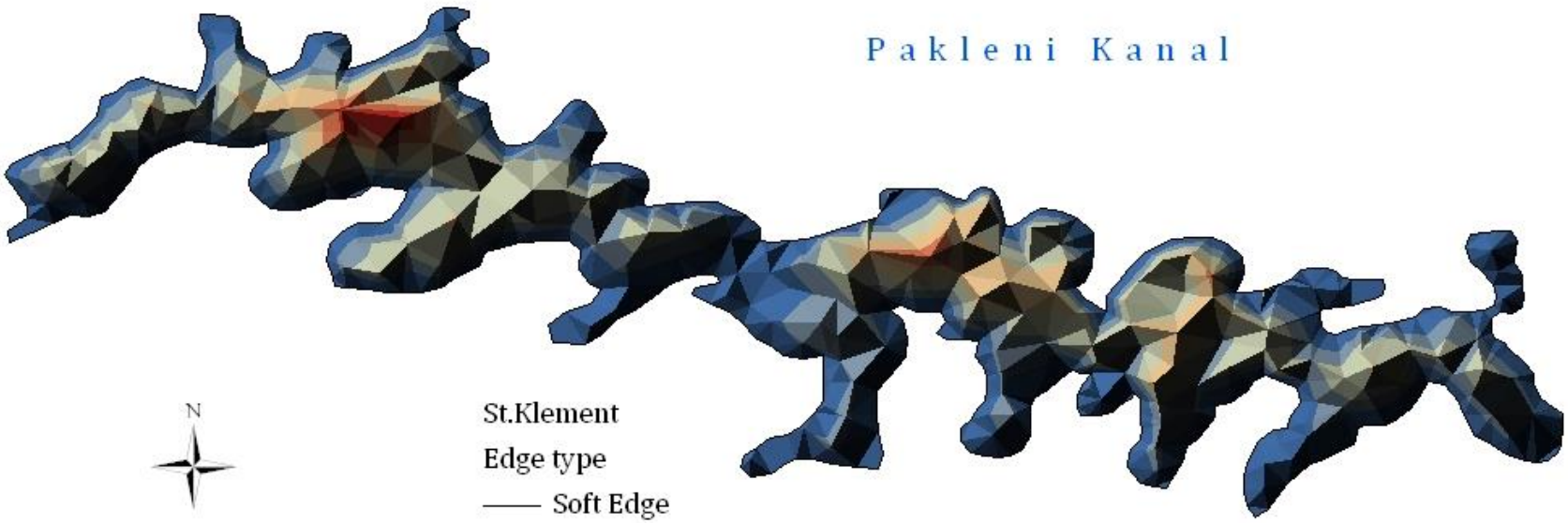
Low : 37.3444

Matthew Weishan
Geog 421
12/10/09
WGS 1984

Data Sources:
ESRI and Google Earth

University of St Thomas
Geography Department

TIN of the Island of St. Klement



N

0 0.15 0.3 0.6 0.9 1.2 Miles

St.Klement

Edge type

—— Soft Edge

Elevation

- 215 - 258
- 172 - 215
- 125.837 - 172
- 82.889 - 125.837
- 48.151 - 82.889
- 0 - 48.151

Matthew Weishan
Geog 421
12/10/09
WGS 1984

Data Sources:
ESRI and Google Earth

UNIVERSITY OF ST. THOMAS
Geography Department