

Green Roofs in Portland

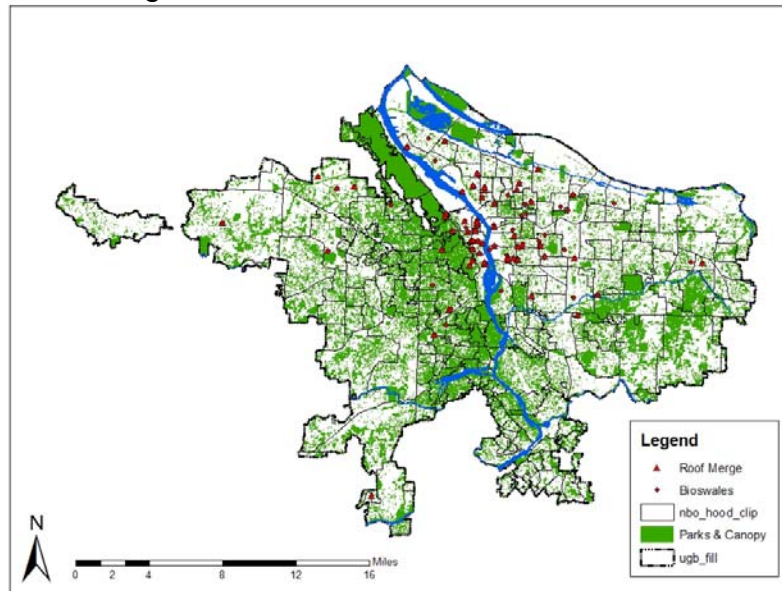
- A leader in implementing green roofs
 - As of 2005, Portland had 2 acres of green roof space (additional 2 acres to be built)
- Education through guided tours
- Provides incentives and monitoring
- Recognized as Best Management Practice



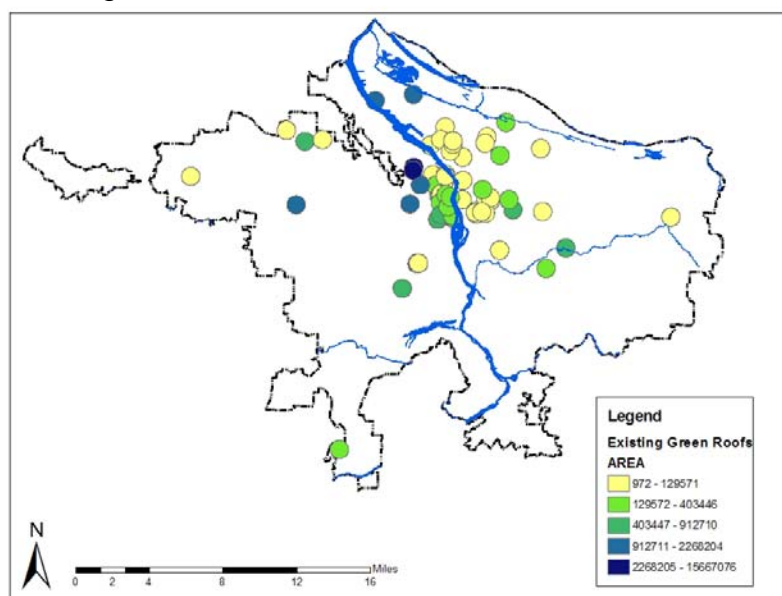
Data Sources

- RLIS, February 2008
 - Urban Growth Boundary, Canopy, Parks, Major Rivers, Neighborhoods, and Aerial Photos
- USDA Geospatial Data Gateway
- Bureau of Environmental Services Portland, OR
- Making Green Roofs Happen: Learning from International Leaders in Green Roof Policy, 2005
http://www.toronto.ca/greenroofs/pdf/makingsection2_nov16.pdf

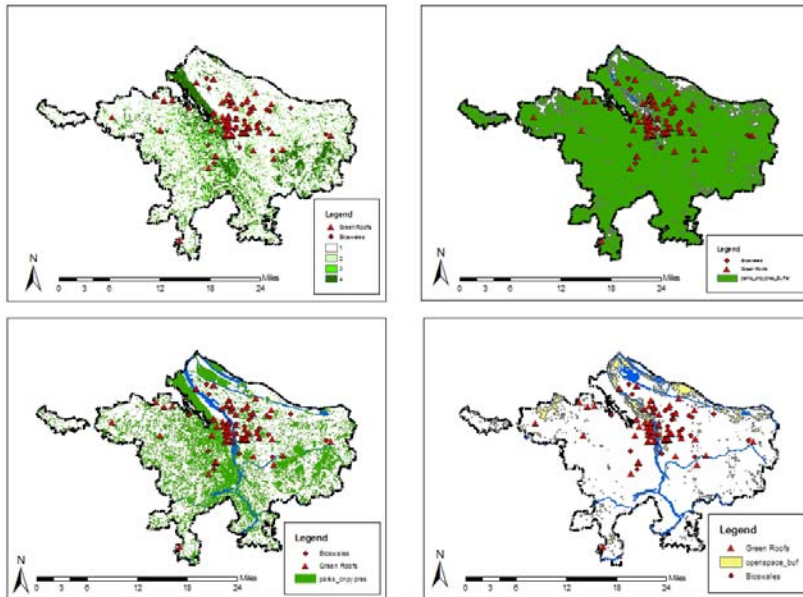
Geocoding



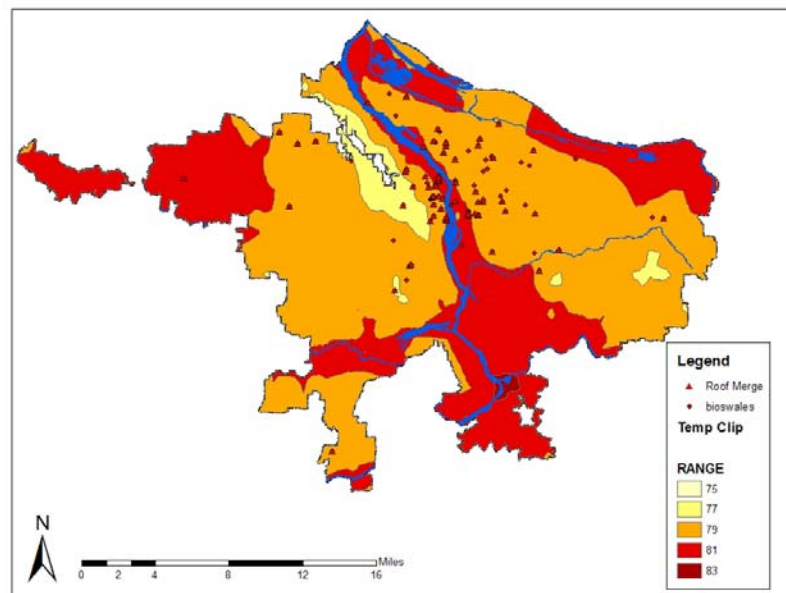
Existing Green Roofs



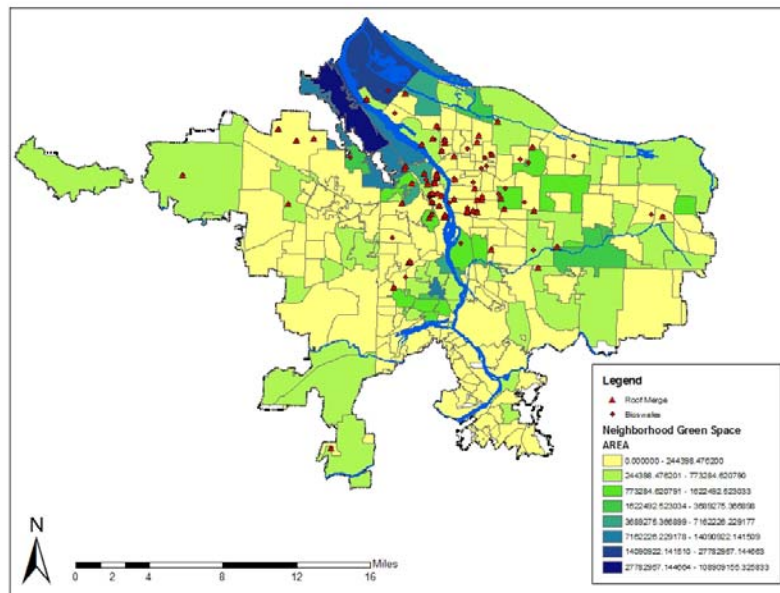
The Steps for getting Open Space



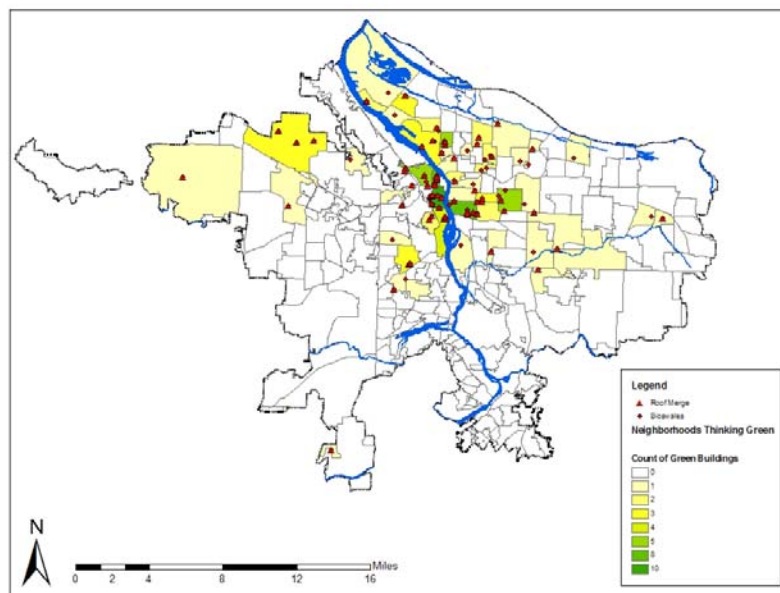
Maximum Temperature for the Metro Area



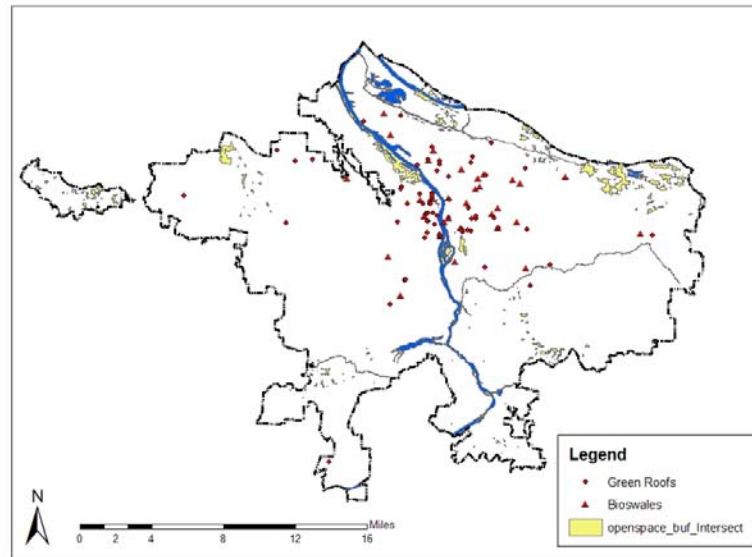
Neighborhood Green Space



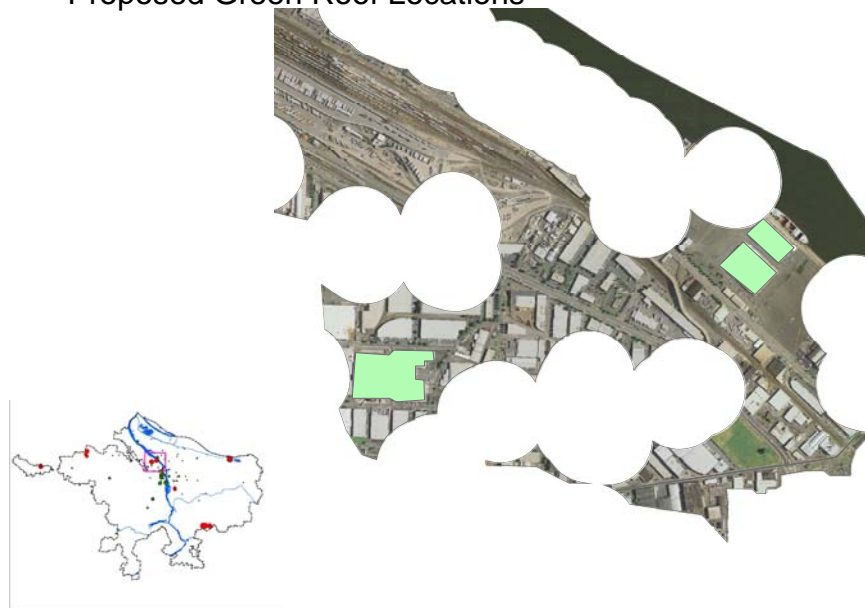
Neighborhoods that are Thinking Green



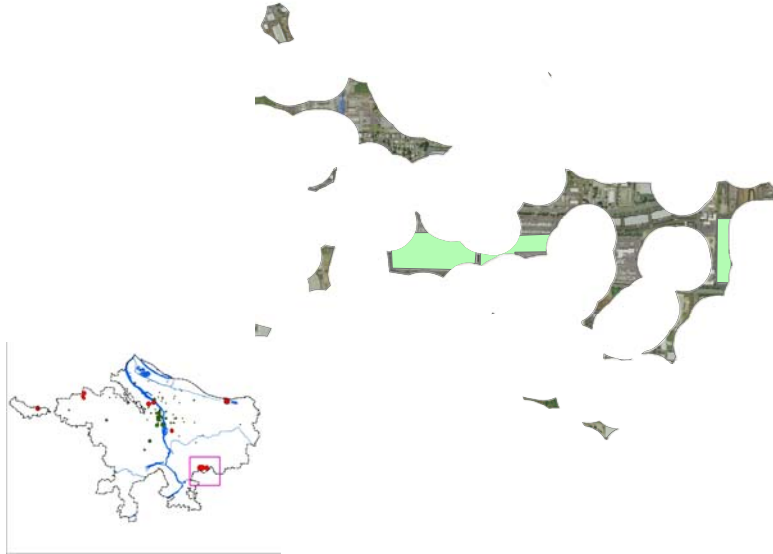
Proposed New Roof Areas



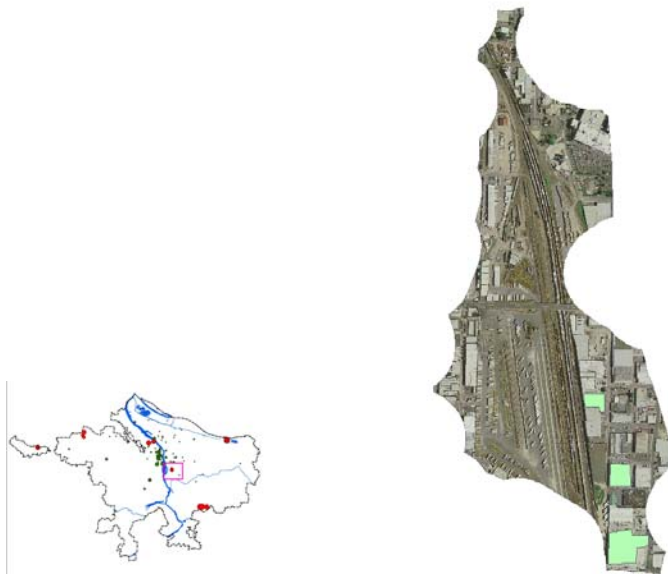
Proposed Green Roof Locations

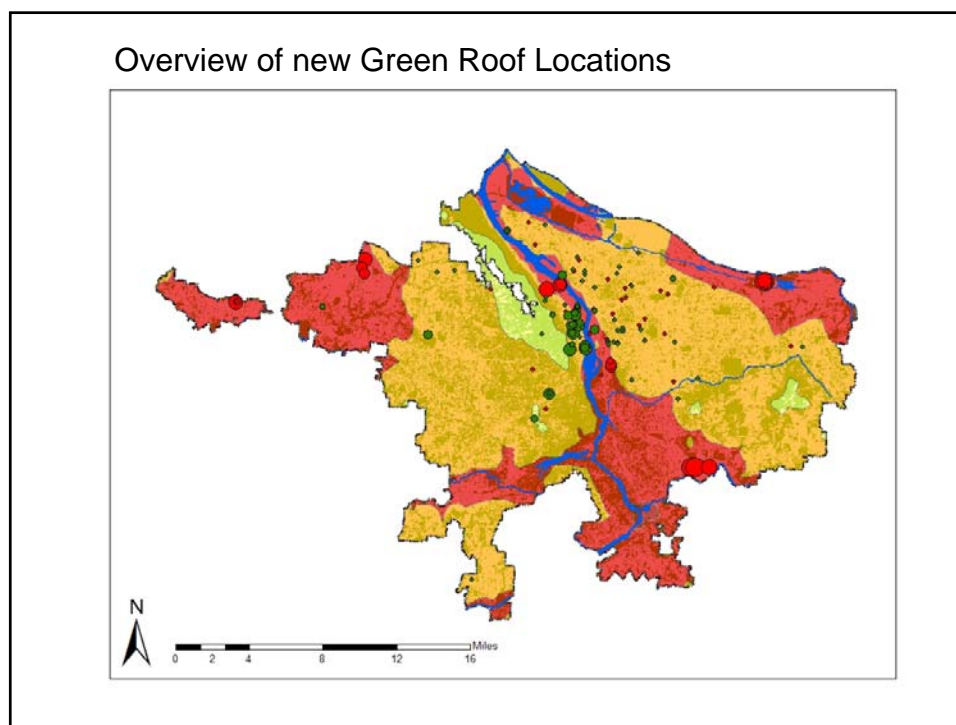
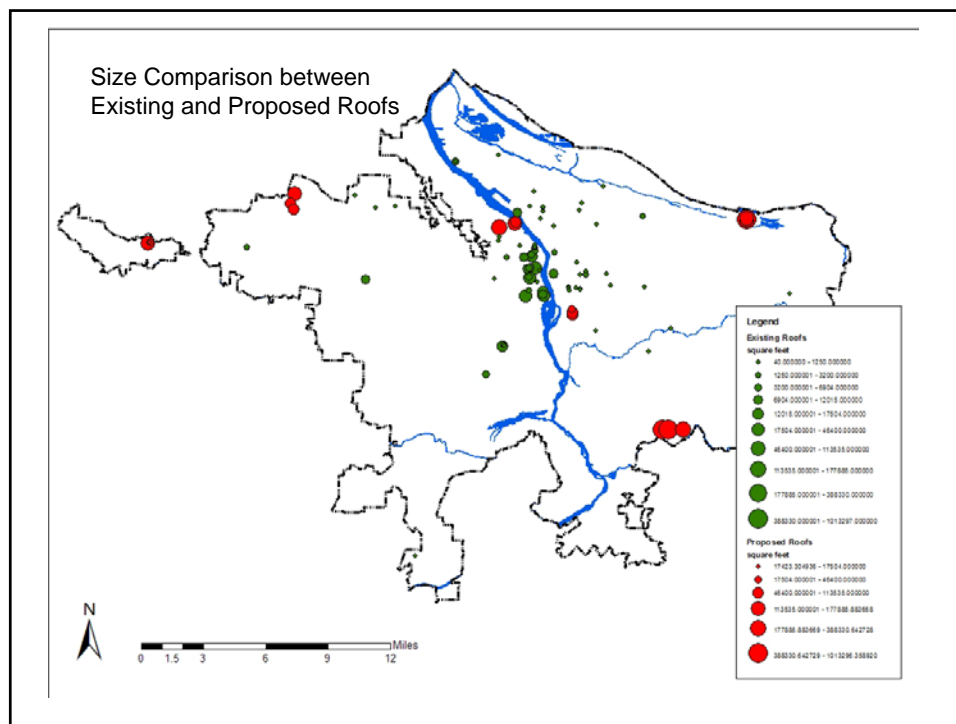


Proposed Green Roof Locations



Proposed Green Roof Locations







Further Considerations

- Building ownership
 - City owned
 - Incentives for commercial building owners
 - Residential awareness
 - Industrial?
- Structural compatibility of proposed new green roof sites
- Propose new bioswale sites



Questions?