

GIS II GRAD-PROJECT

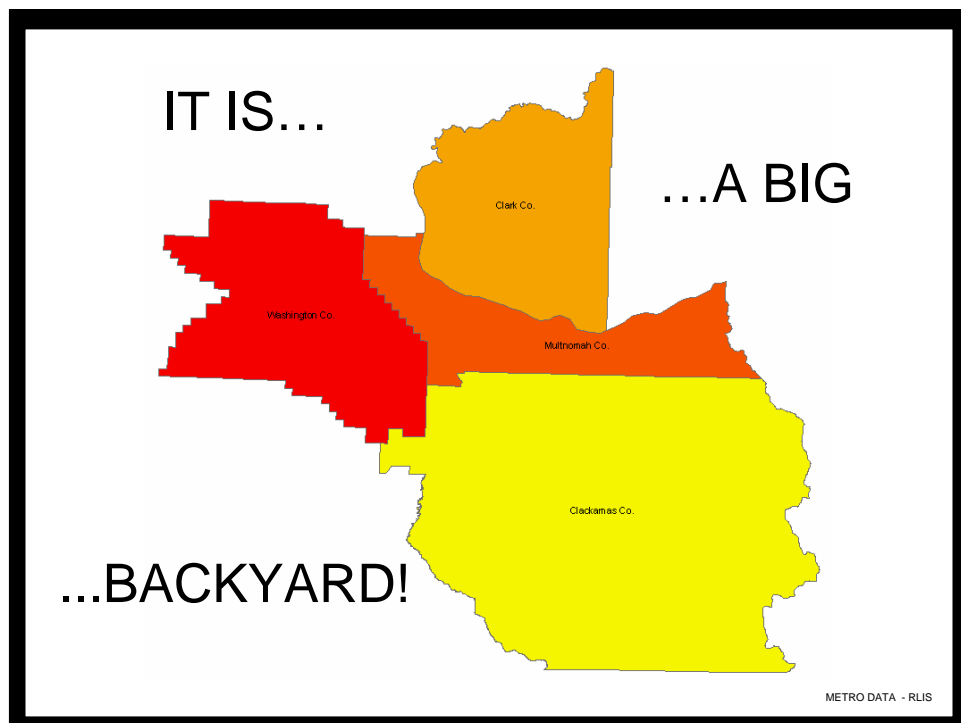
Dedicated To
Christine Boschiero

BY
Krisstina Wright-Dailey : Belinda Beller

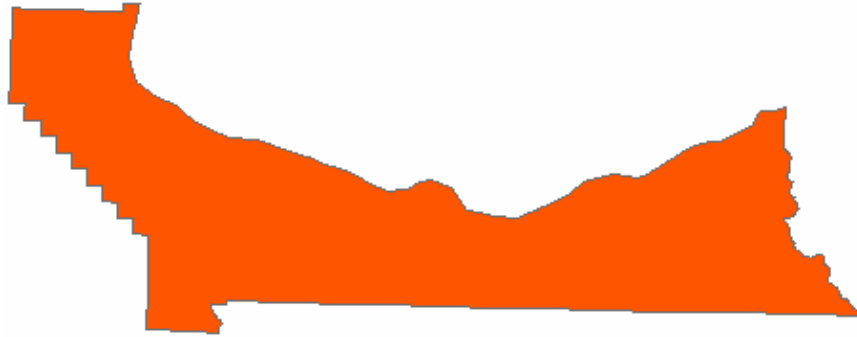
CAN I GO PLAY?

DAD WOULD LET ME...

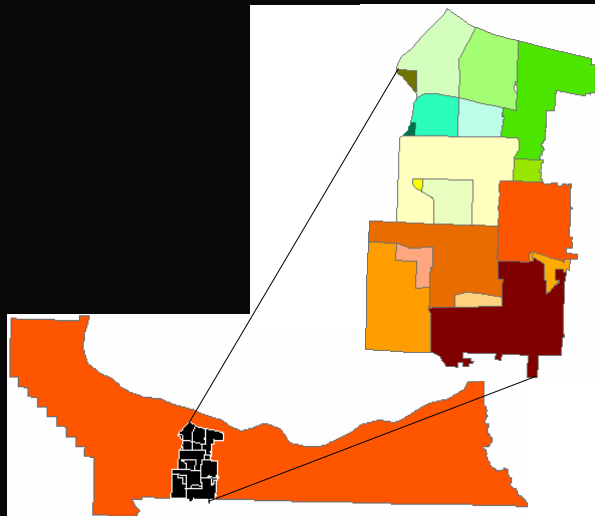
WHERE ?



Multnomah County



Outer SE Neighborhoods



OUTER SE NEIGHBORHOOD PARKS



Portland Parks & Recreation

STUDY SITE - CRITERIA

- Multnomah County
- Outer SE (NNE,SNE)
- 18 Neighborhoods
- Parks
- Churches
- Public Schools
- Private Schools
- Alternative Schools
- Excluded Cemeteries
- Permanent Play Structure
- Alternative Amenities
- 0 To 5 years young
- Parent/ Guardian
 - Walk - Bike - Stroller -
 - Jog - Roller Blades
- K To 5th grades
- K To 8th grades (2)
- Half Mile < to get to
- Up Hill Both Ways

Amenities

- Restrooms
- Bike / Hiking
- Disability Access
- Paths Paved / Unpaved
- Permanent Play Structure
- Pool / Water Feature
- Dogs Allowed / Run
- Basket Ball Court
- Football Field
- Soccer Field
- Tennis Court
- Soft Ball Field
- Base Ball Field
- Frisbee / Tournament
- Horseback Riding
- Picnic Tables
- Gardens
- Refuge

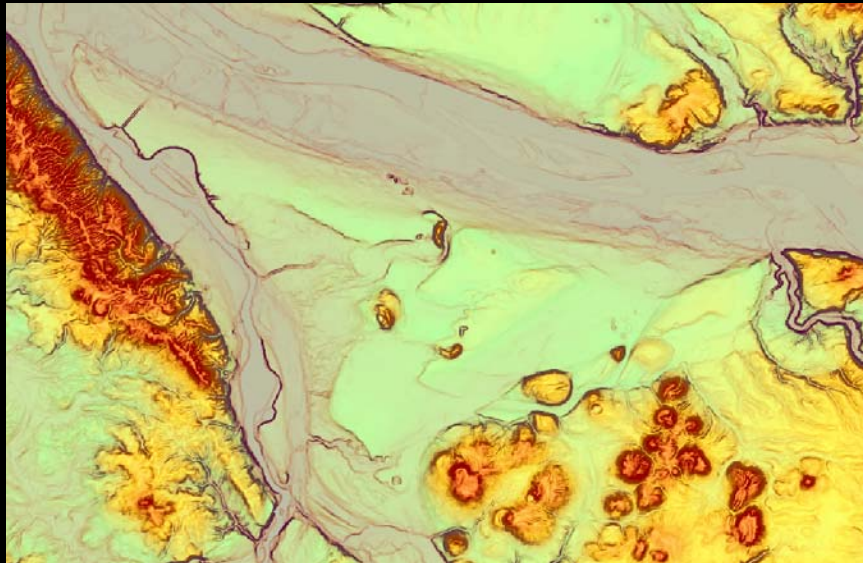
Data Sets and Layers

- Oregon Spatial Data Clearing House
- U.S.G.S.
- U.S. Census Bureau
- RLIS – Metro
- Portland Parks and Recreation
- Melissadata.com
- ArcView
- Thematic Contours
- Seamless DEM
- Pop 2000 – 0 To 19
- County Shape
- Neighborhood Shape
- Parks/ School Shape
- Play Structure Search
- Demographic Data
- Arc HELP on line

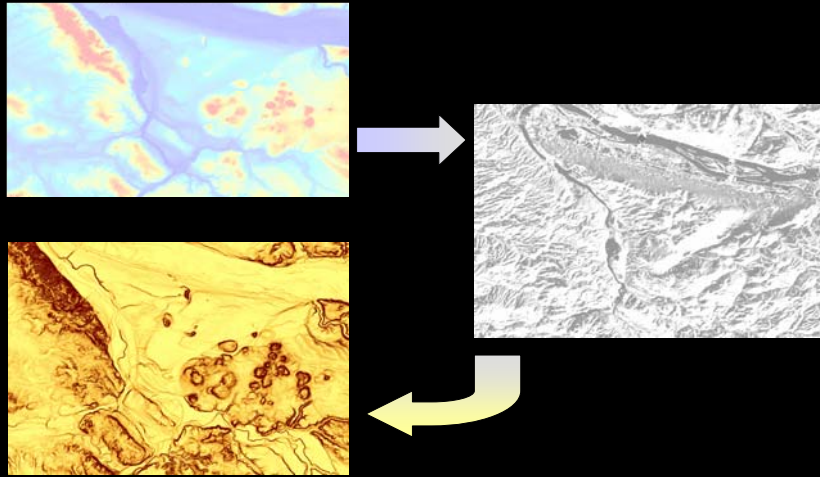
METHODS

- Spatial Analysis Tools
 - Slope
 - Projection
 - Reclassify [AH]
 - Analytical Hillshade
 - Extract > Clip
 - Buffer
 - Spatial Join
 - Straight-line Distance

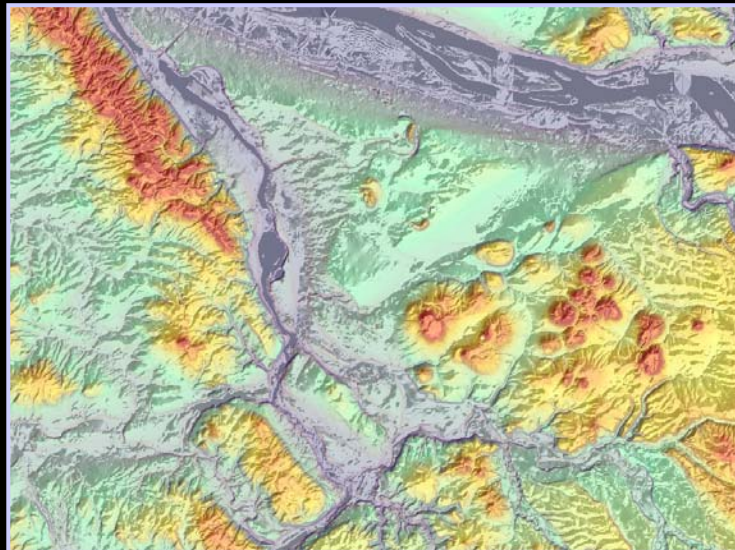
WILLAMETTE VALLEY DEM & SLOPE



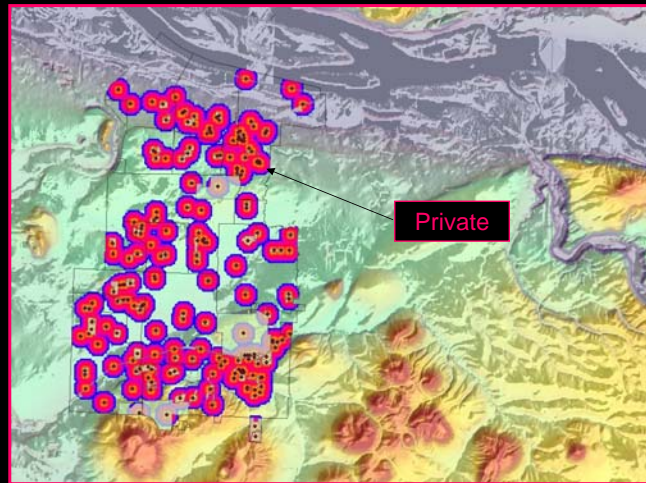
DEM + HILLSHADE + SLOPE



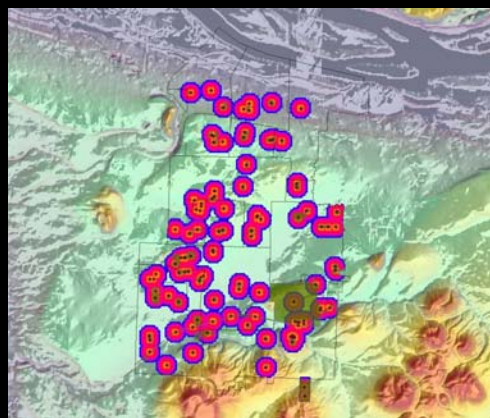
Credible Topology Map



Distance From Parks



Parks - Permanent Structure Outer South East Portland



Quarter Mile Buffer

