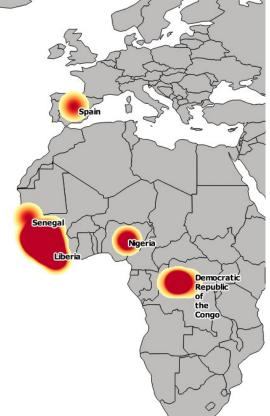
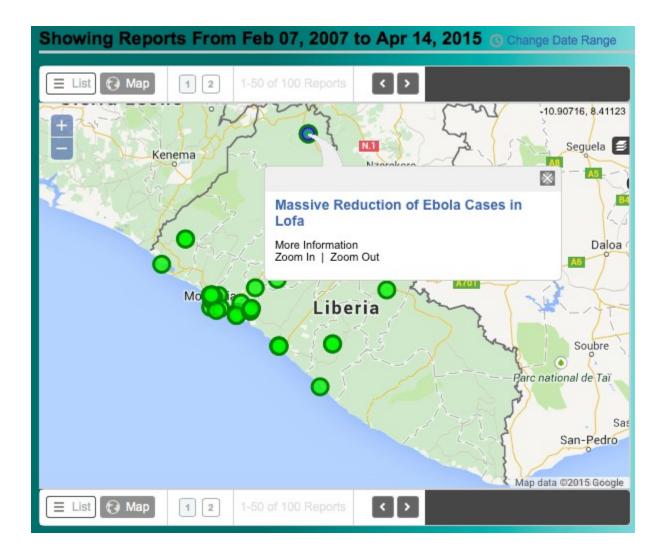
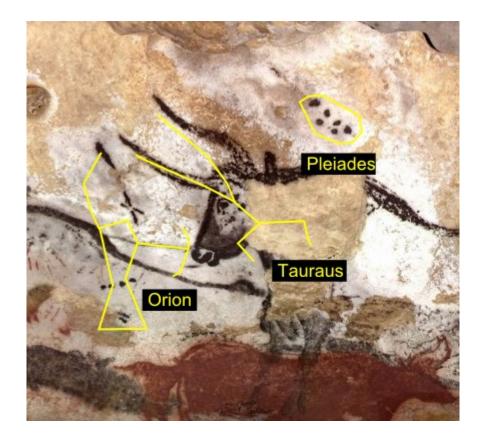


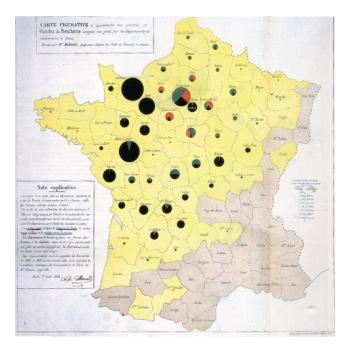
Chapter 1: Learning Geospatial Analysis with Python



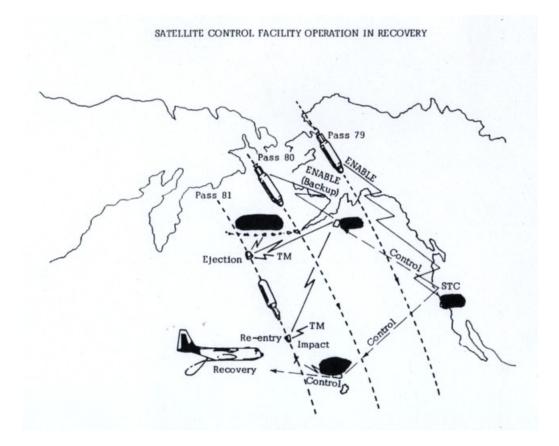


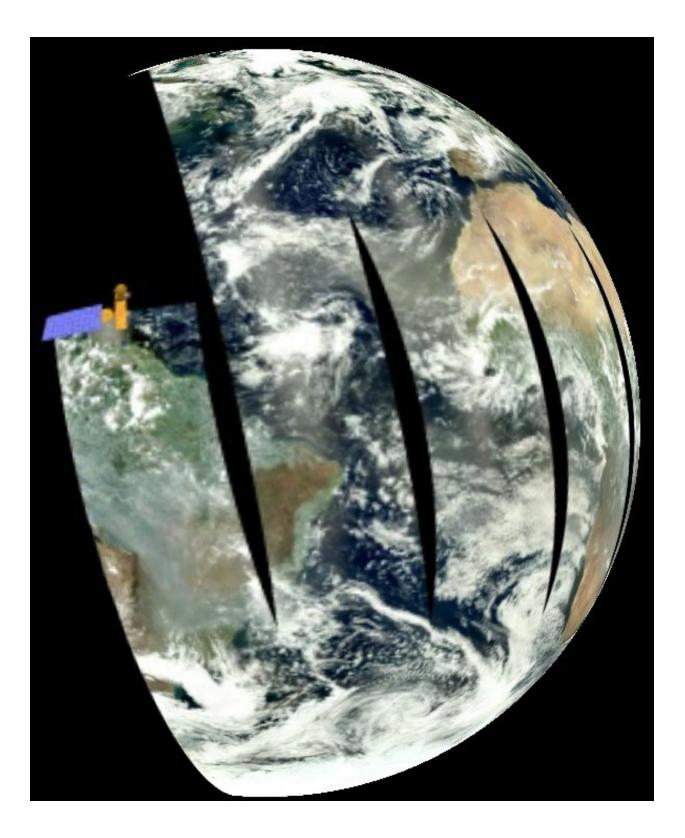


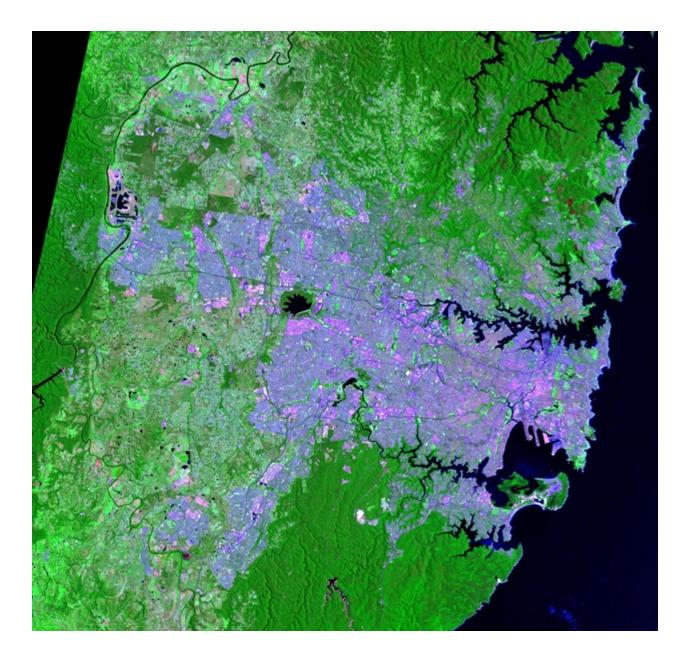




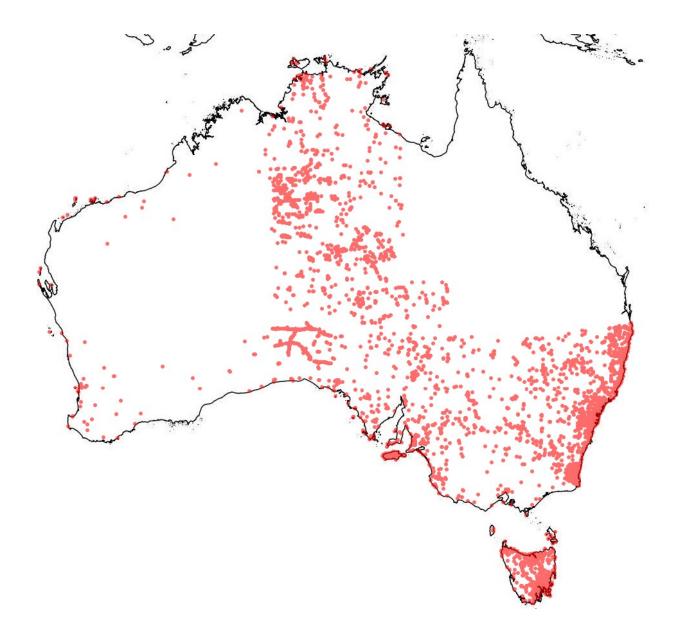


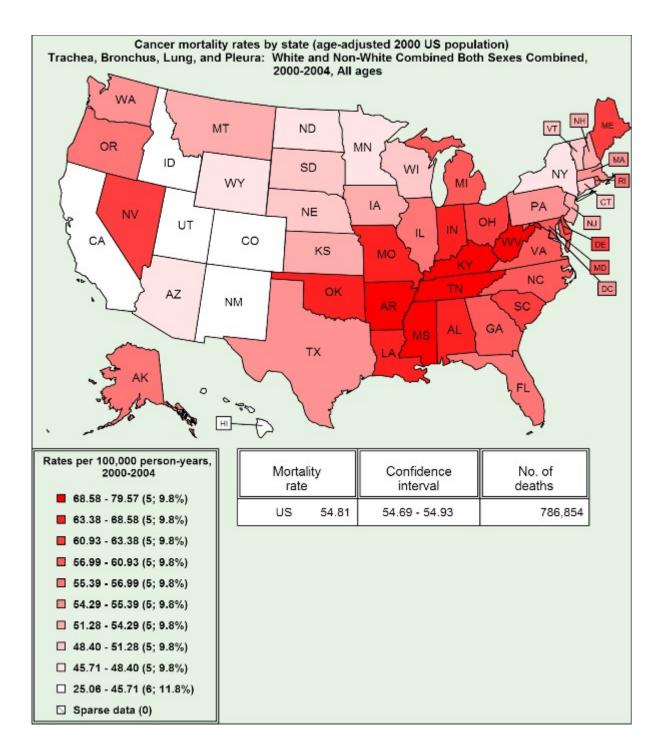


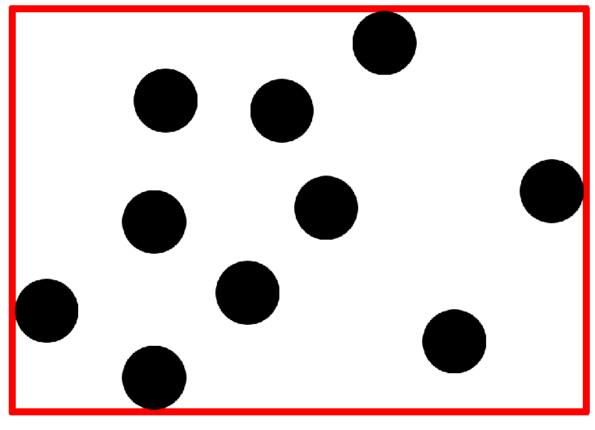




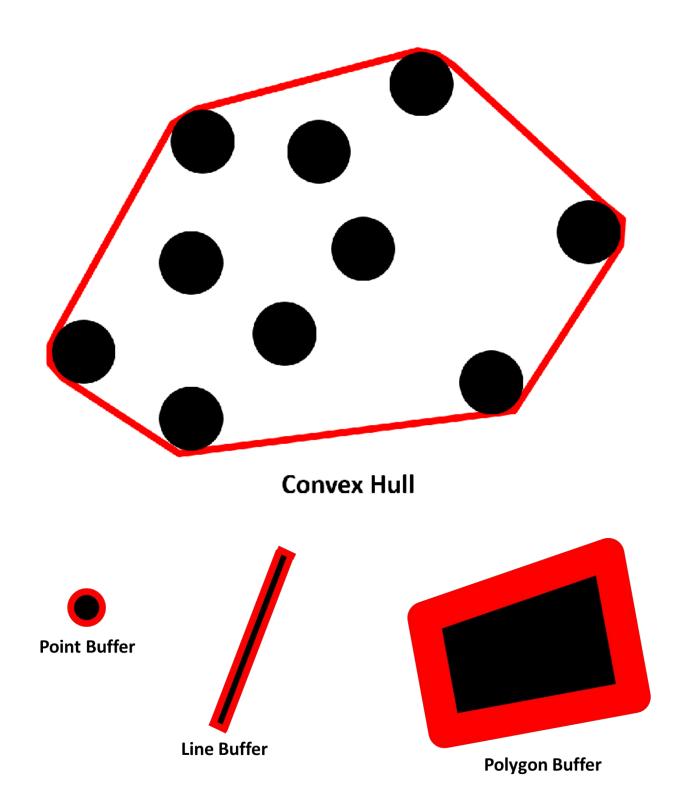


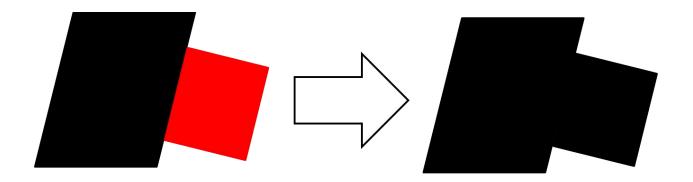




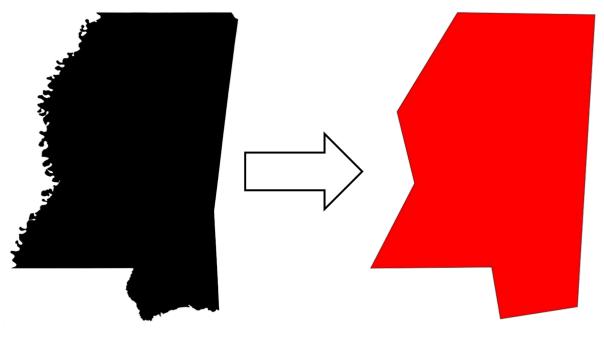


Bounding Box

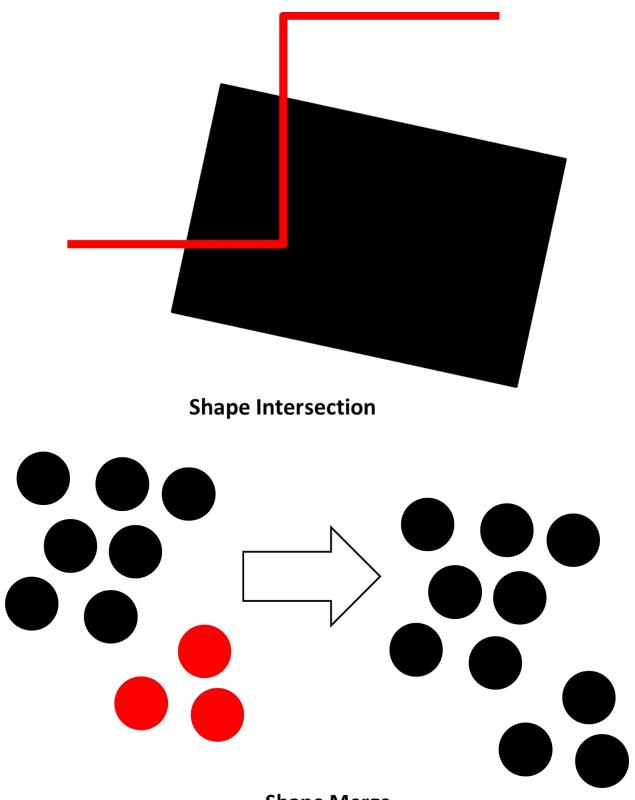




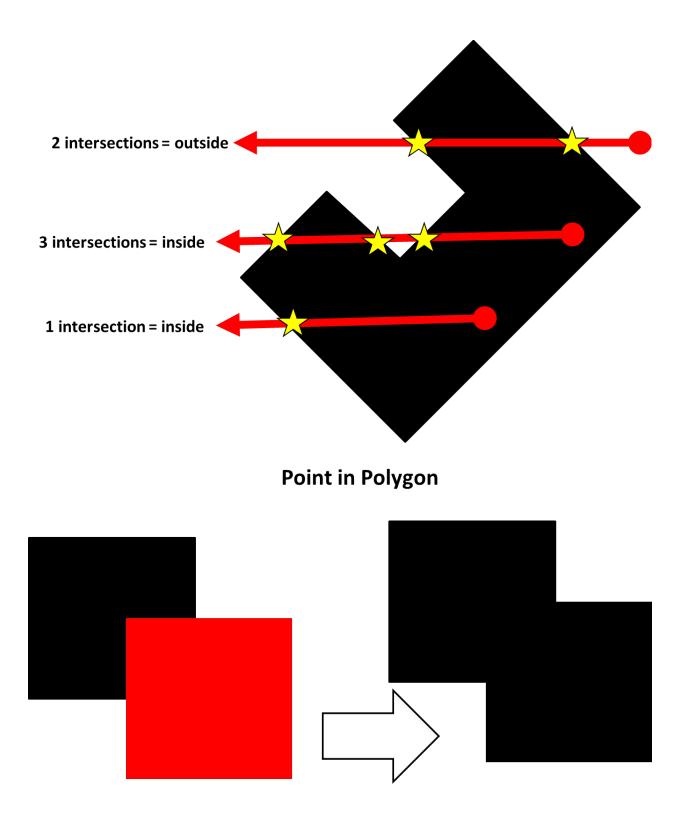
Polygon Dissolve



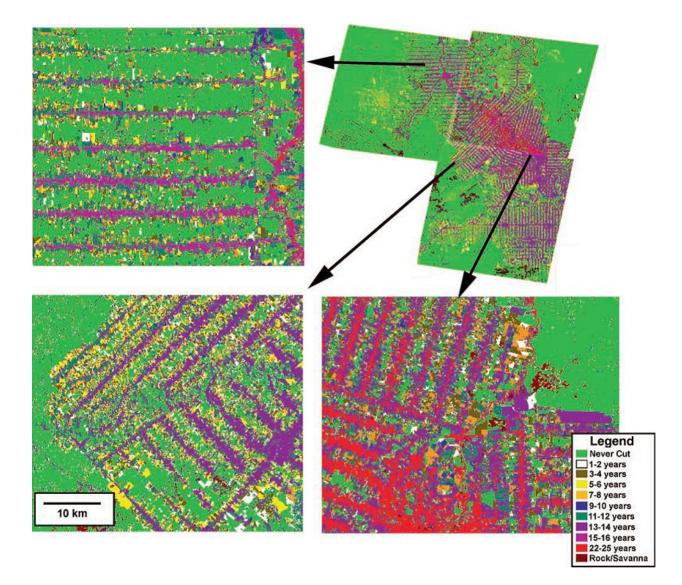
Polygon Generalization

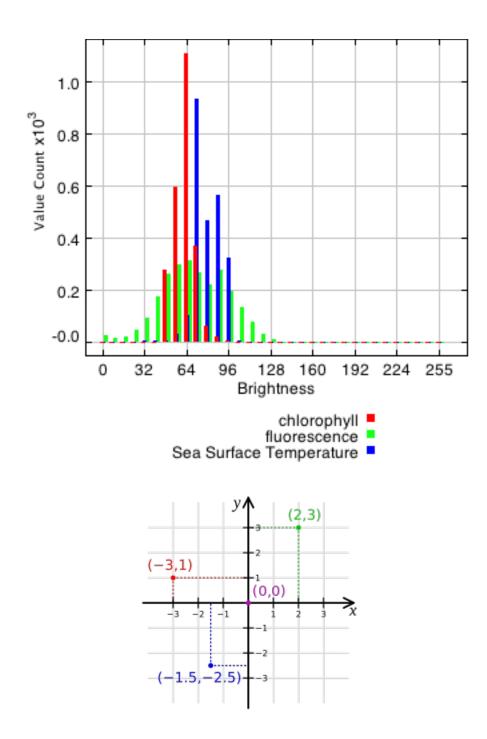


Shape Merge



Polygon Union

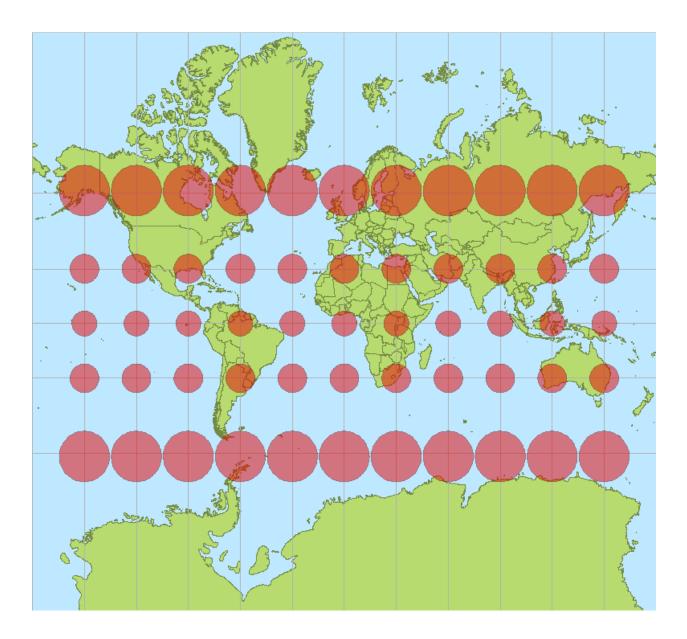


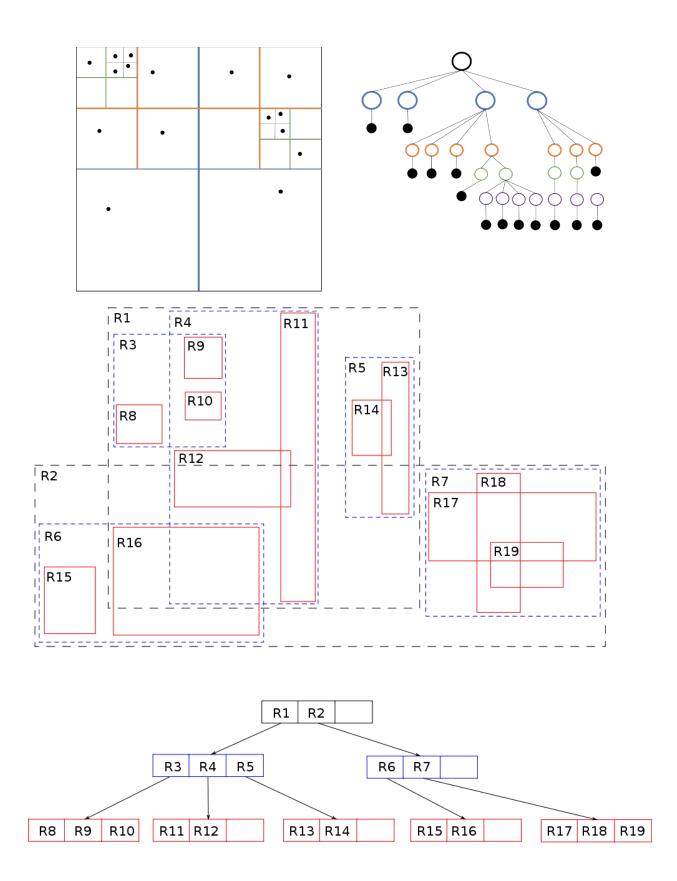


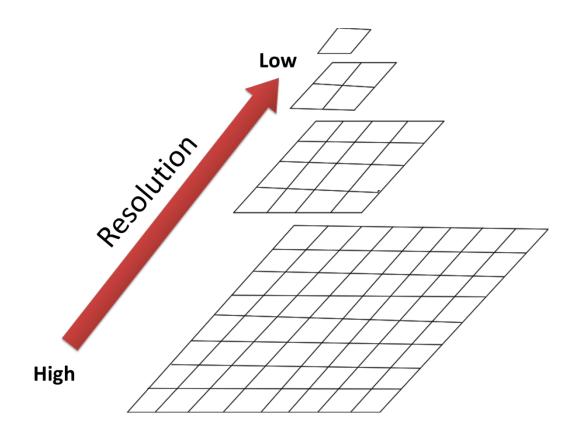
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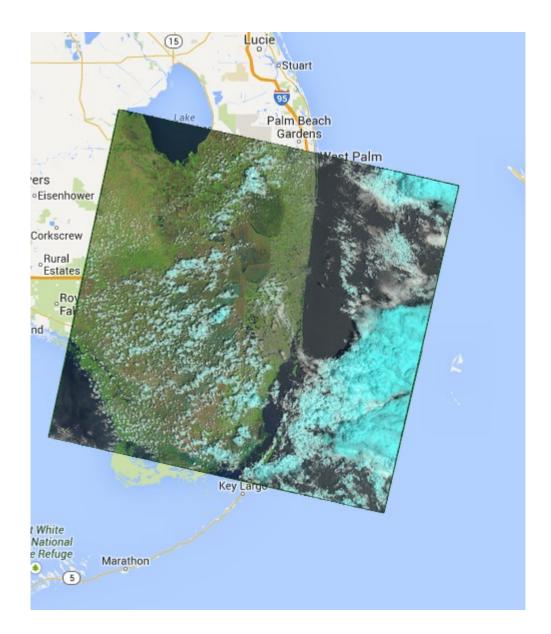
| 7⁄4 Python Turtle Graphics | |
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| BOULDER, Pop.: 98889 | |
| DENVER, Pop.: 634265 | |
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| COLORADO | |
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| | |
| DURANGO, Pop.: 17069 | |
| | |
| The biggest city is: DENVER | |
| The western-most city is: DURANGO | |
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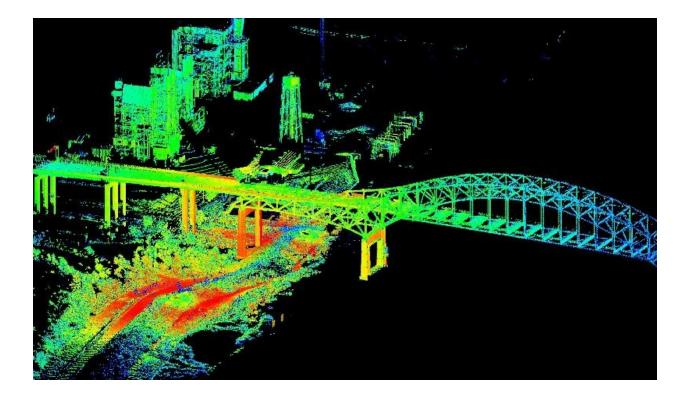
Chapter 2: Geospatial Data

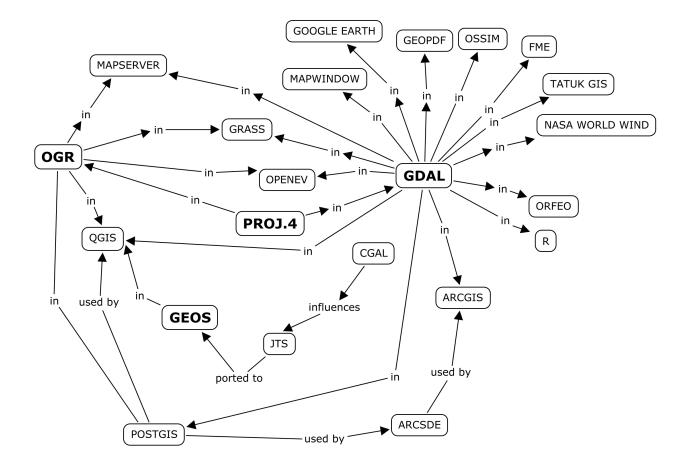




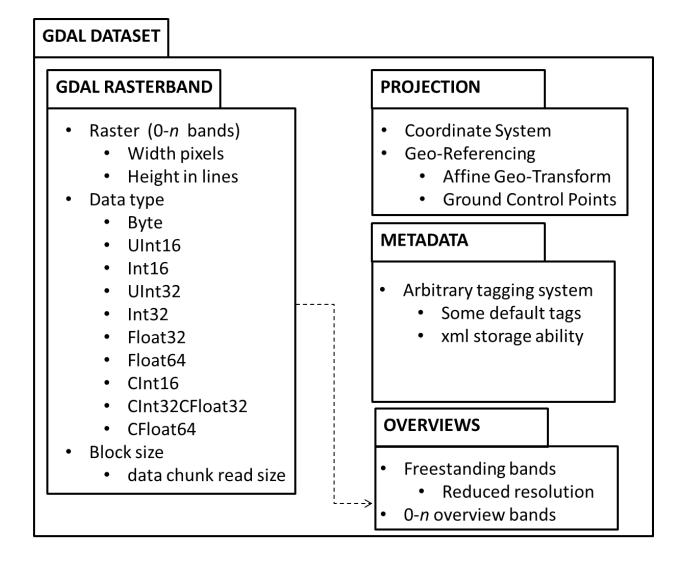


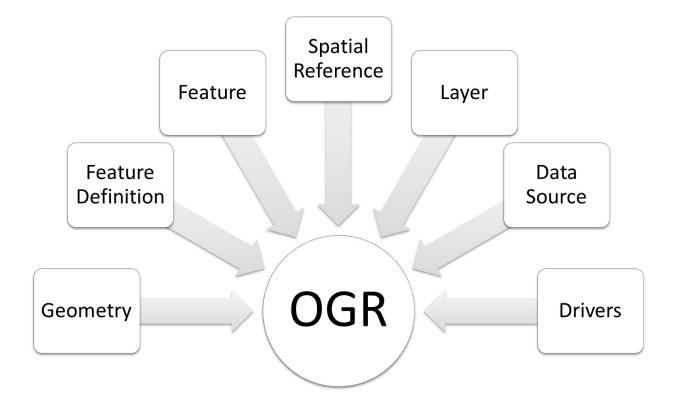


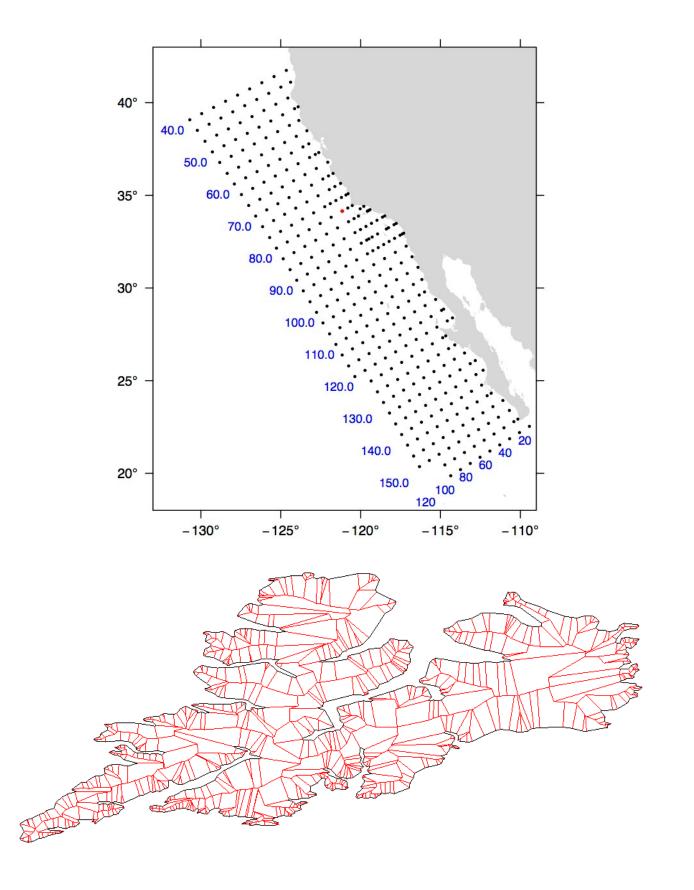


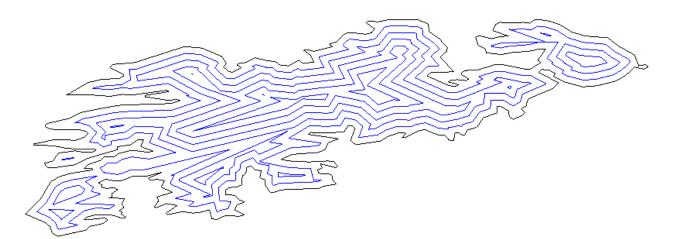


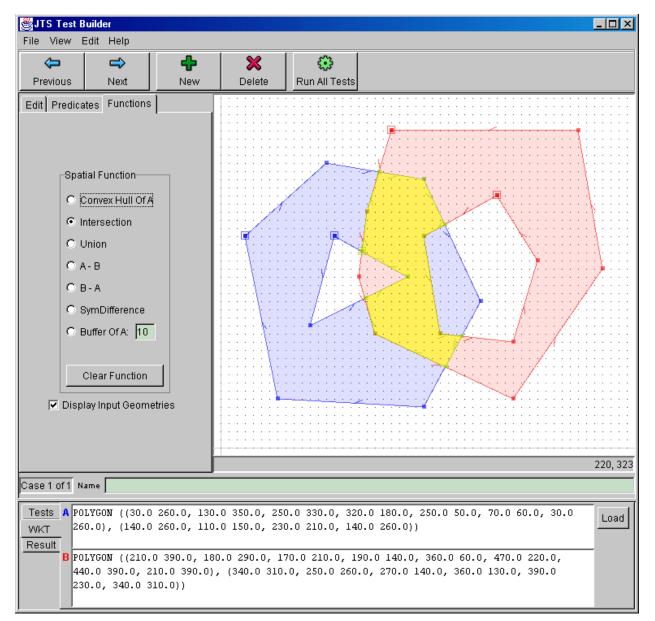
Chapter 3: The Geospatial Technology Landscape

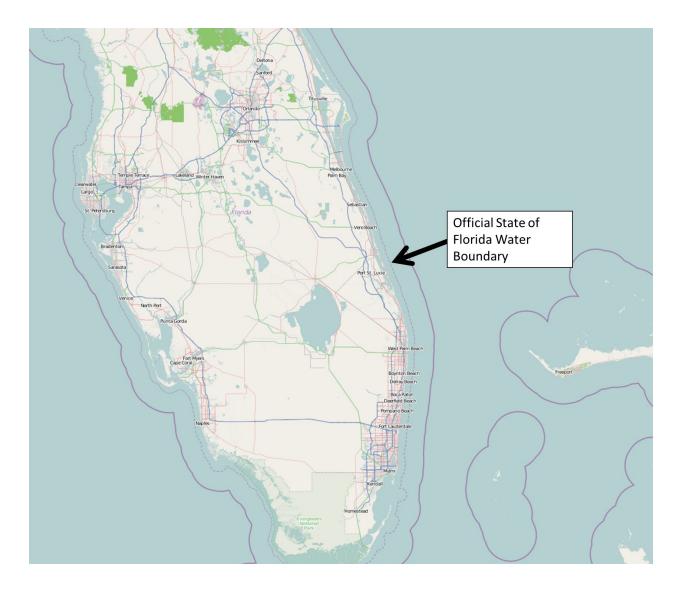


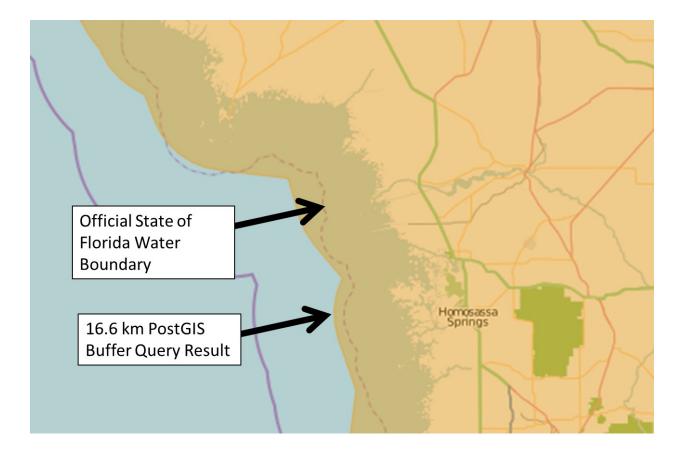












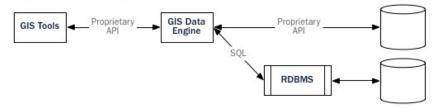
Evolution of GIS Architectures

First-Generation GIS:



Geometry, indexes, and attributes stored in file system

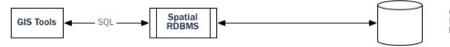
Second-Generation GIS:



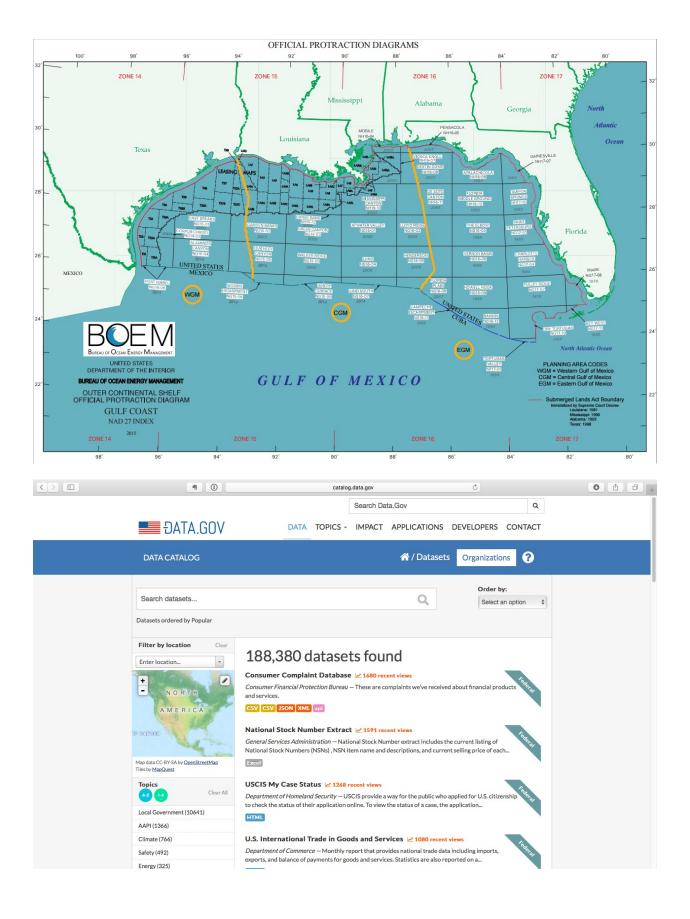
Geometry, indexes, and attributes stored in file system (may also be stored in BLOBs in RDBMS)

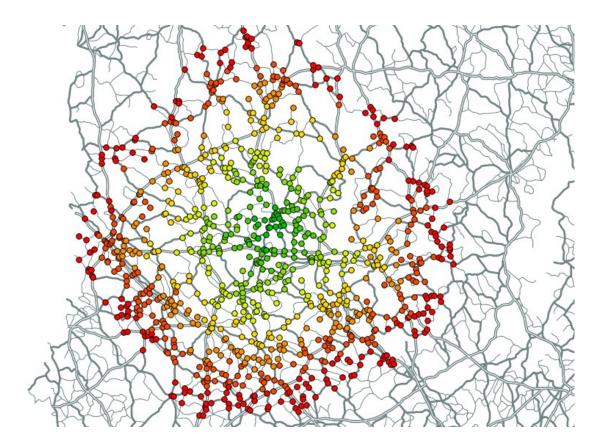
Attributes stored in RDBMS tables

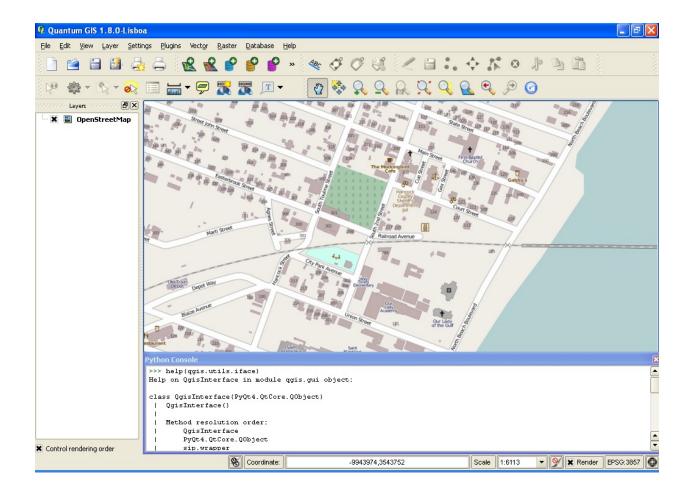
Third-Generation GIS:

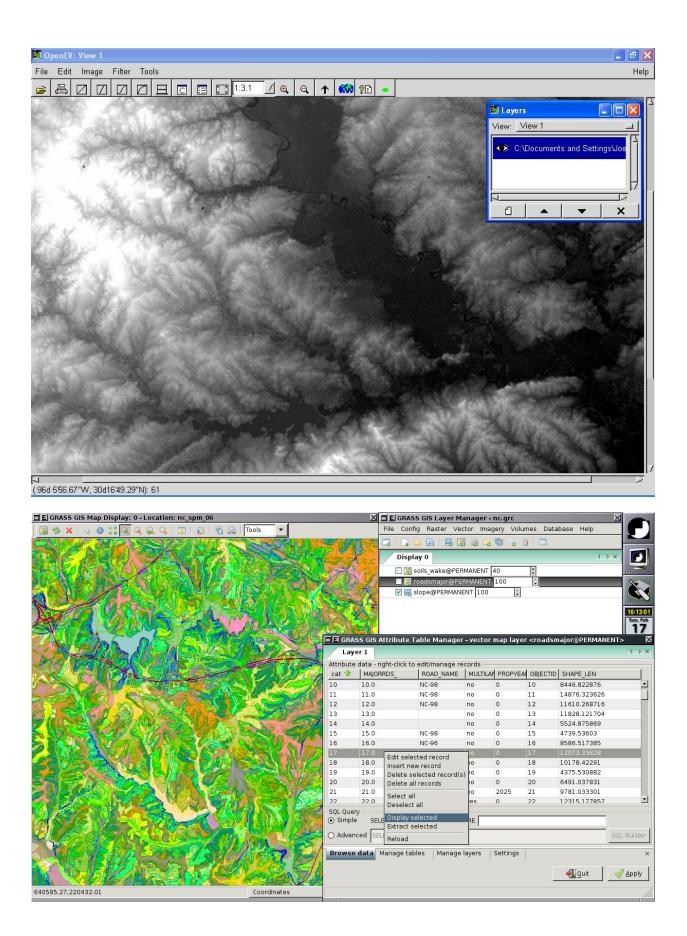


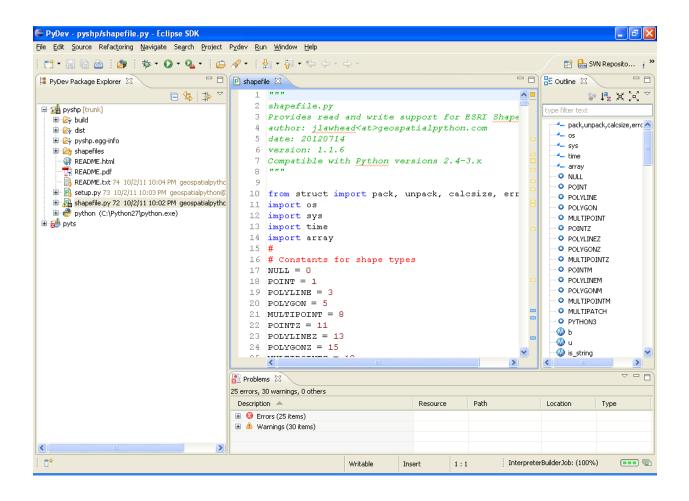
Geometry stored in ADTs in RDBMS tables with related business data

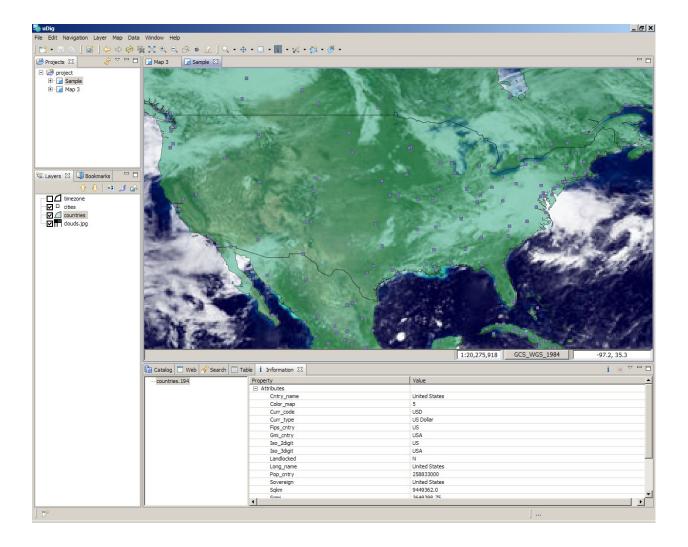


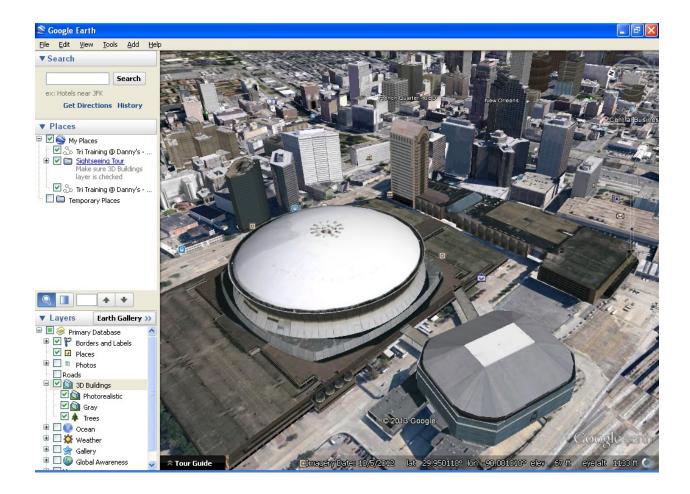




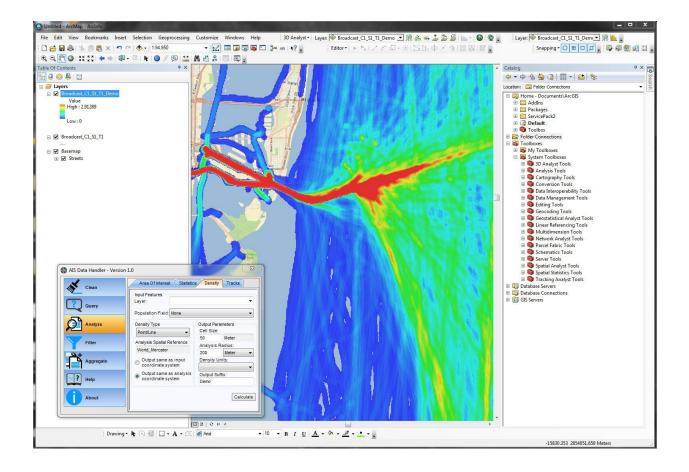






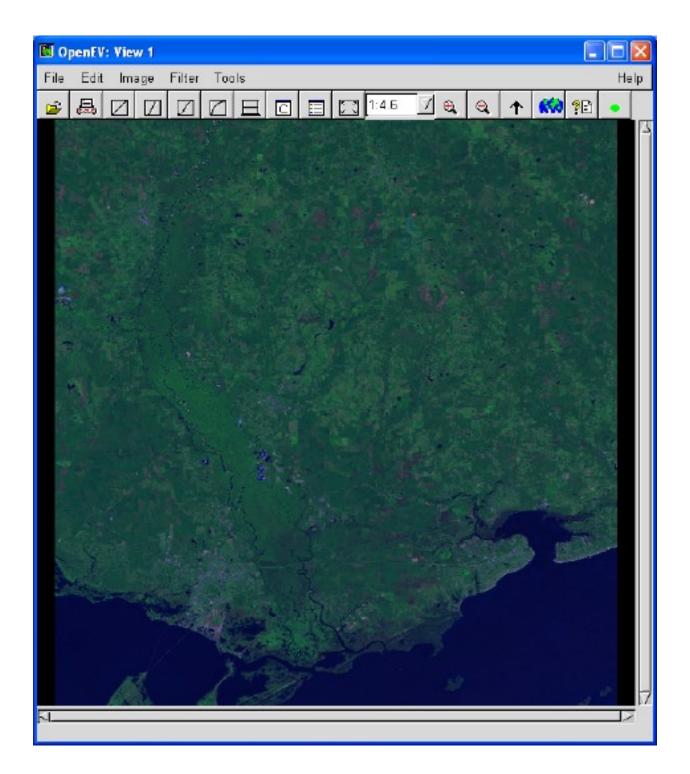


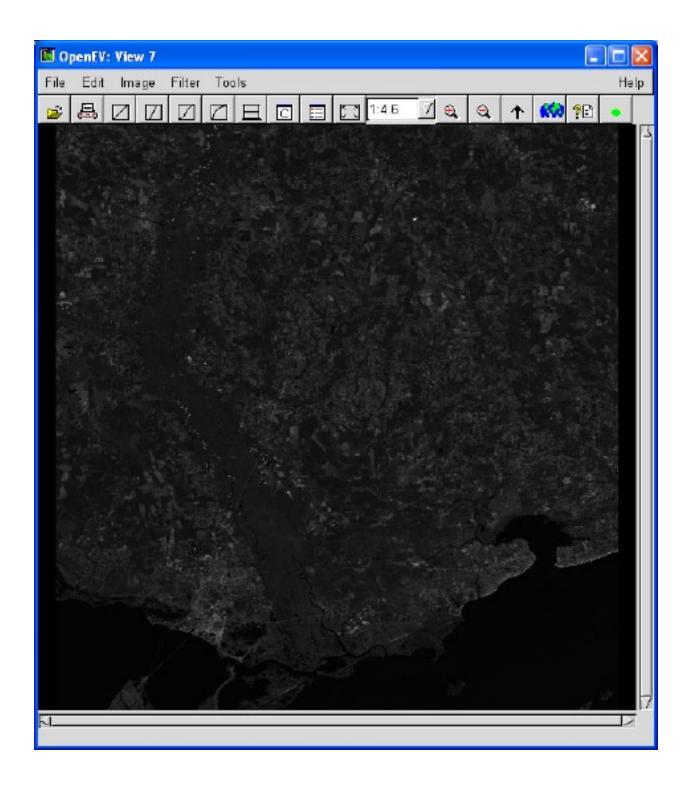


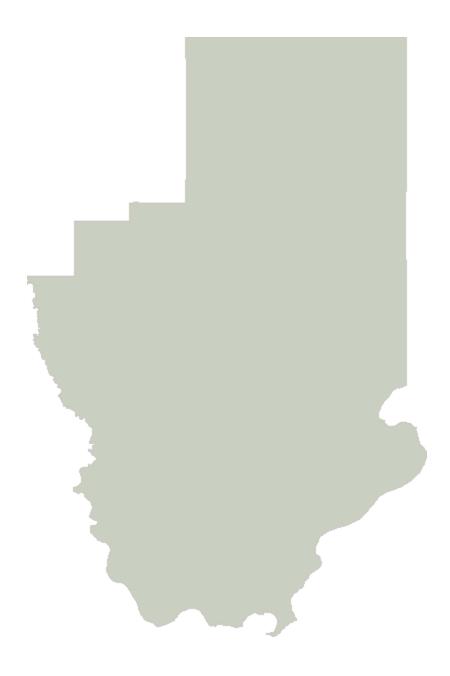


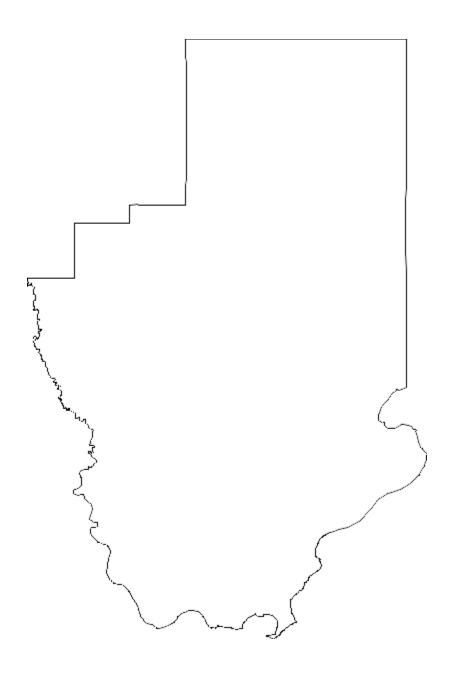


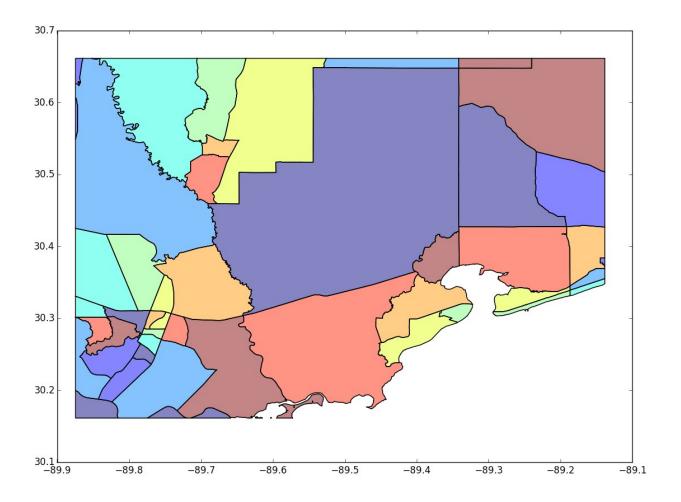
Chapter 4: Geospatial Python Toolbox



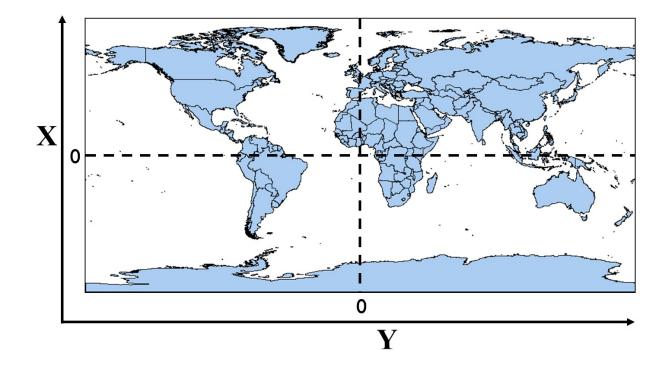


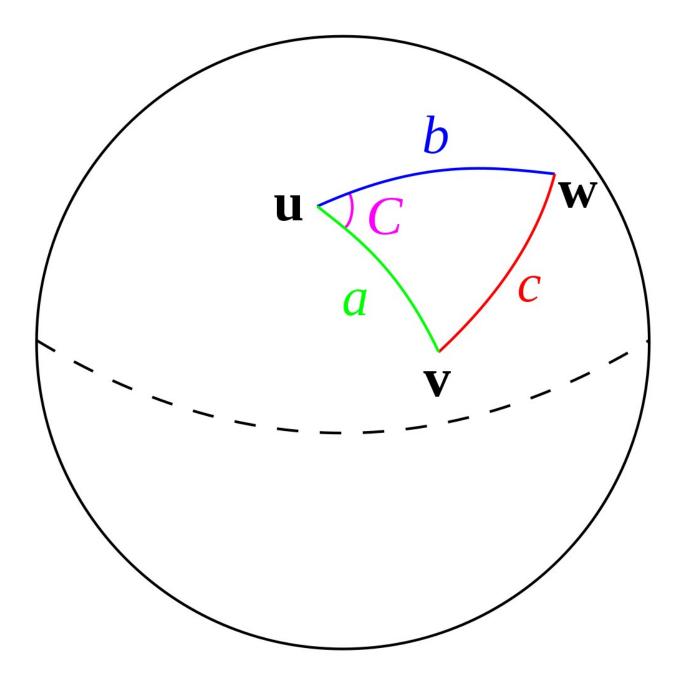


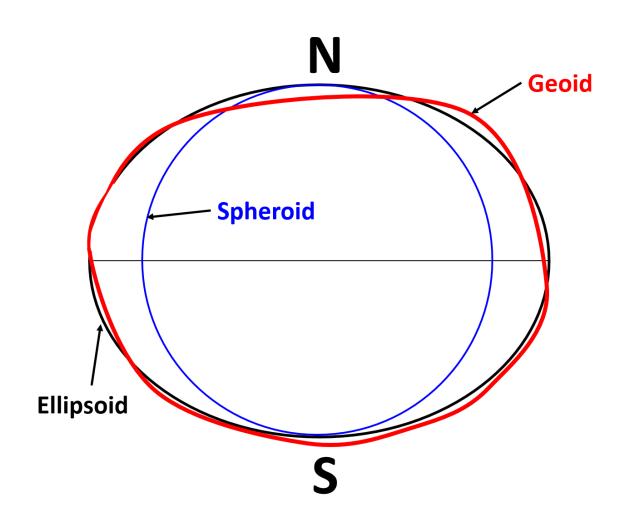


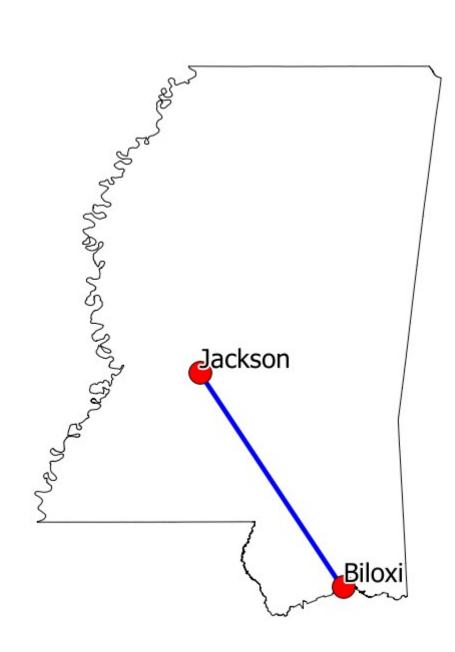


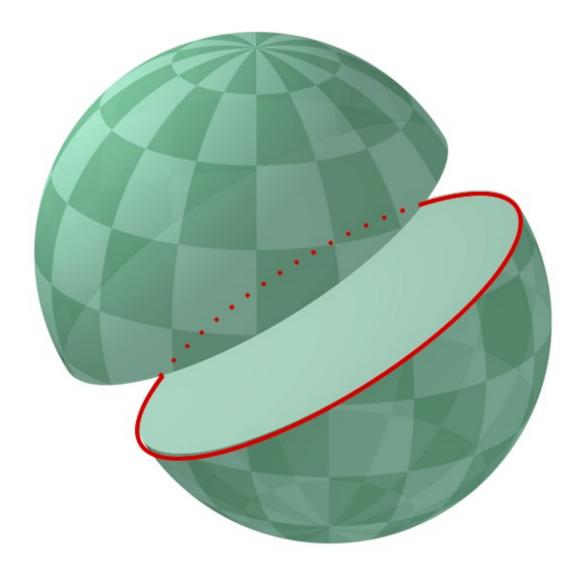
Chapter 5: Python and Geographic Information Systems

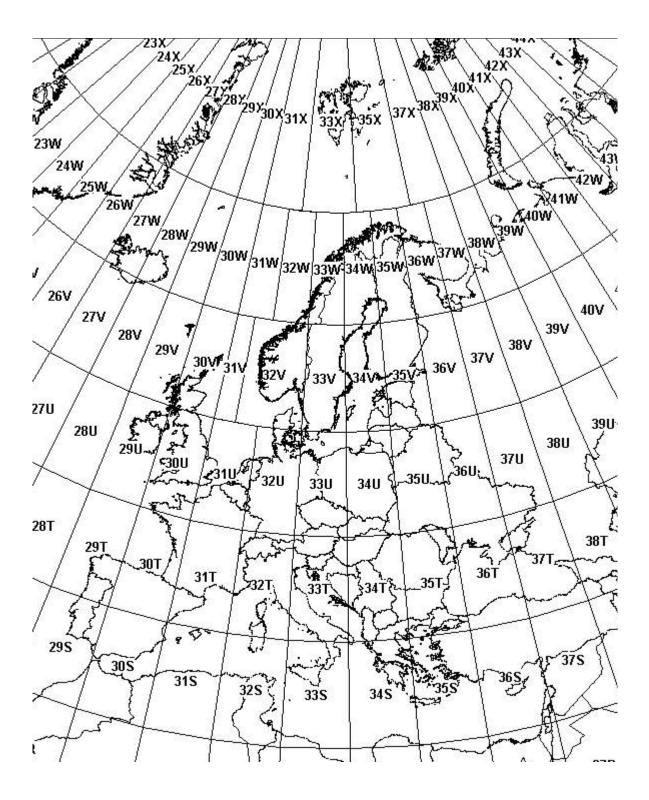


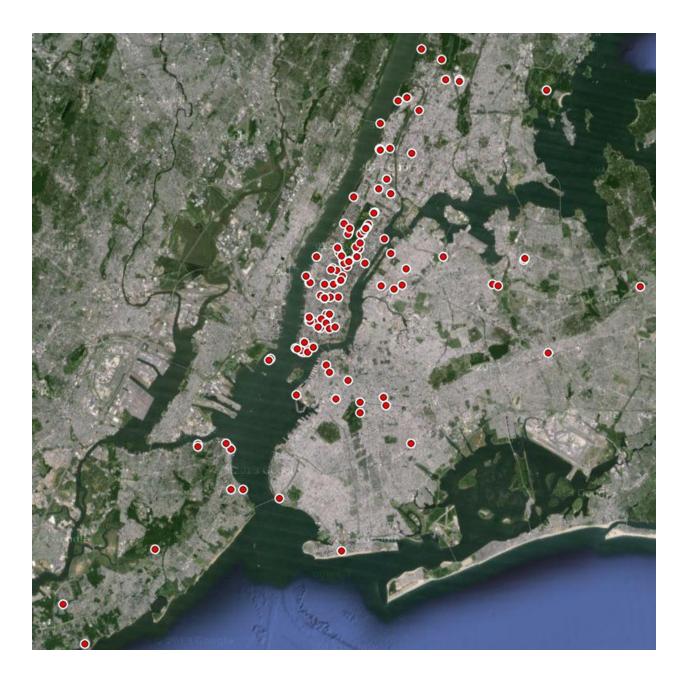


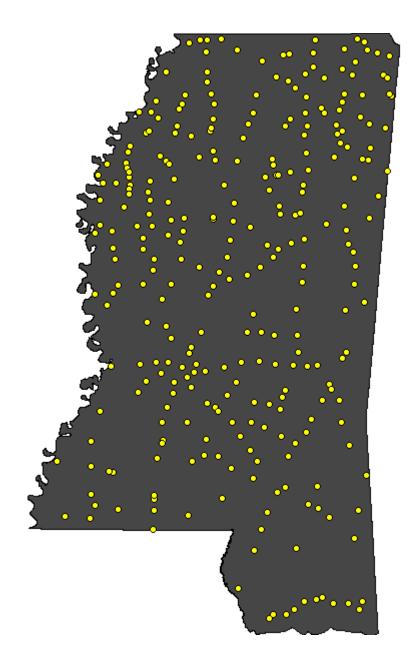




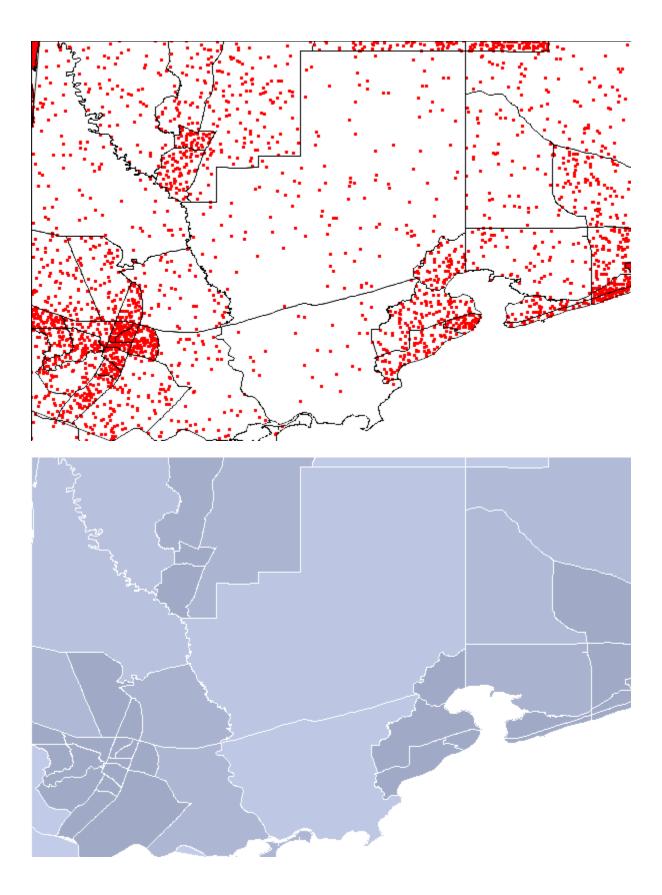






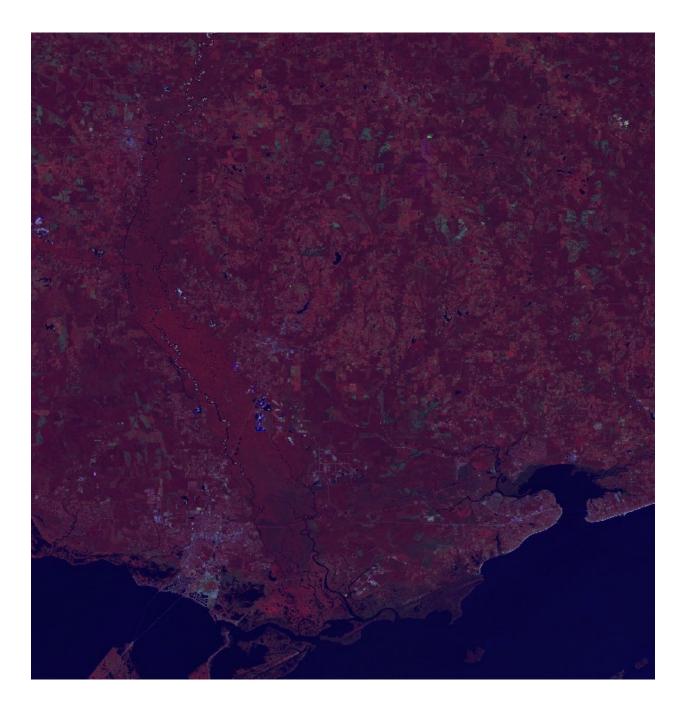






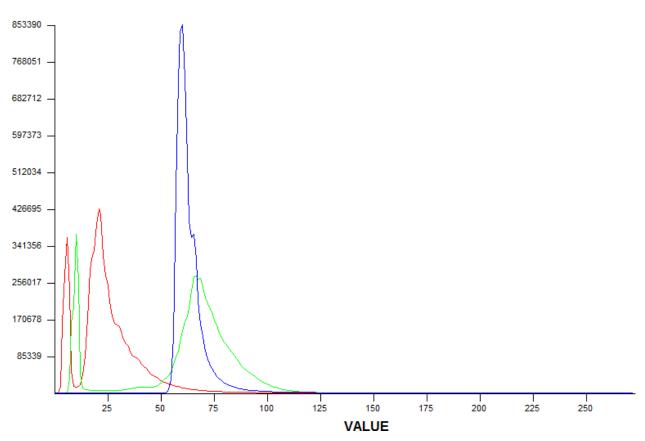
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| 2 | Alexander | (212) 514- | http://ww | 1 Bowling | Grn | New York | 10,04 | -74.0133 | 40.7038 | | |
| 3 | Alice Auste | (718) 816- | http://ww | 2 Hy 🗸 | Coordi | nato | 10305 | -7/ 063 | 40.6151 | | |
| 4 | American / | (212) 368- | http://ww | 633 | | | 10032 | J.9473 | 40.8339 | | |
| 5 | 1919 | | http://ww | | Colun | าท | 1001 | -73.9781 | 40.7616 | | |
| 6 | American I | (212) 363- | http://ww | Ellis Island | | New York | 0 | -74.0397 | 40.6991 | | |
| 7 | American I | (212) 769- | http://ww | Central Pa | rk West at 7 | New York | 024 | -73.9736 | 40.7808 | | |
| 8 | American I | (212) 571- | http://ww | 75 Varick S | 11th Floor | New Yor' | 10013 | -74.007 | 40.7235 | | |
| 9 | Americas S | (212) 249- | http://as.a | 680 Park A | ve. | New | 10021 | -73.966 | 40.7688 | | |
| 10 | Anne Franl | (212) 431- | http://ww | 38 Crosb | N/O | | 10012 | -73.9996 | 40.7211 | | |
| 11 | Asia Societ | (212) 288- | http://ww | 725 Park | Y Coo | rdinate | 10021 | -73.9643 | 40.7698 | | |
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| 14 | Bowne Ho | (718) 359- | http://ww | 37-01 Bow | ne Street | Queens | 11354 | -73.8249 | 40.7629 | | |
| 15 | Bronx Hist | (718) 881- | http://ww | 3309 Bainl | bridge Ave | Bronx | 10467 | -73.8797 | 40.8782 | | |
| 16 | READY MUSEU | (718) 681- MS_GEO 2 | http://www. | 10/10 Gran | d Concours | Brony | 10/56 | -73 9198 | 10 831 | ▼ ▶ [| |
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Chapter 6: Python and Remote Sensing

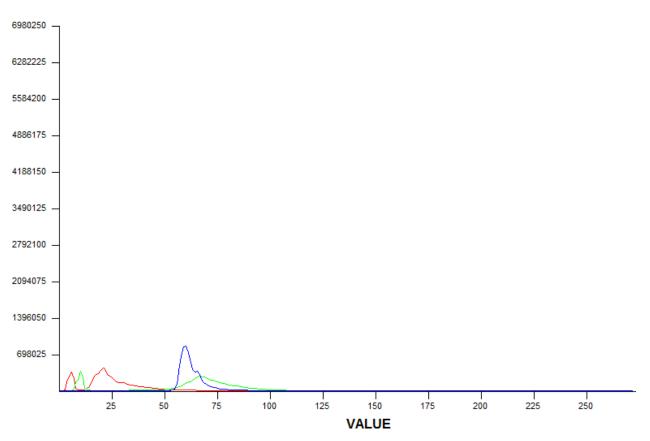




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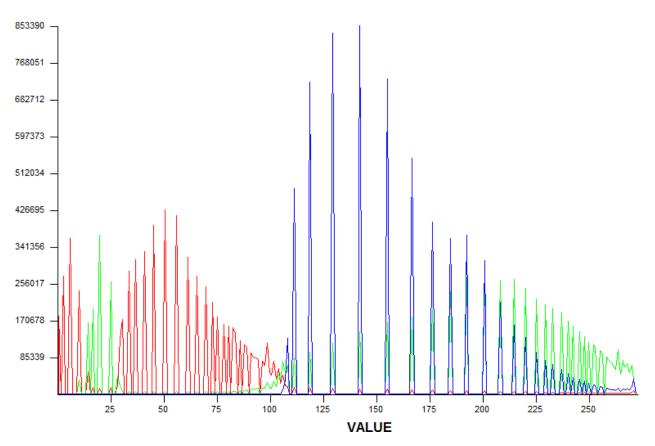


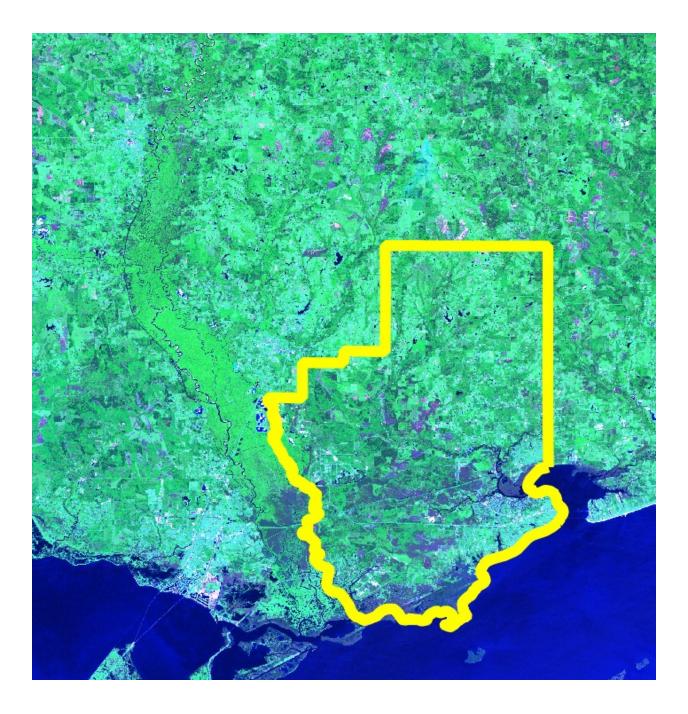
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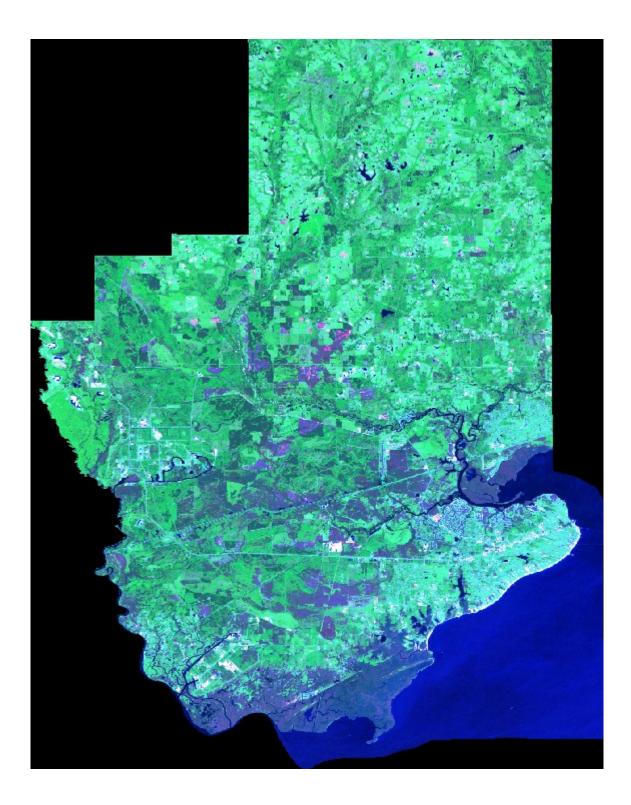


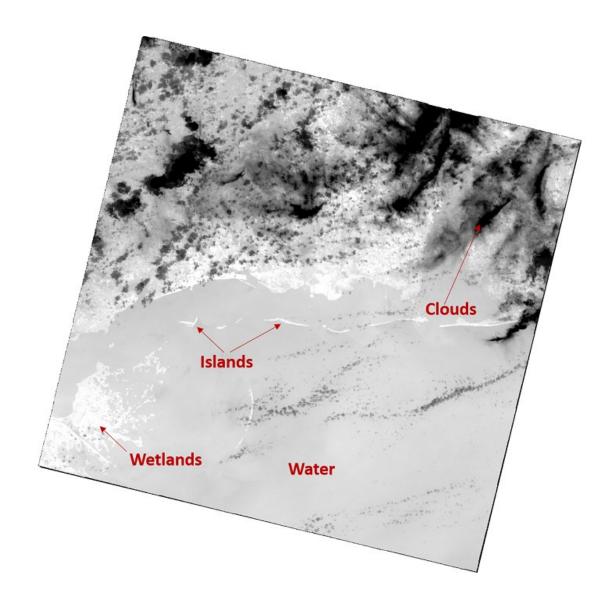


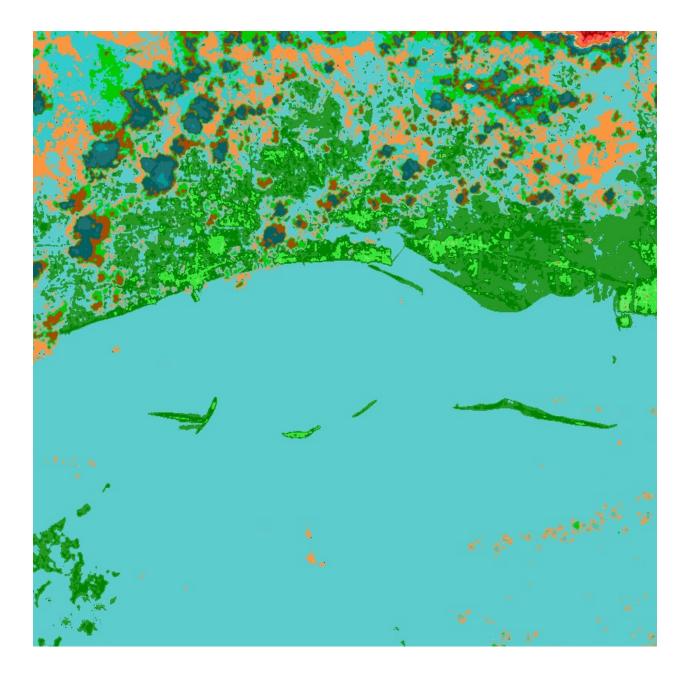
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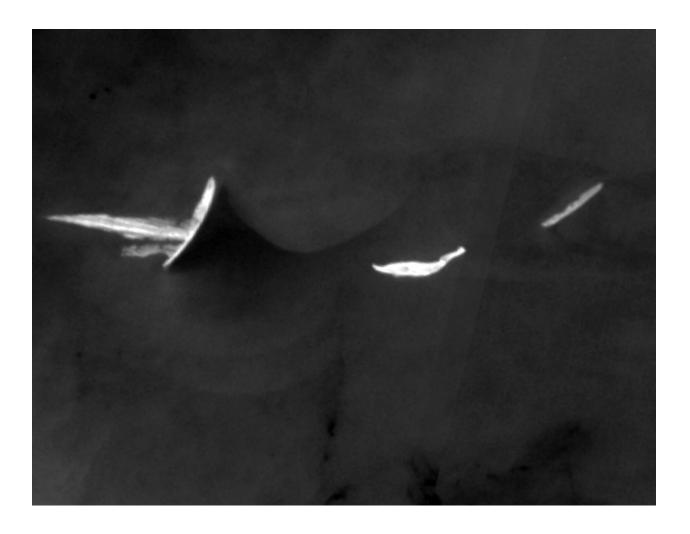




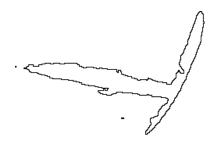




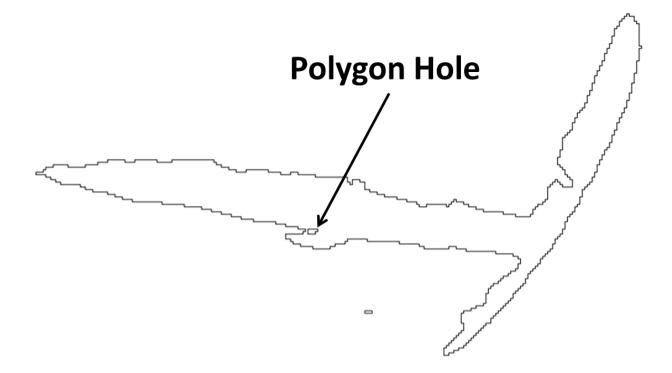




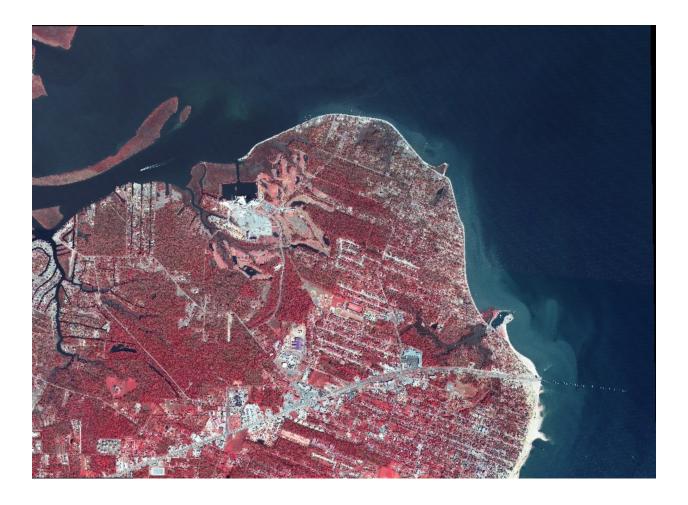


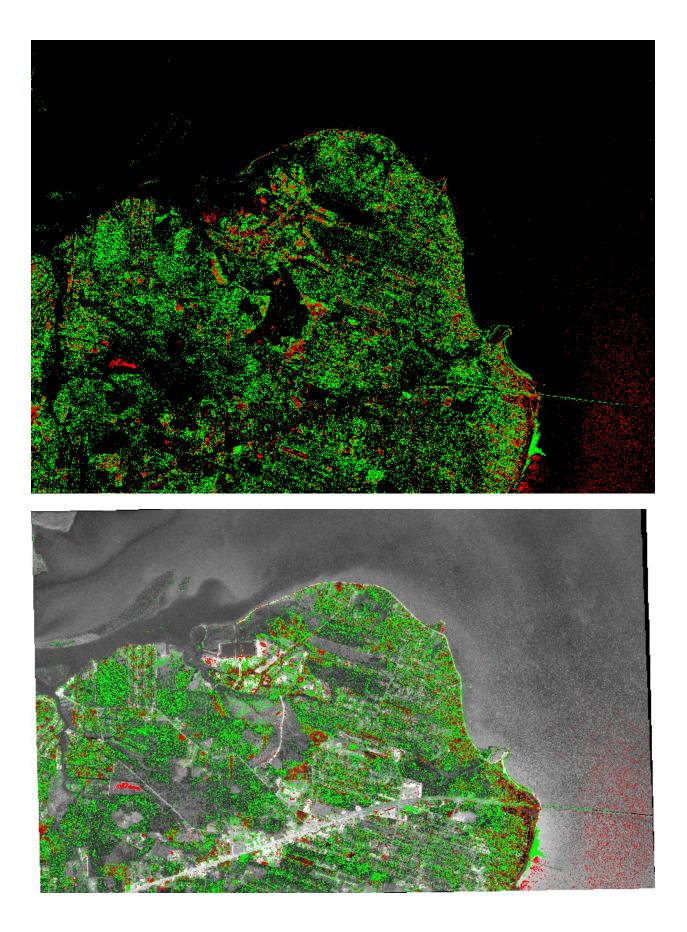


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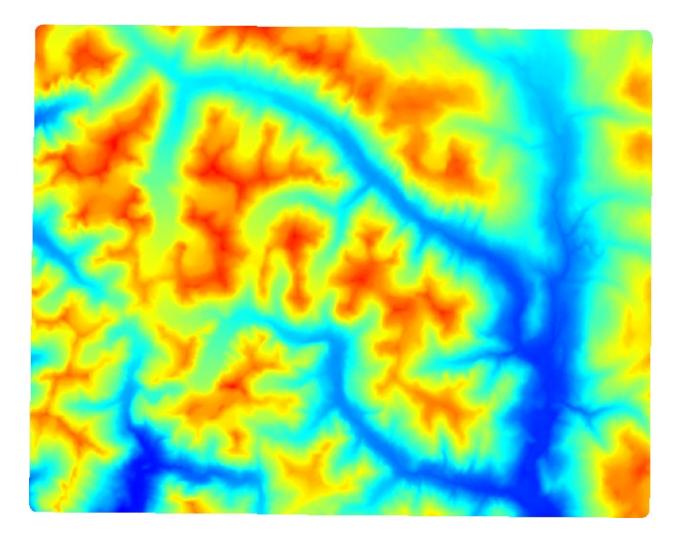


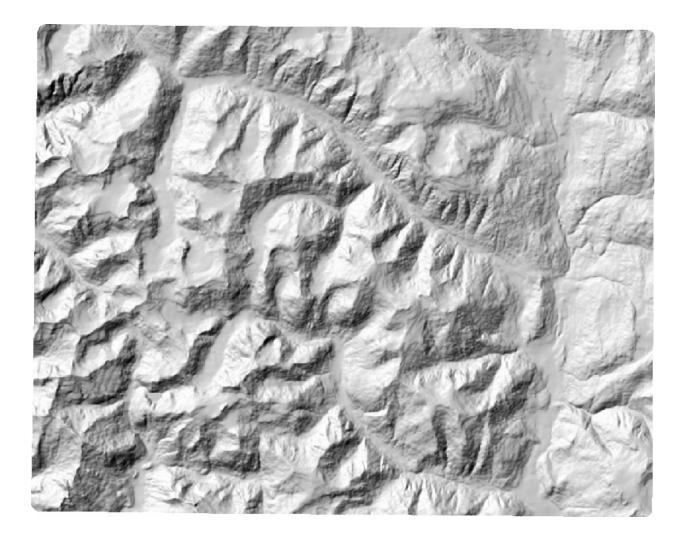




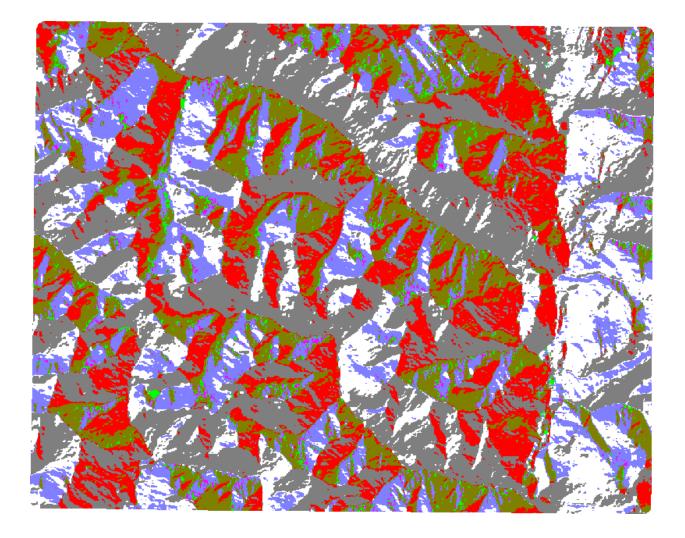


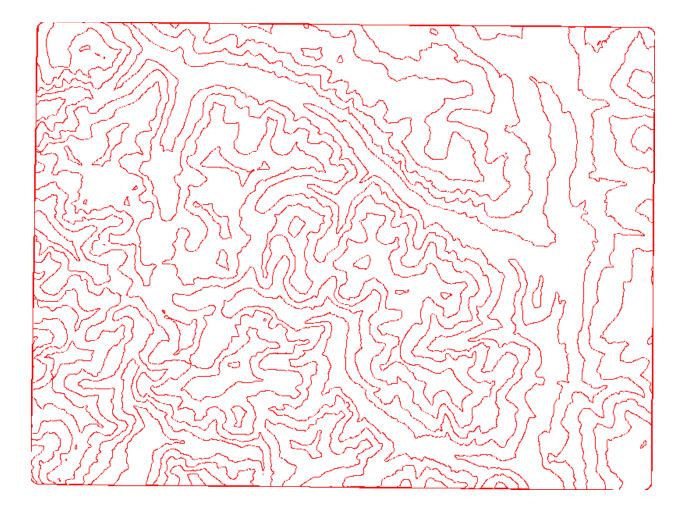
Chapter 7: Python and Elevation Data

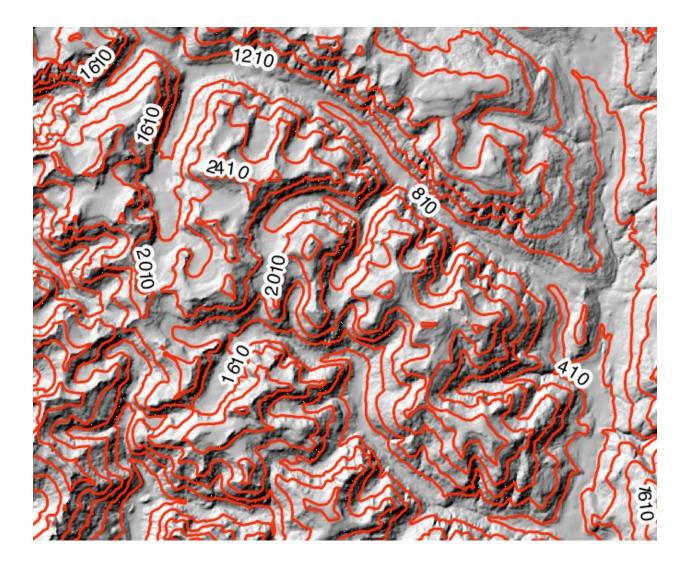


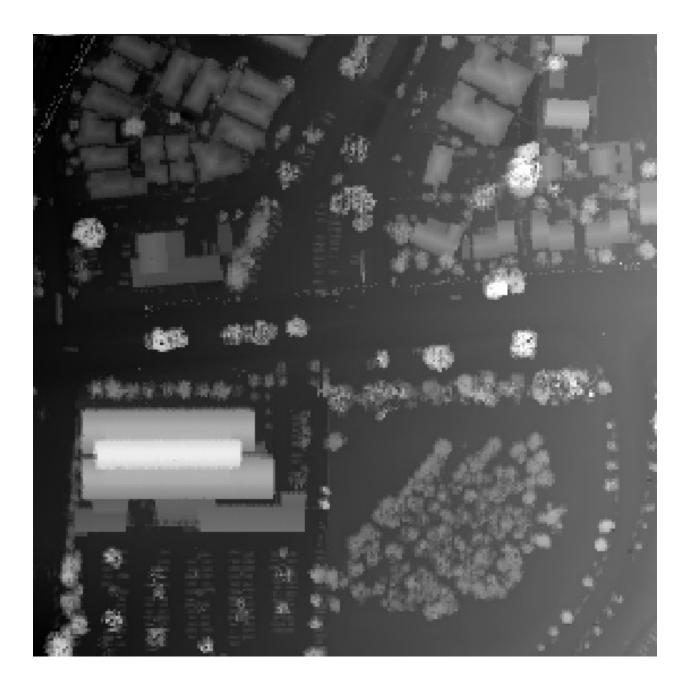


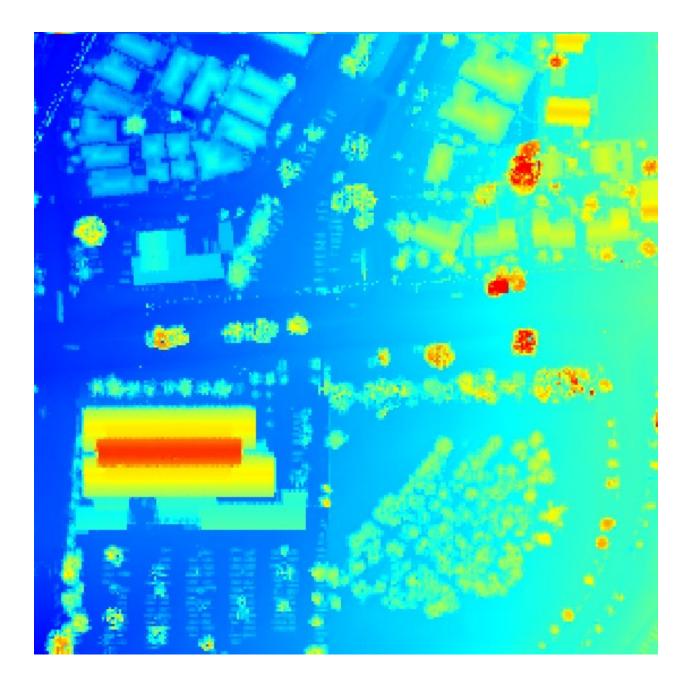


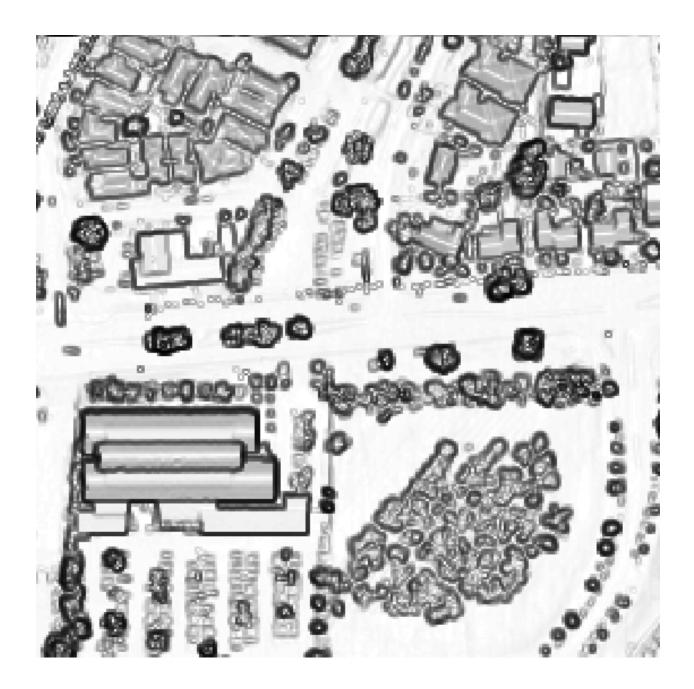


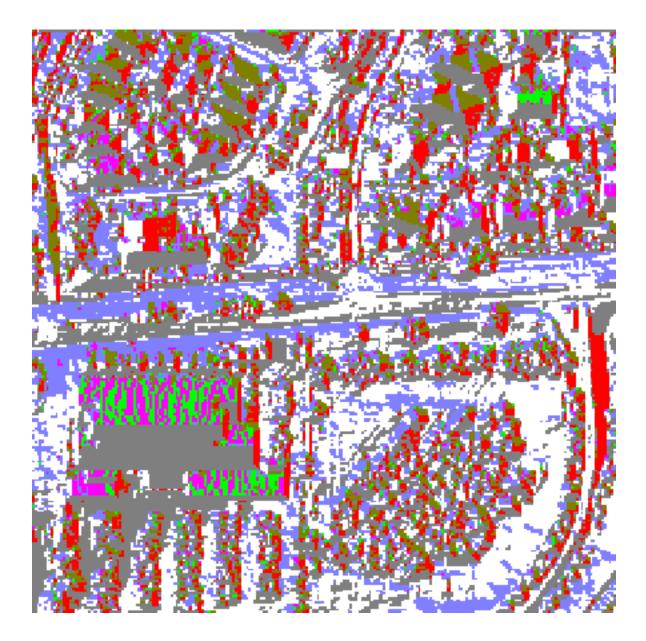


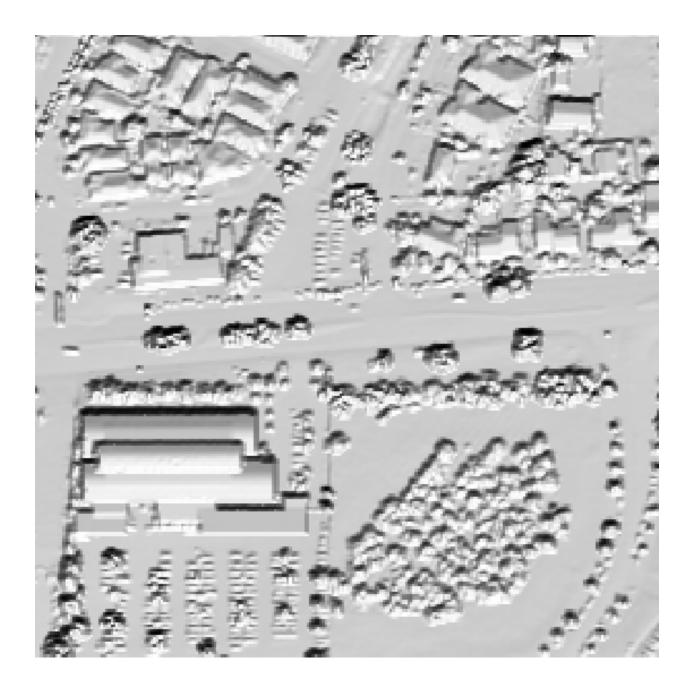


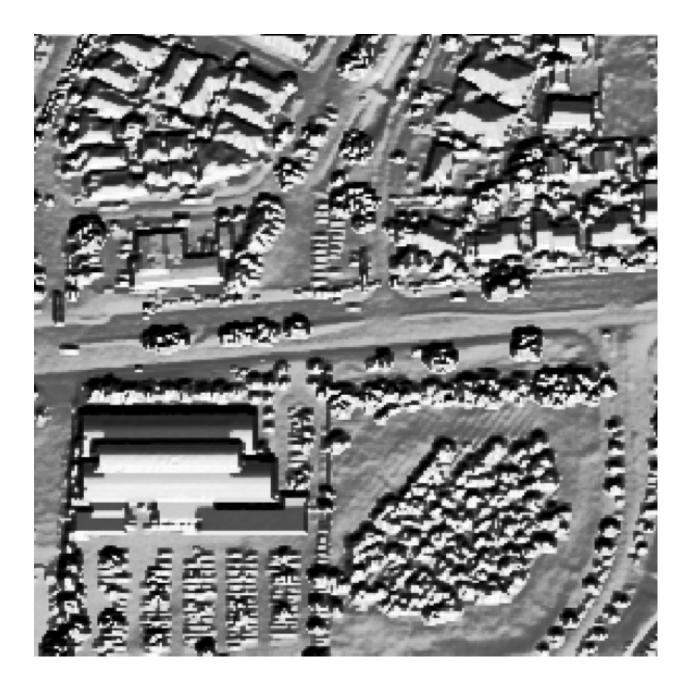


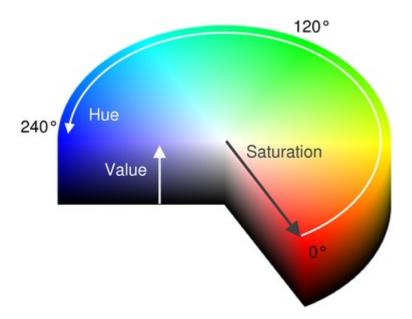


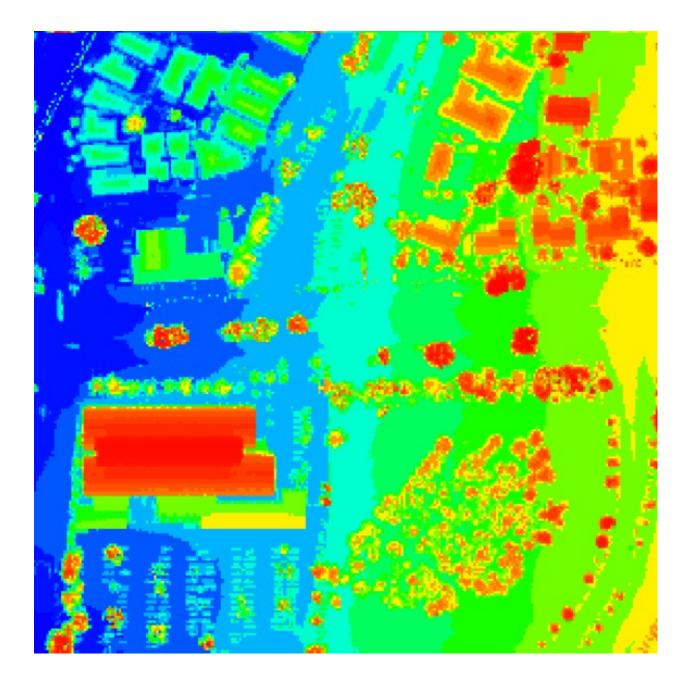


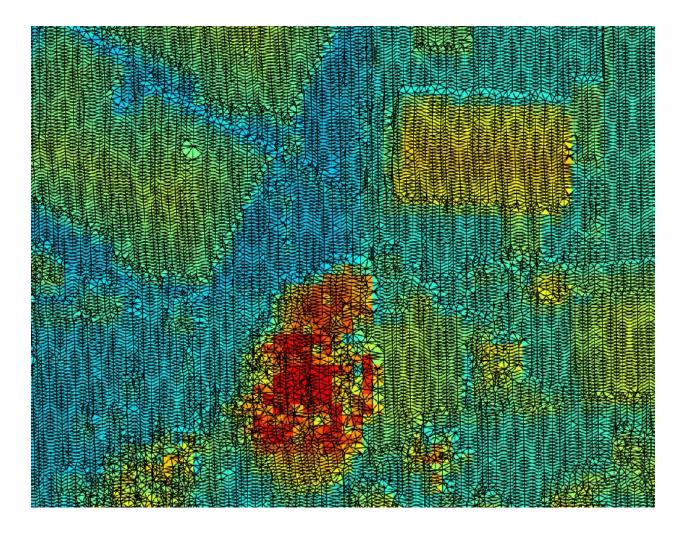




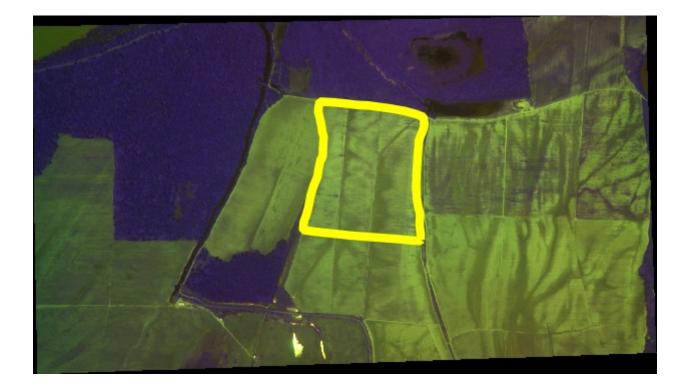


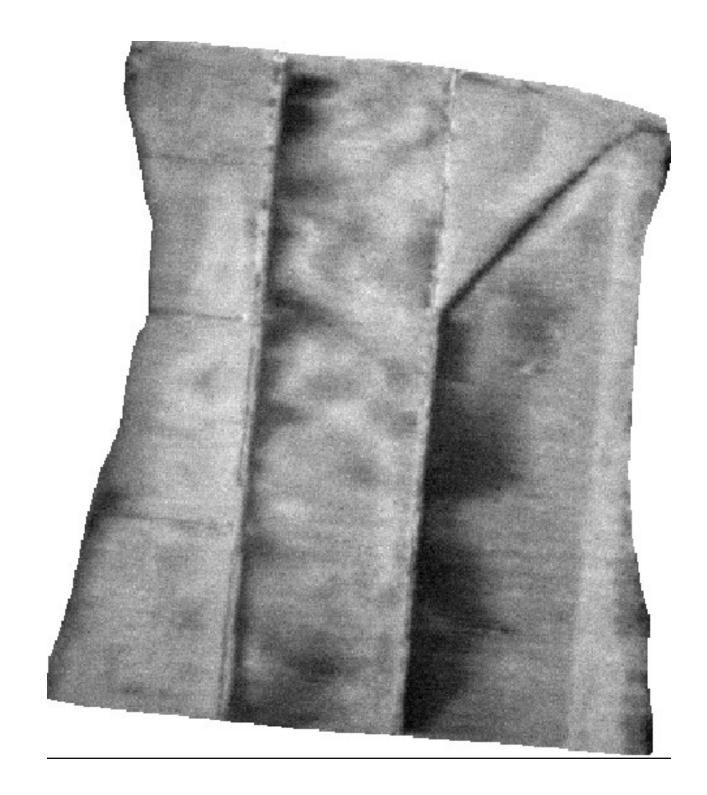




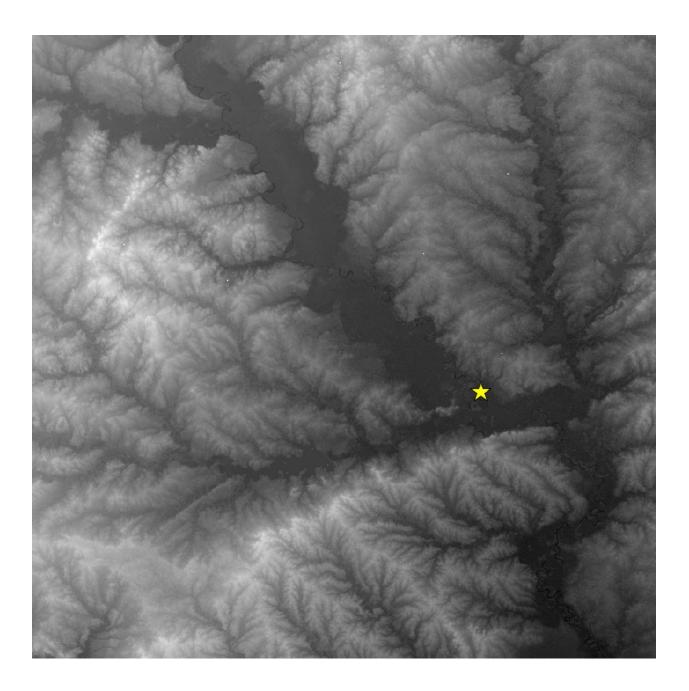


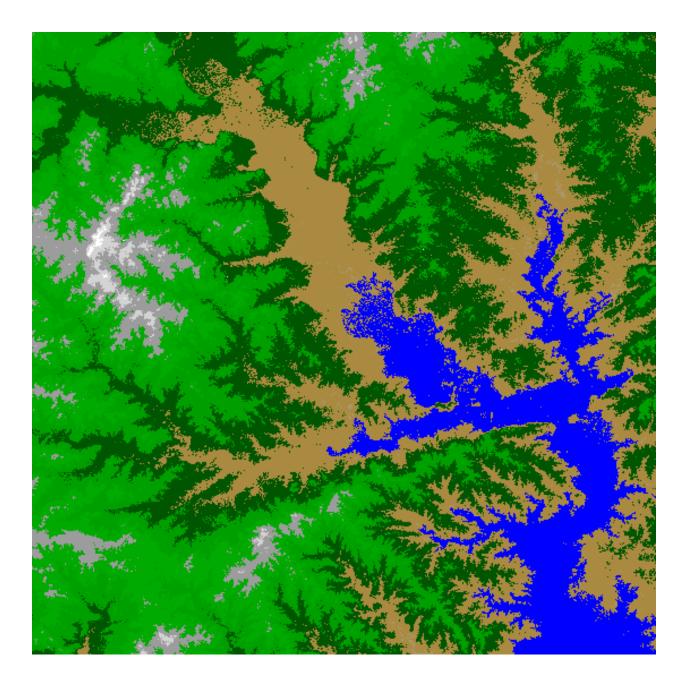
Chapter 8: Advanced Geospatial Python Modeling

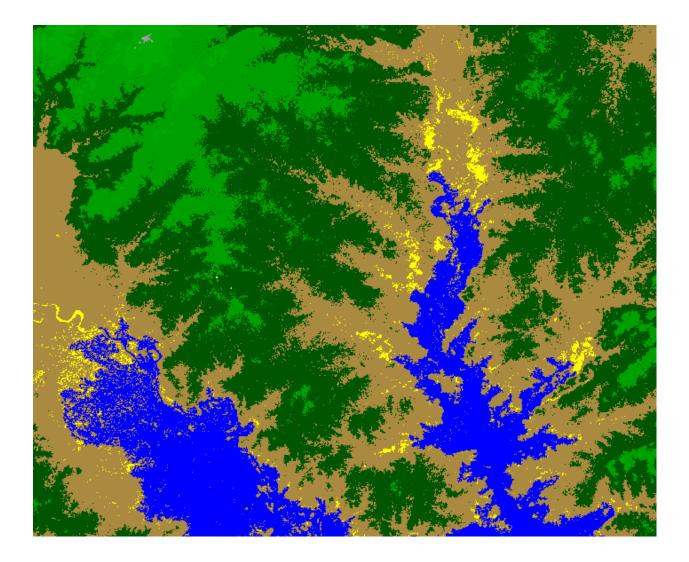


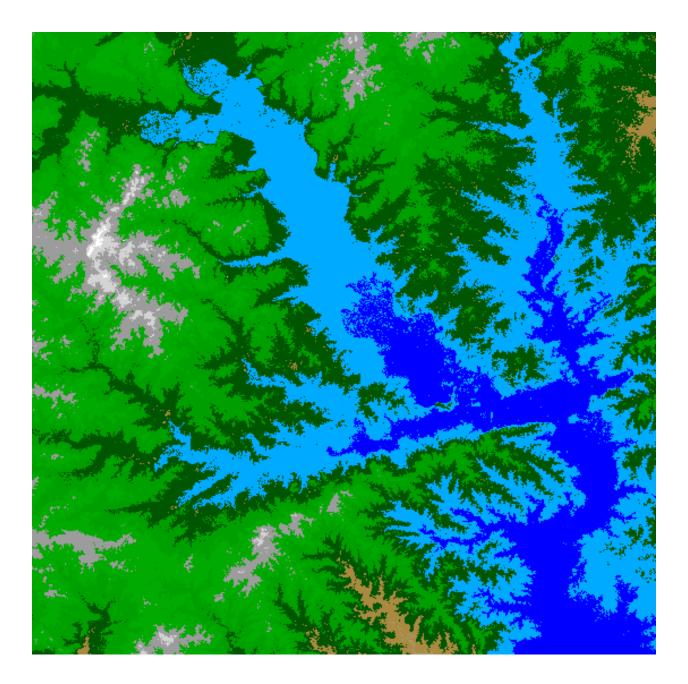


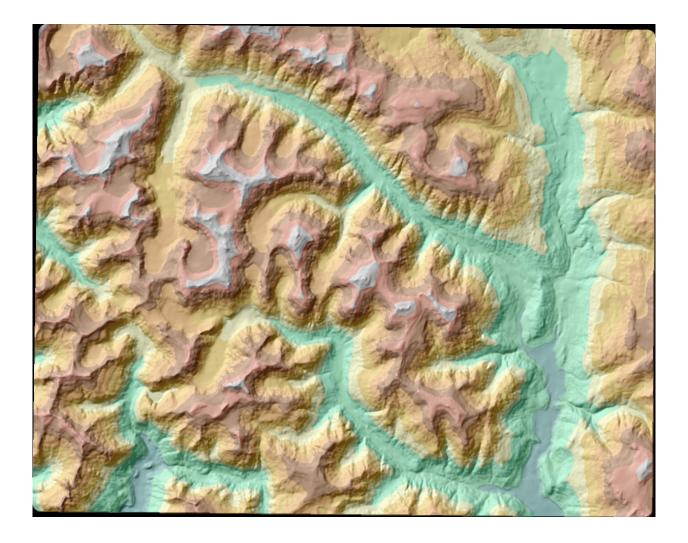


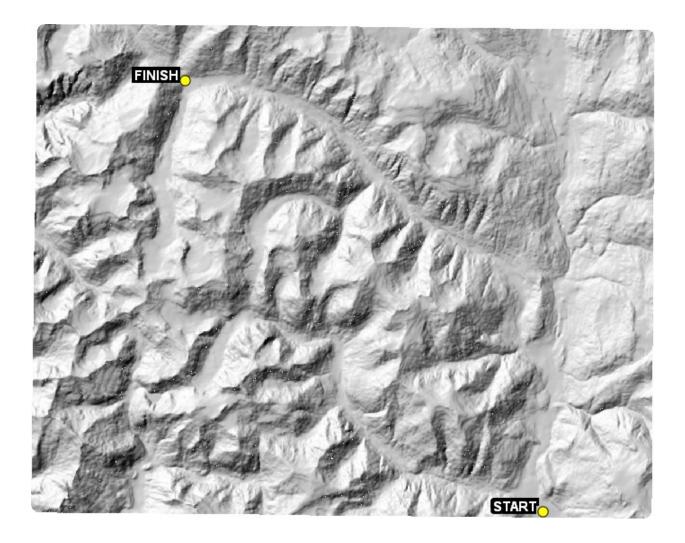


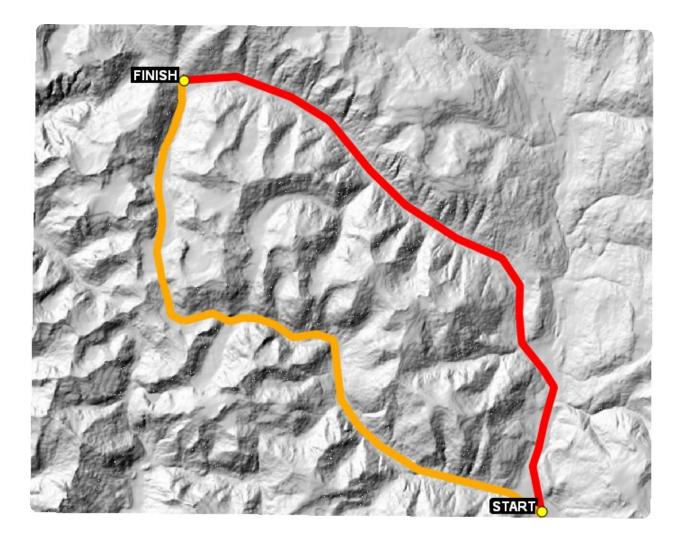




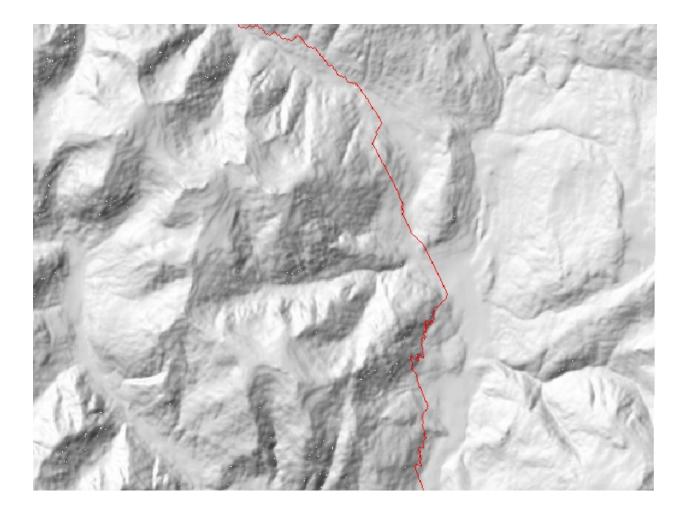


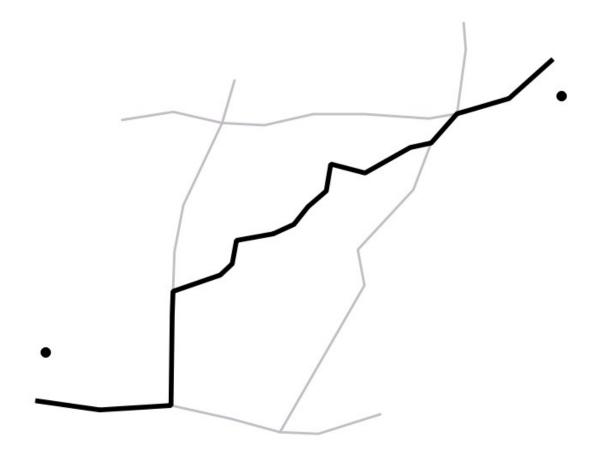












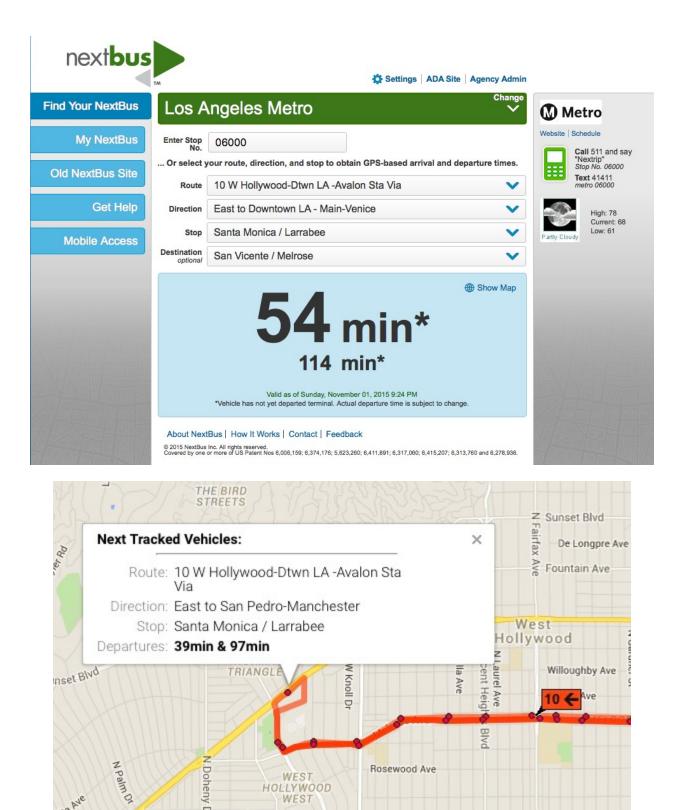


Chapter 9: Real-Time Data

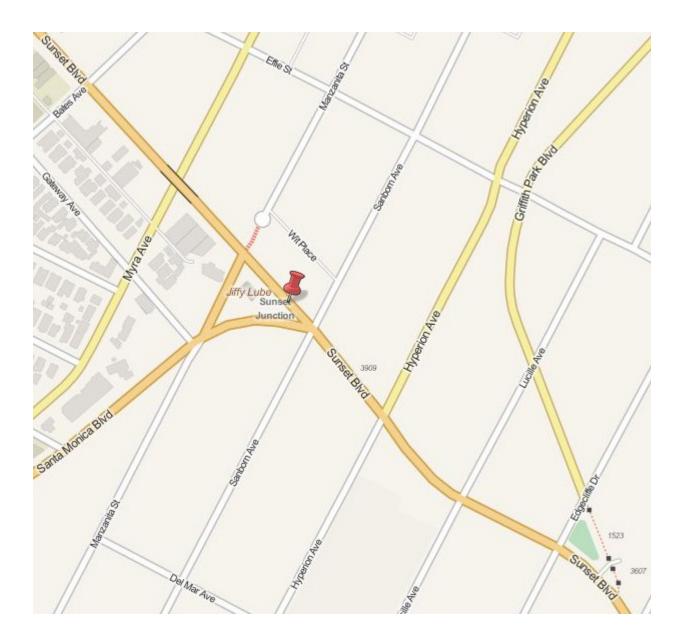
N Doheny

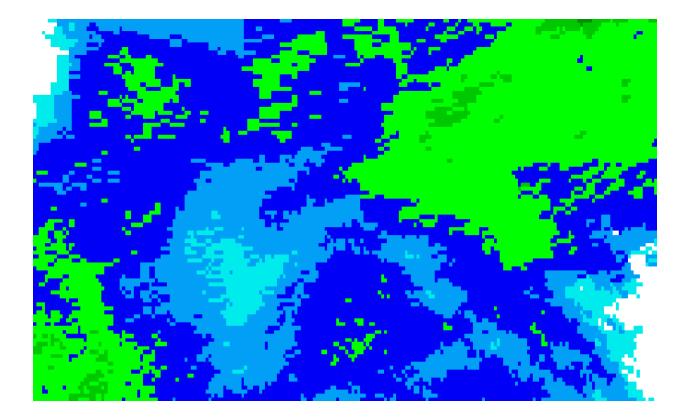
a Ave

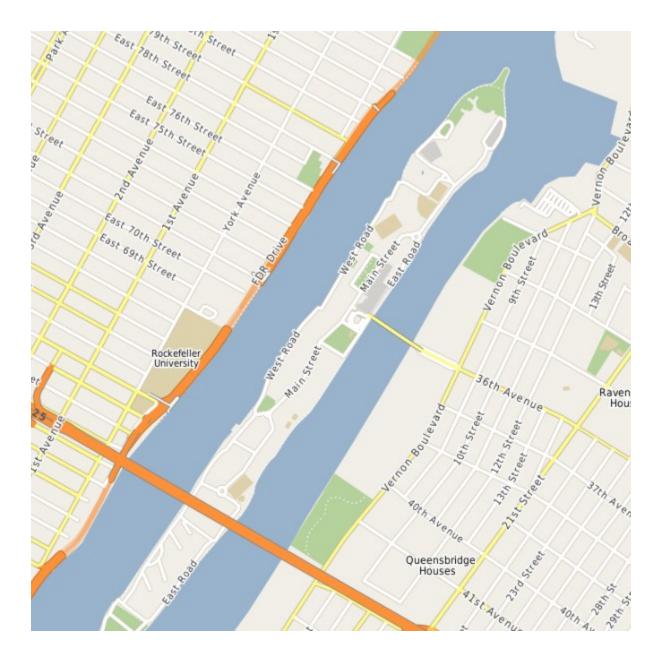
WEST. HOLLYWOOD



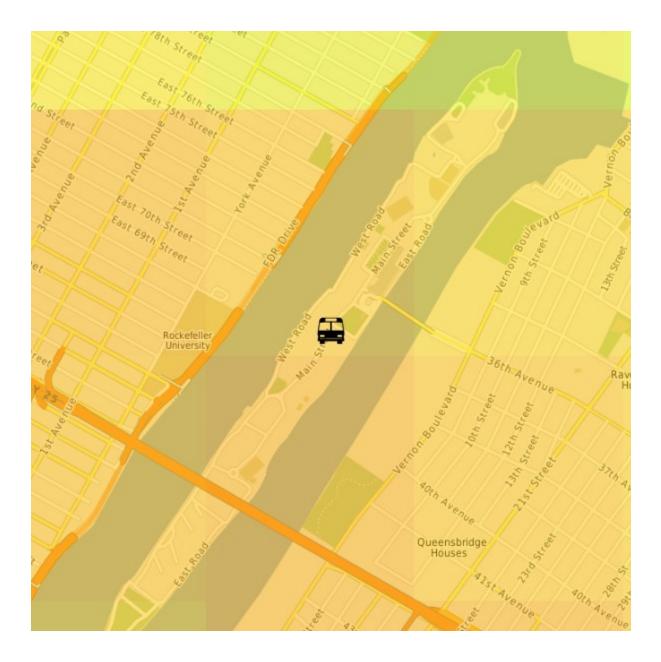
Rosewood Ave

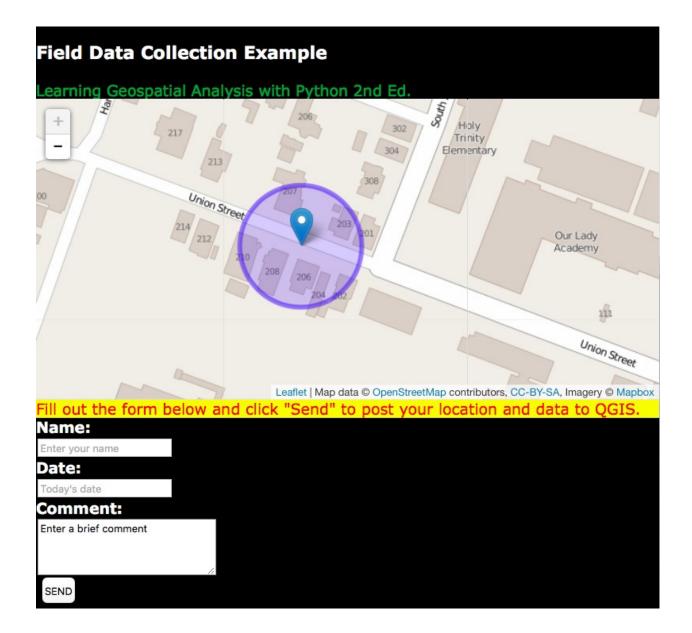


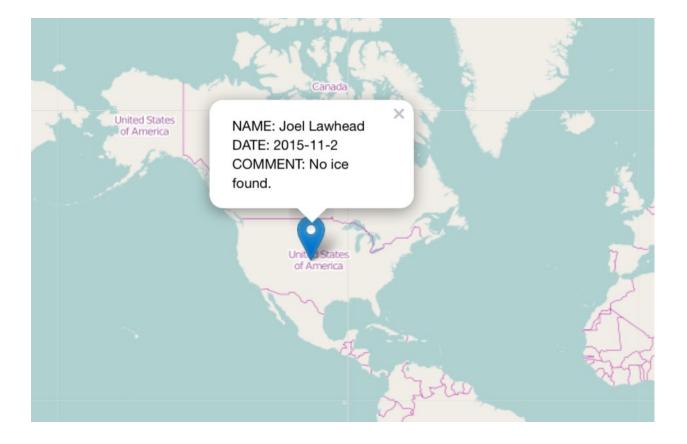




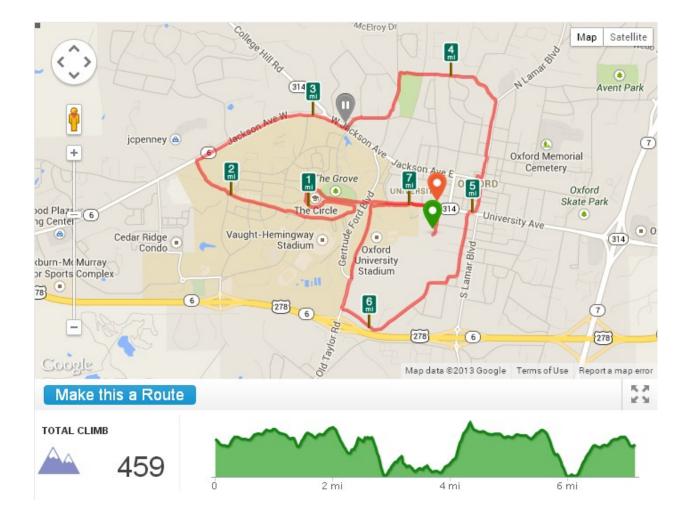


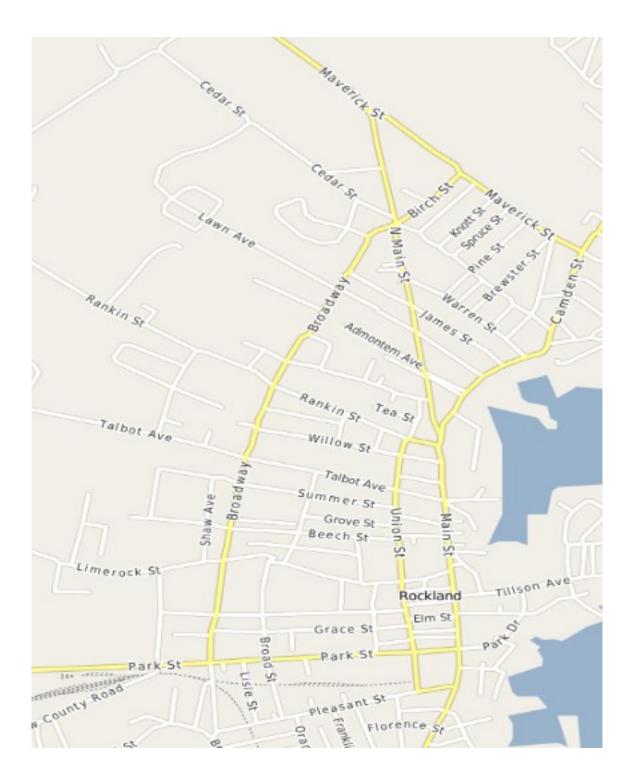






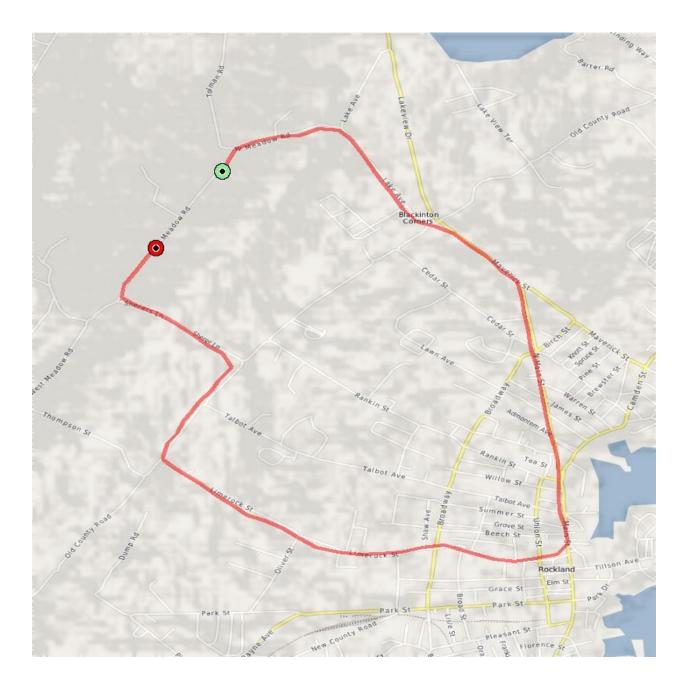
Chapter 10: Putting It All Together





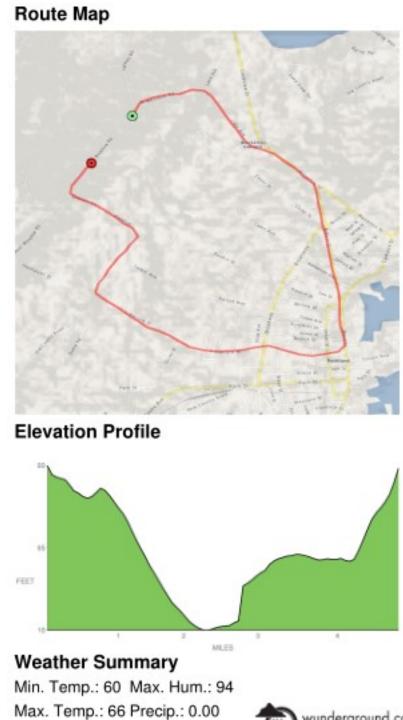








GPX Report



Min. Hum.: 82

