

Stakeholder Workshop: Tygart Valley Watershed November 13, 2013

Tygart Valley River Watershed

- Watershed Overview
- 2. Current Condition Results Streams, Wetlands, Uplands
- Consolidated Analysis Results
 - Threats, Opportunities
- 4. Web Map Tool Demo
 - Potential Use Scenario

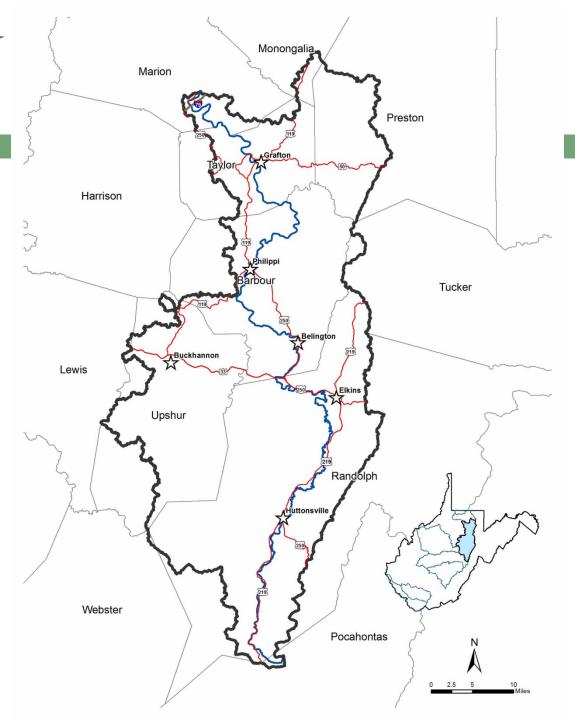
Tygart Valley Watershed

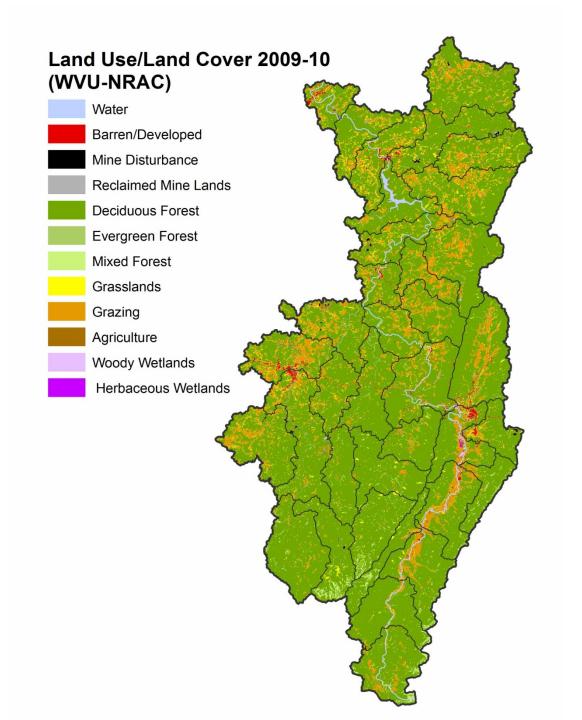
Watershed Overview:

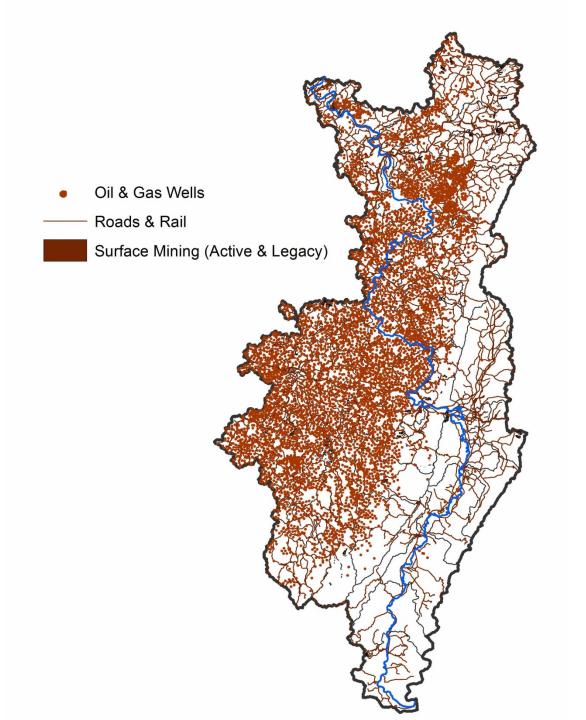
Counties

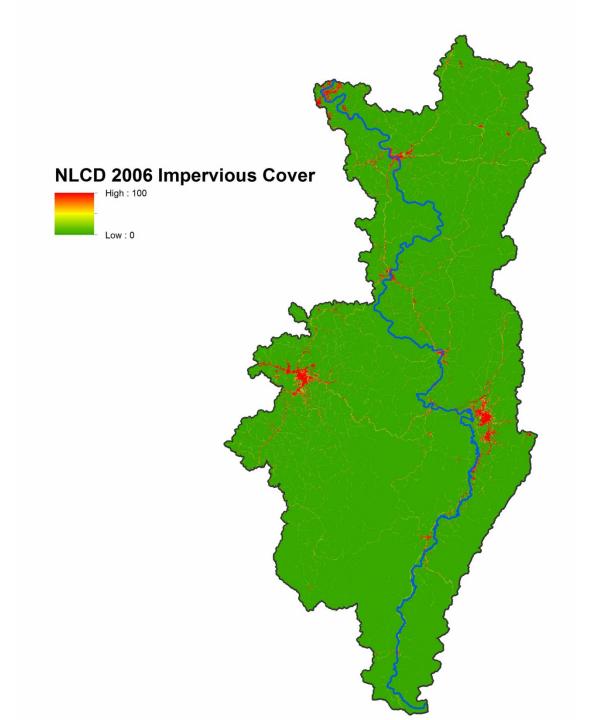
Towns

Major Roads

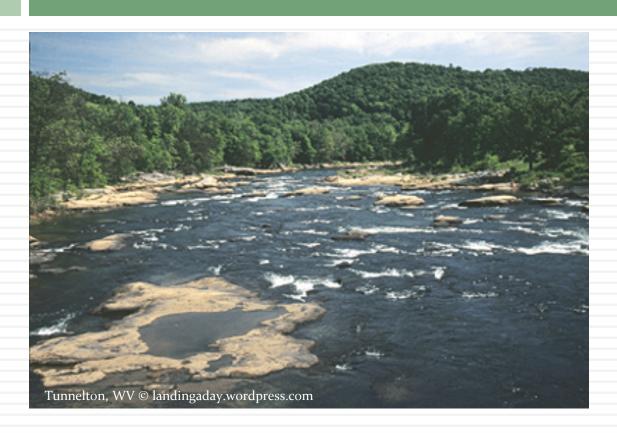


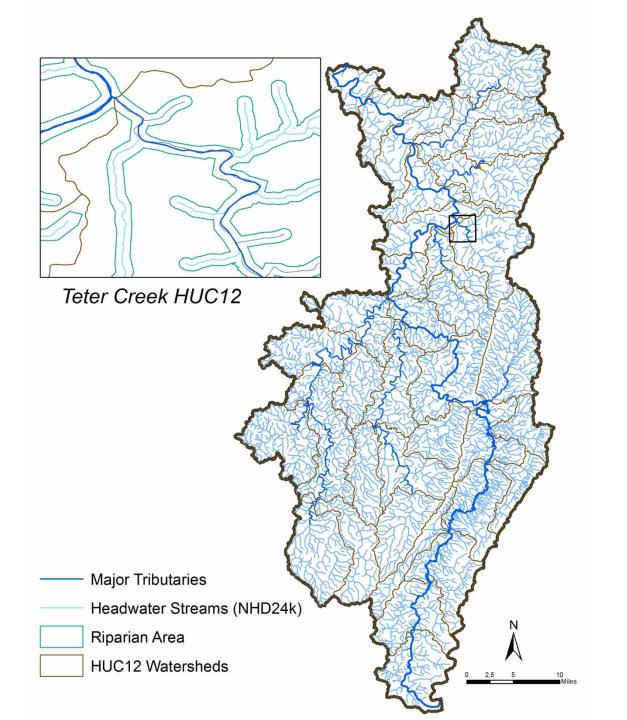


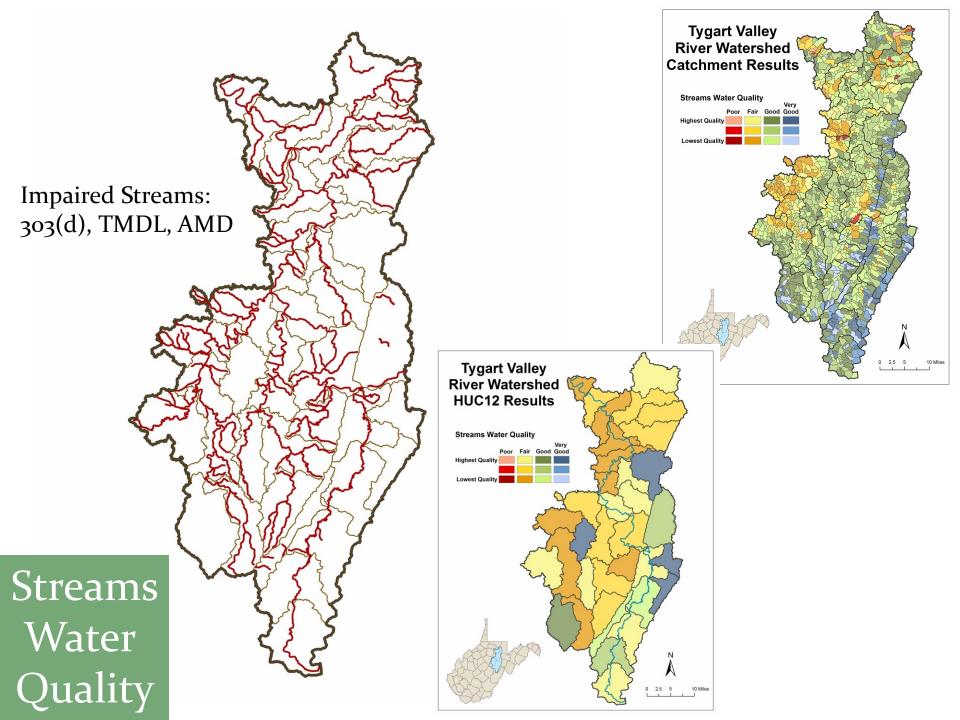


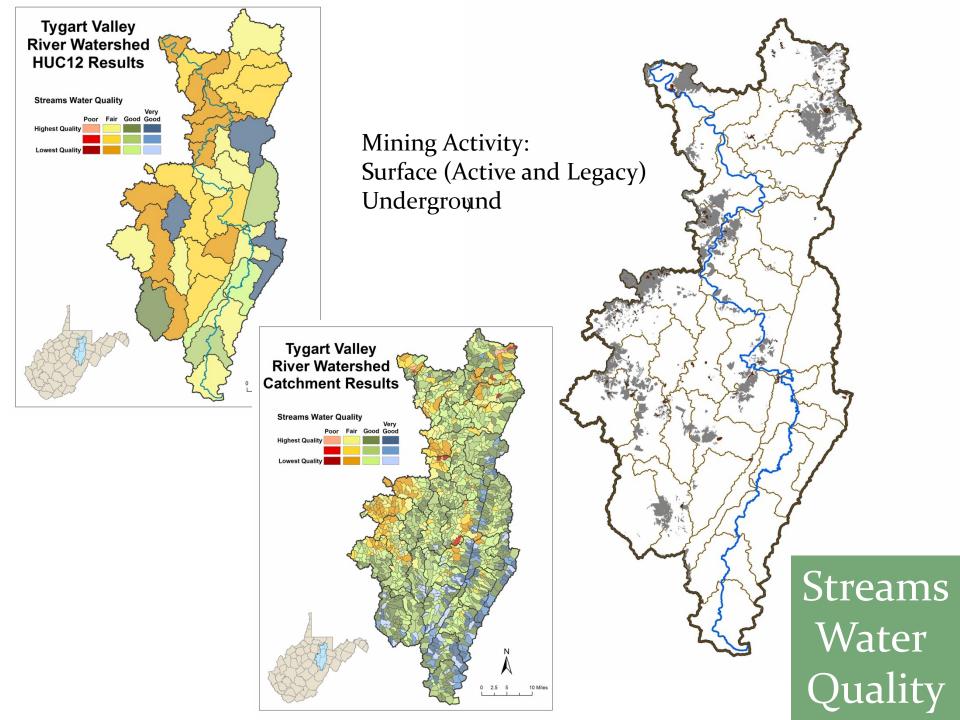


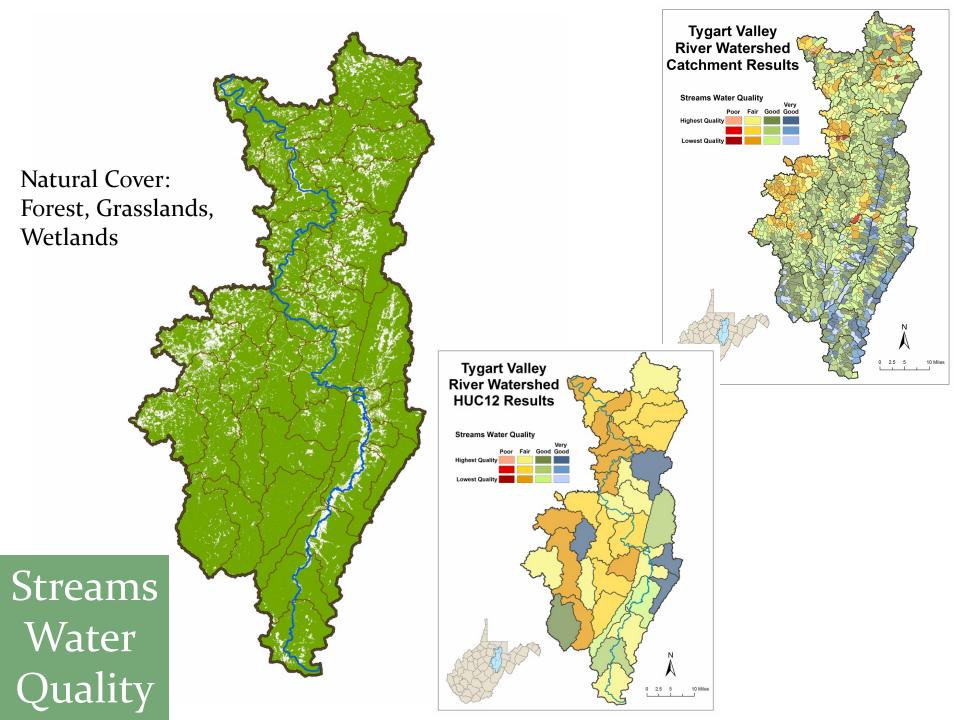
Tygart Valley Watershed: Streams

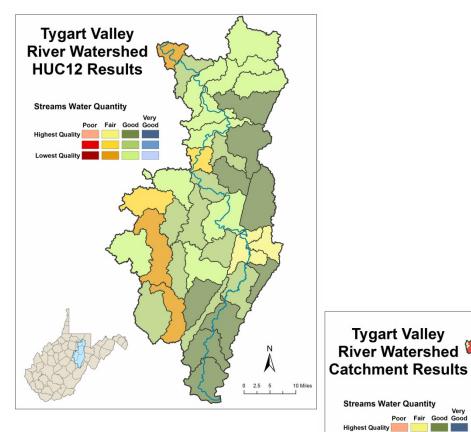






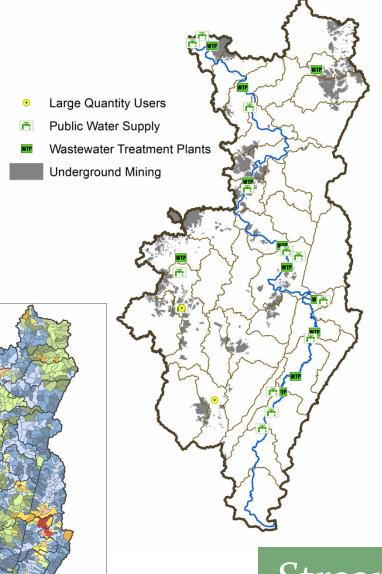




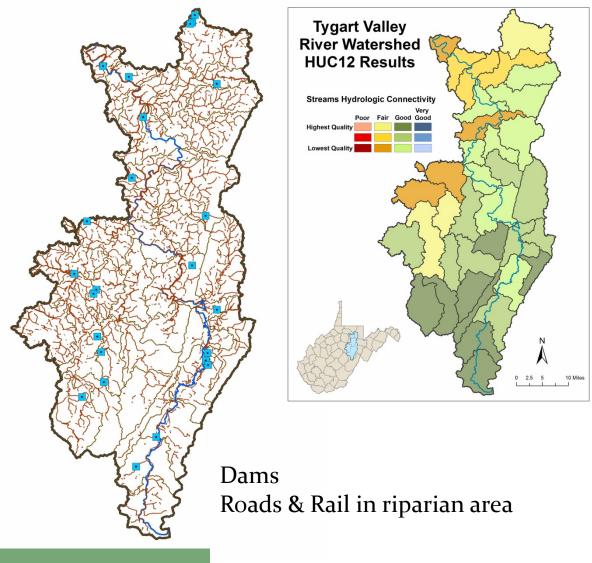


Streams Water Quantity

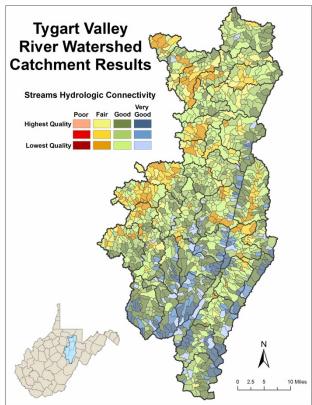
Highest Quality Lowest Quality

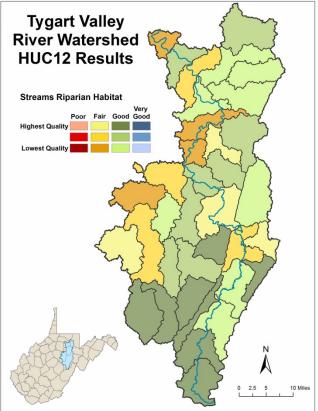


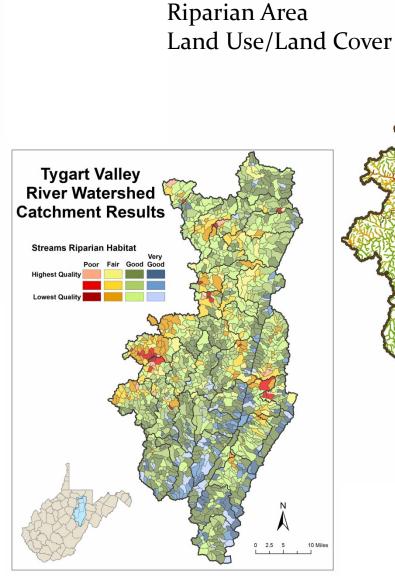
Streams Water Quantity



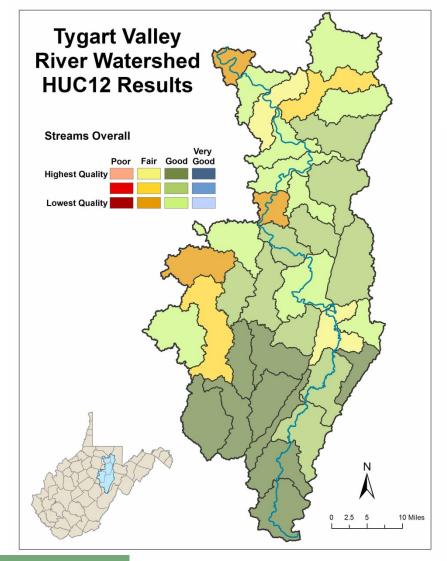
Streams
Hydrologic
Connectivity



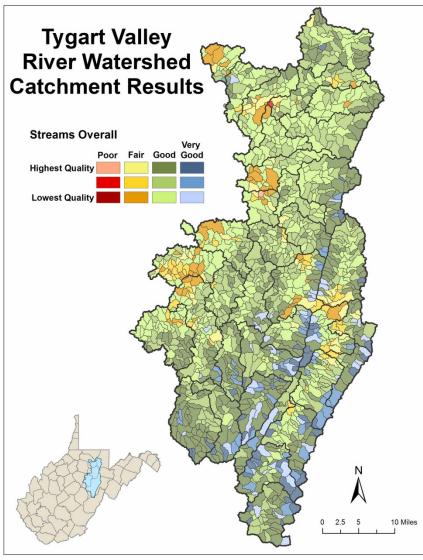




Streams Riparian Habitat

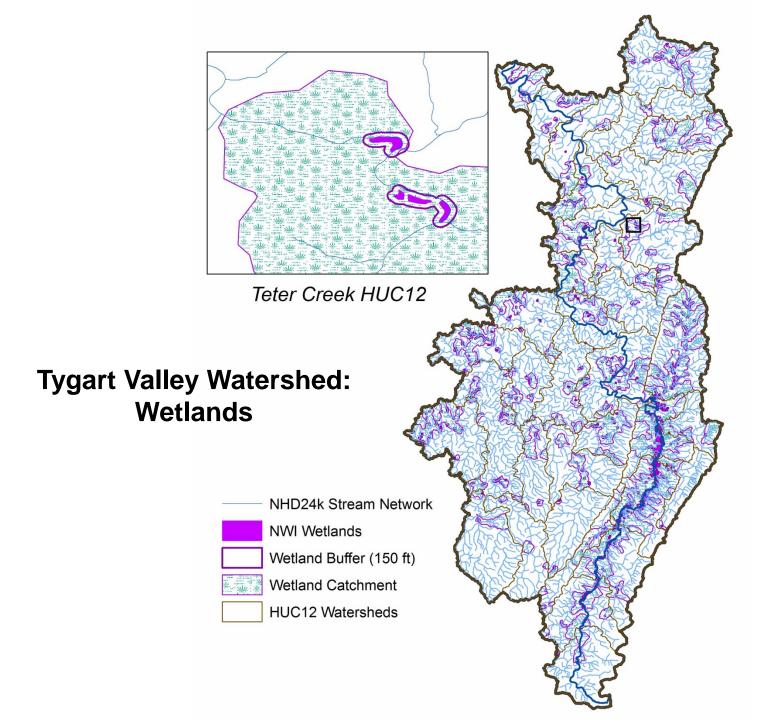


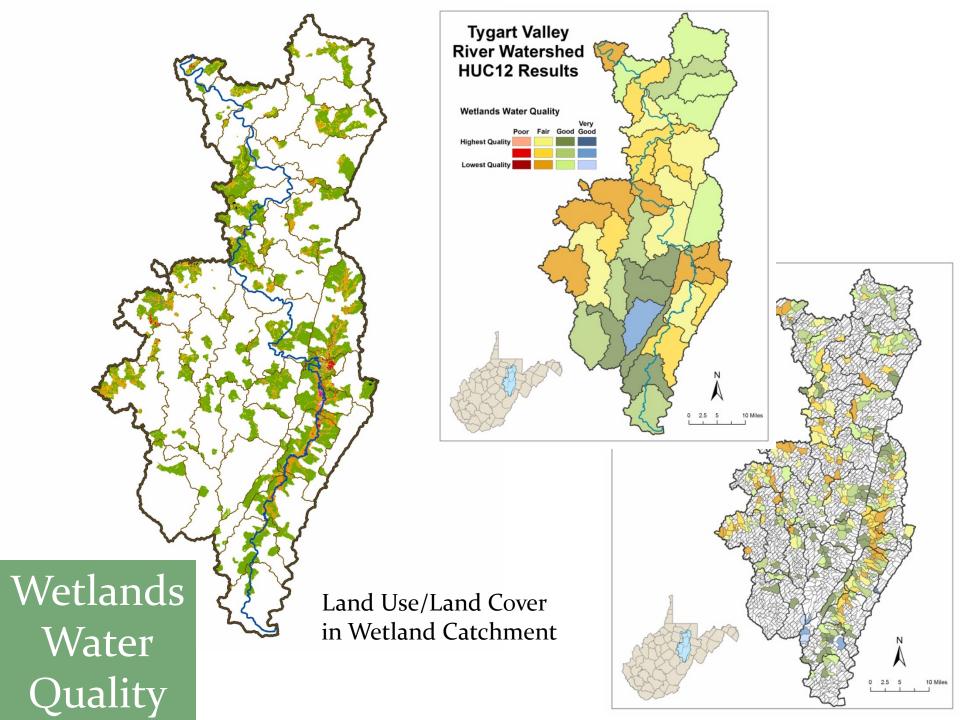


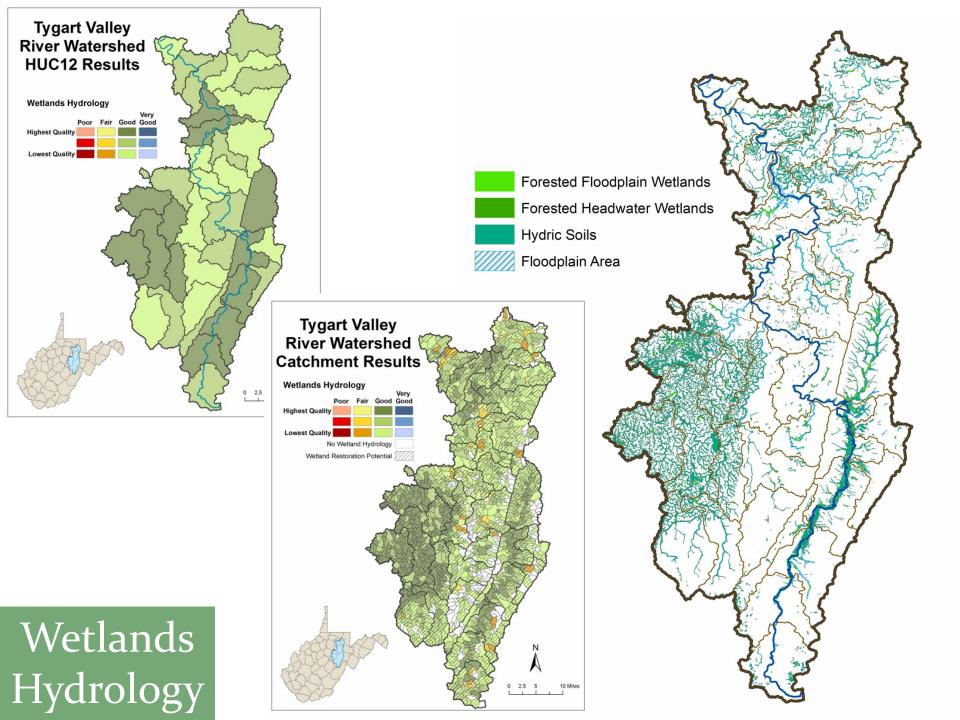


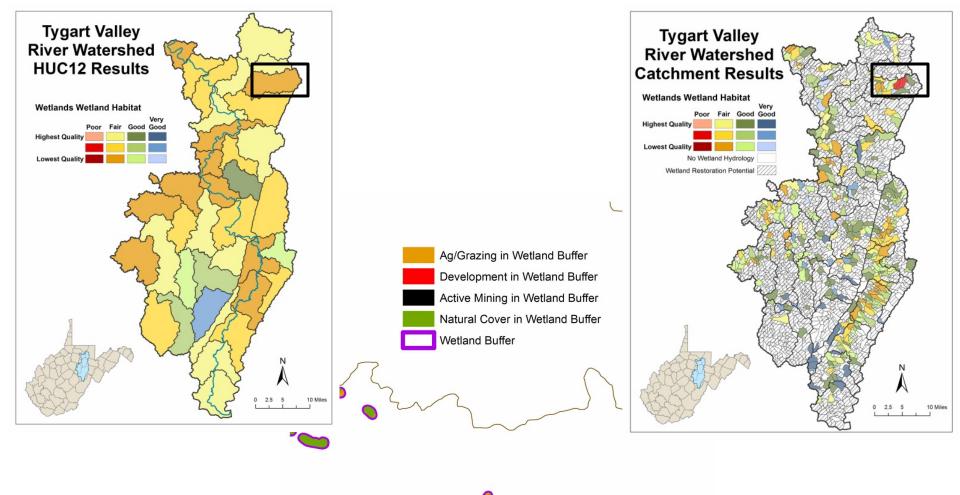
Tygart Valley Watershed: Wetlands



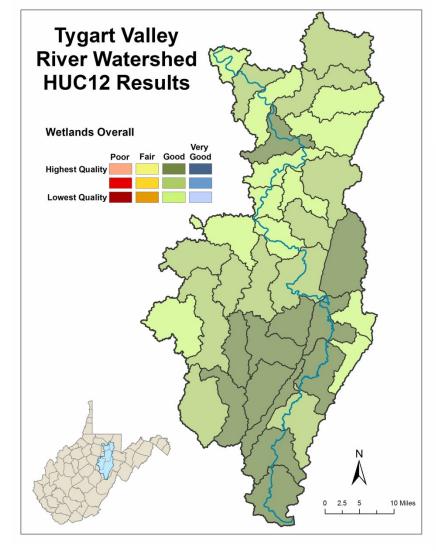




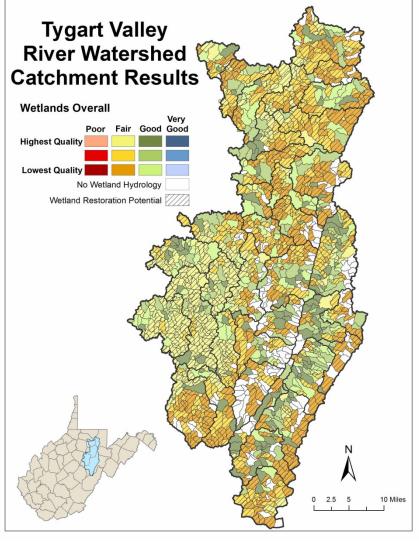




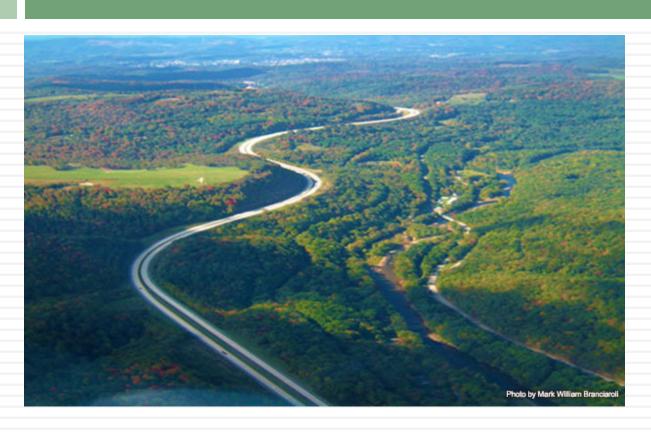
Wetlands Wetland Habitat

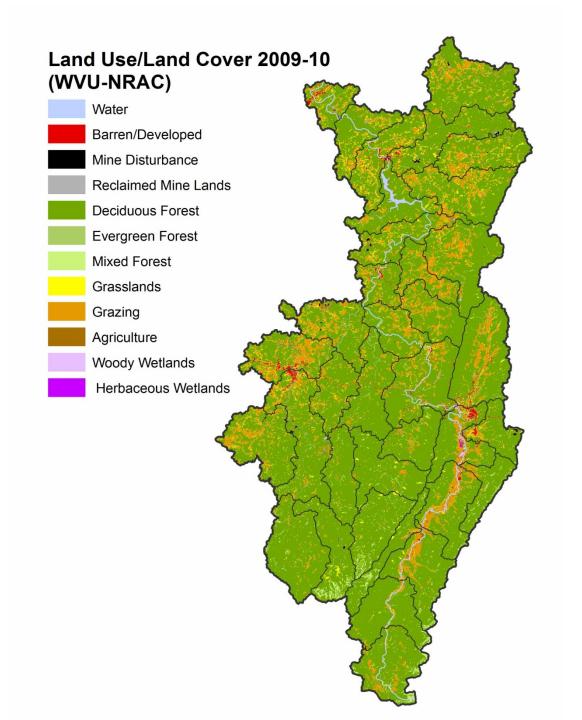


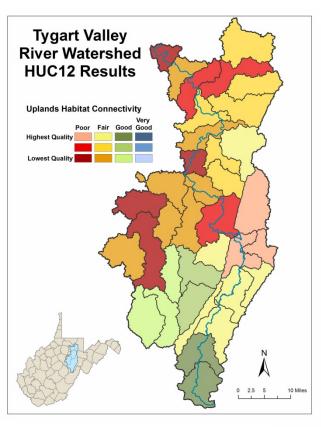


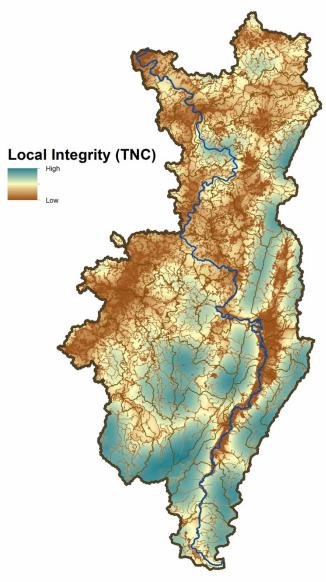


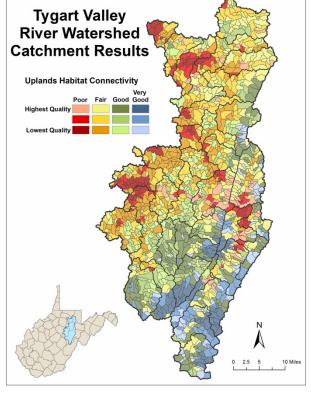
Tygart Valley Watershed: Uplands



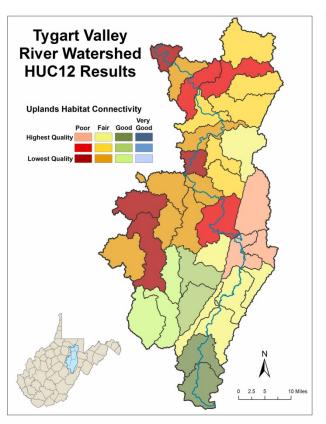


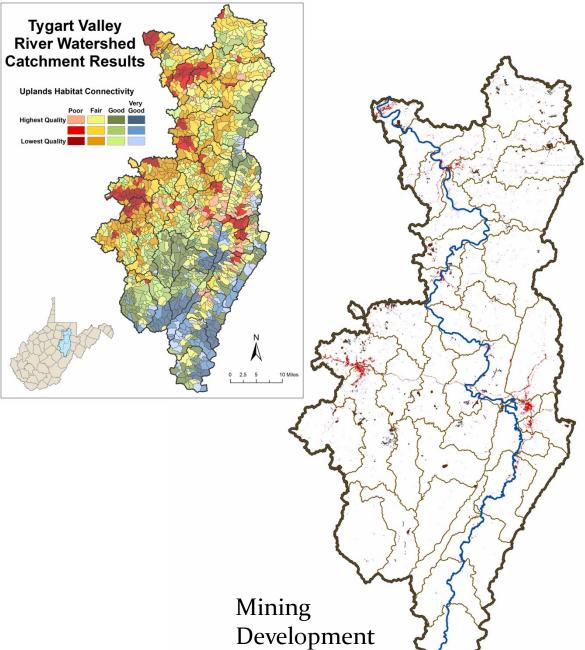




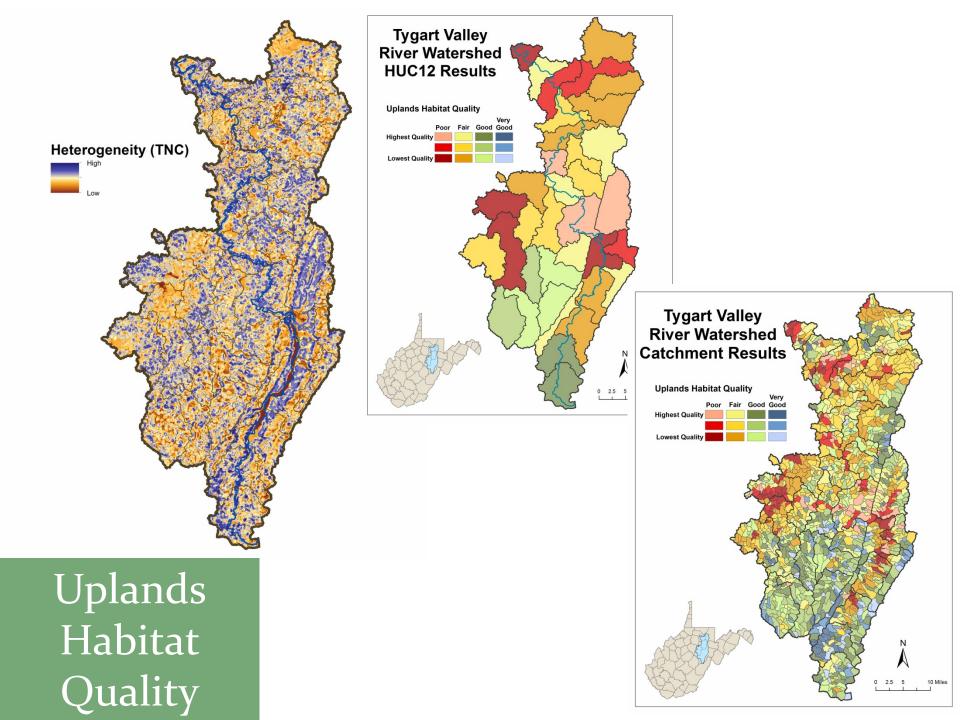


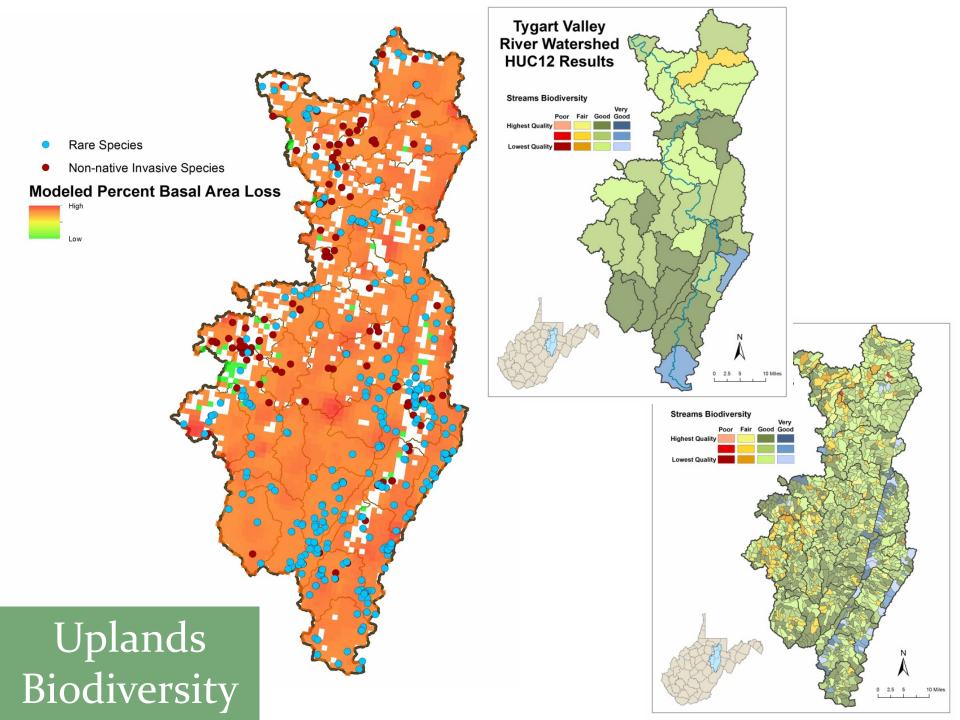
Uplands
Habitat
Connectivity

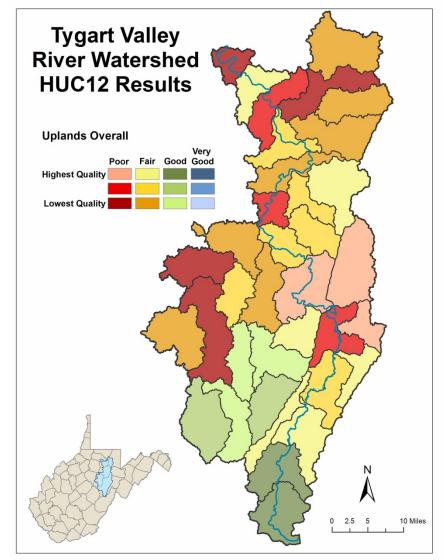




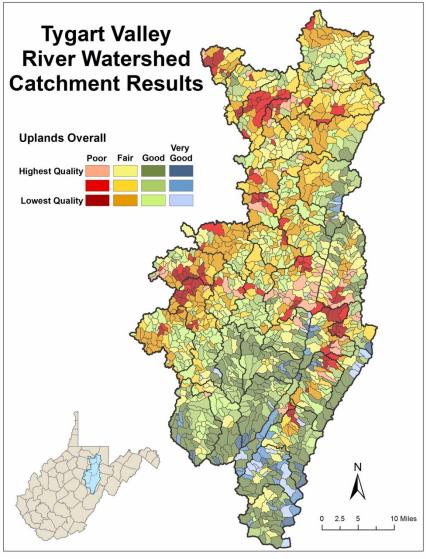
Uplands
Habitat
Connectivity













COMMENTS/QUESTIONS?

Tygart Valley Watershed: Consolidated Analysis



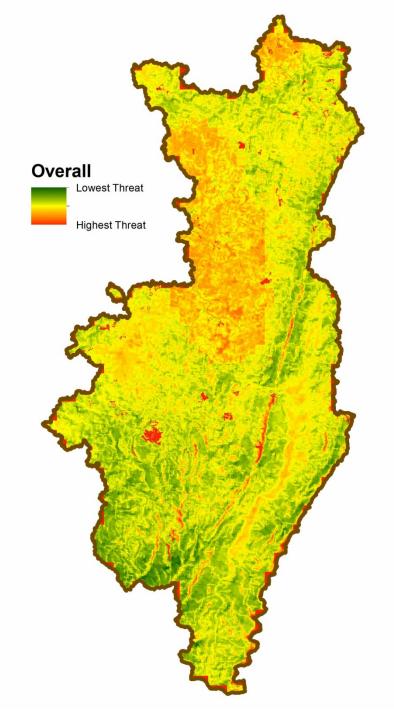
Energy:

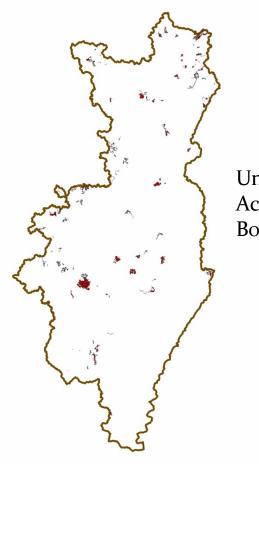
Unmined coal
Marcellus shale thickness
Wind development potential
Proposed transmission lines
Geothermal development potential
Population/Development:
Population projections

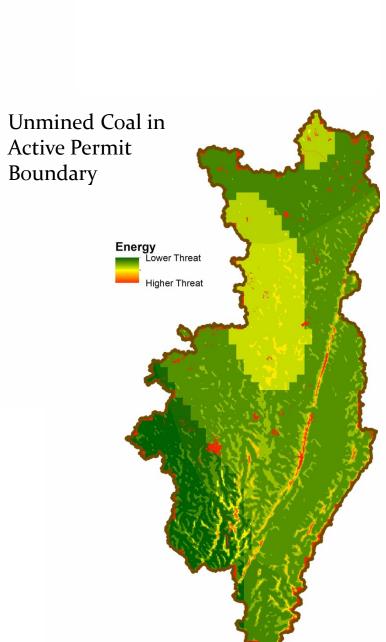
Climate Change:

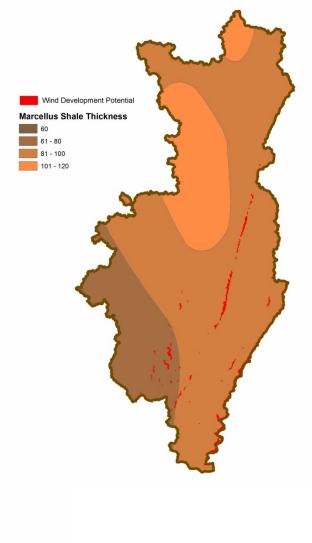
TNC Resiliency model TNC Regional flow model

Consolidated
Analysis
Overall

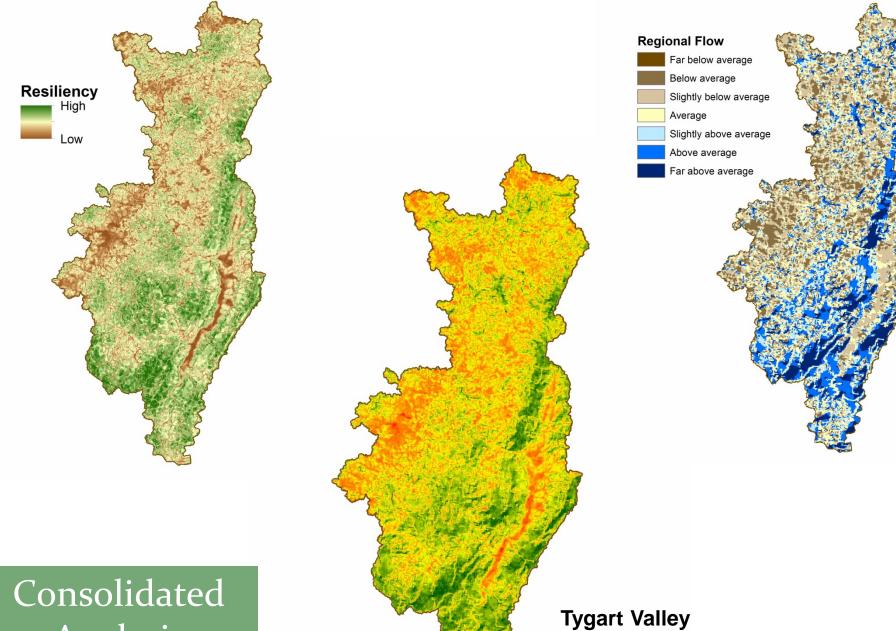






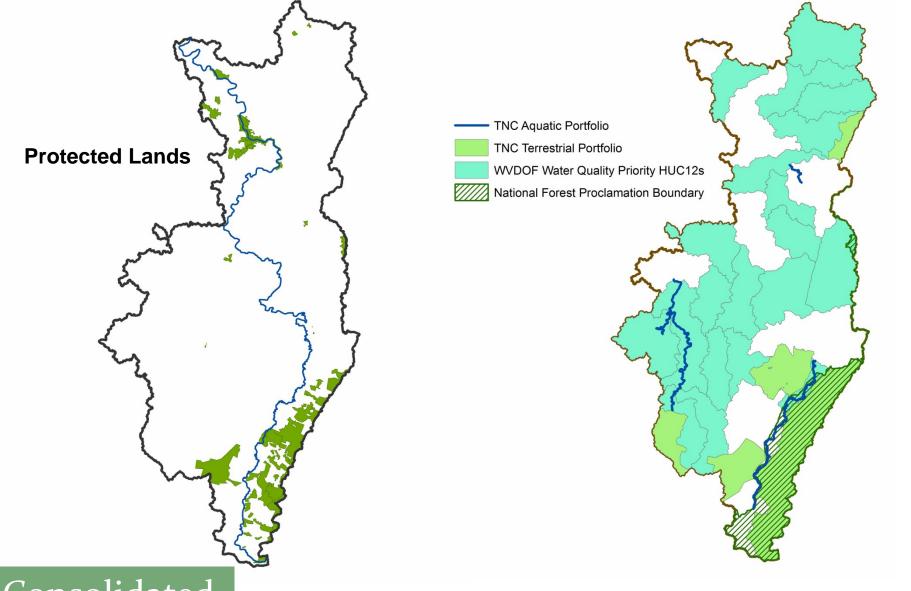


Consolidated
Analysis
Energy



Climate Change Results

Analysis
Climate Change



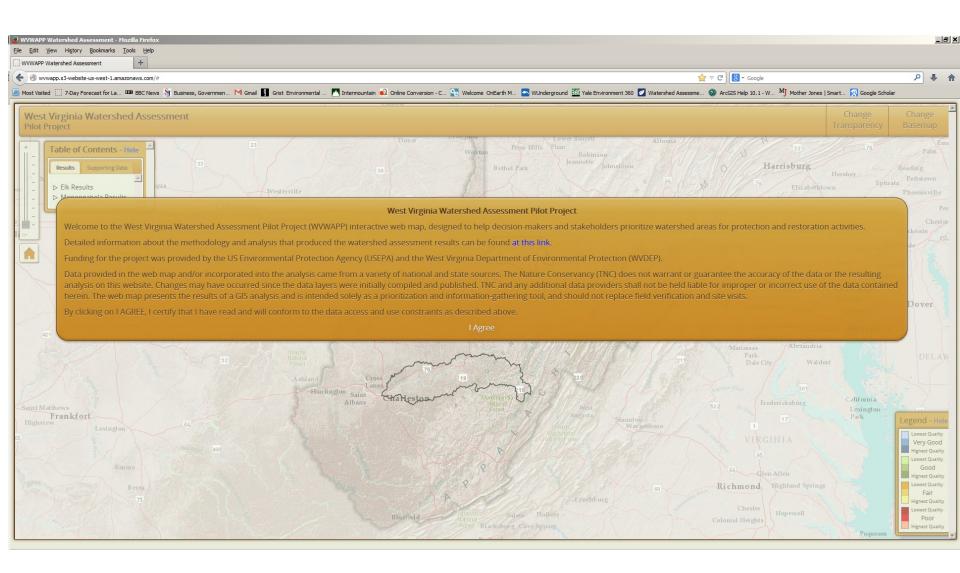
Consolidated
Analysis
Opportunities

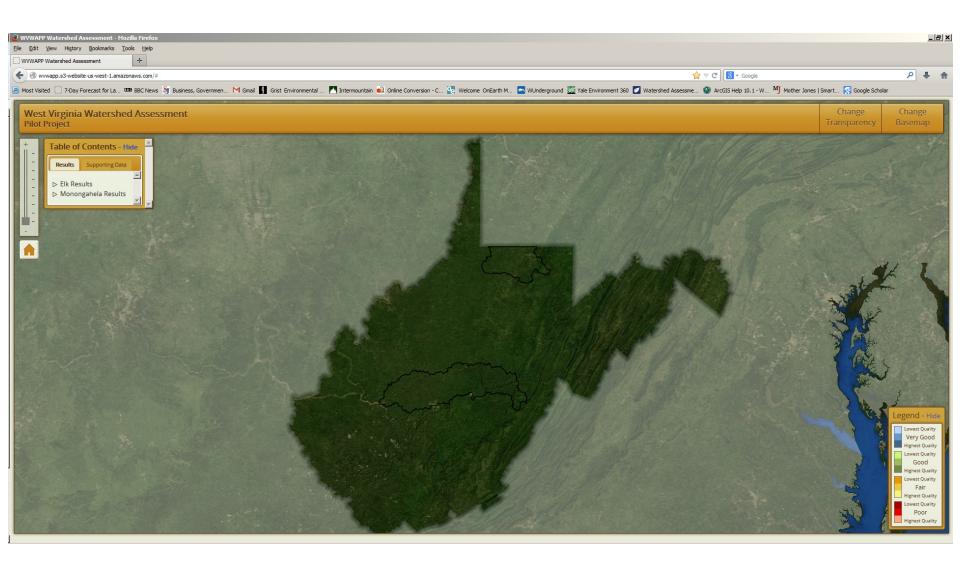
Web Map Tool Demo

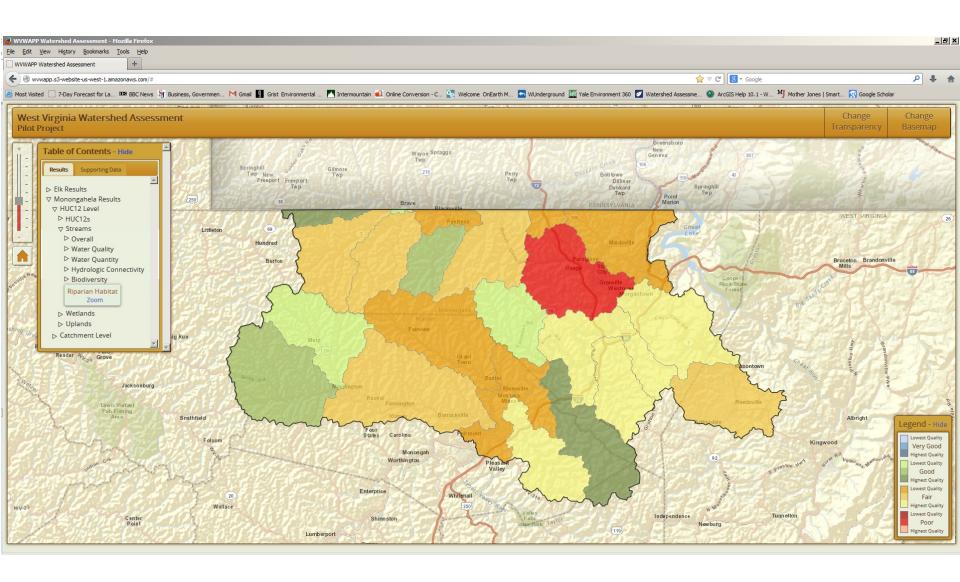


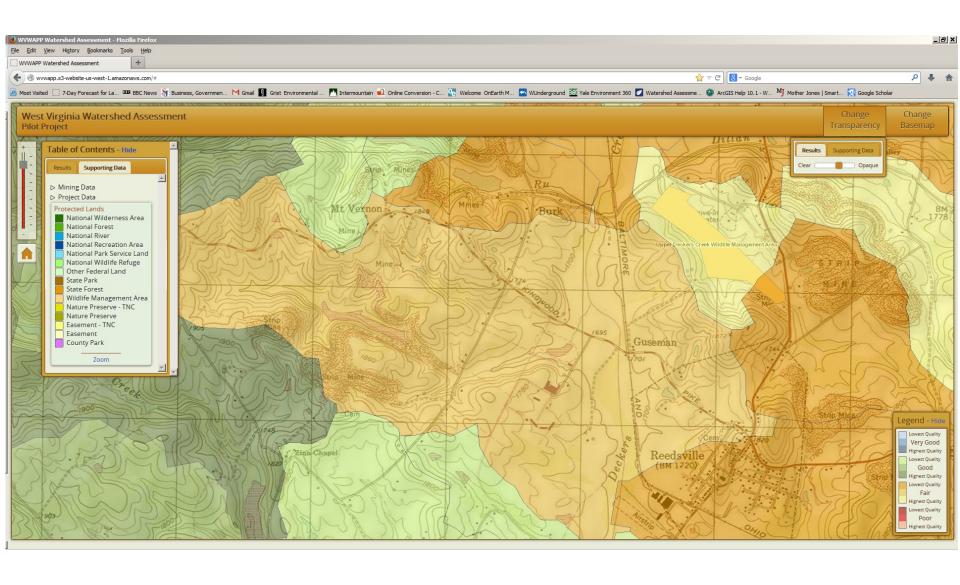
Web Map Base Layers

- 1. Aerial imagery
- 2. Hydrography
- Political boundaries/street maps
- 4. Topographic maps
- 5. Elevation/Shaded relief





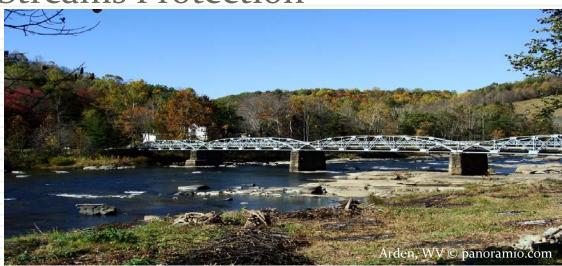


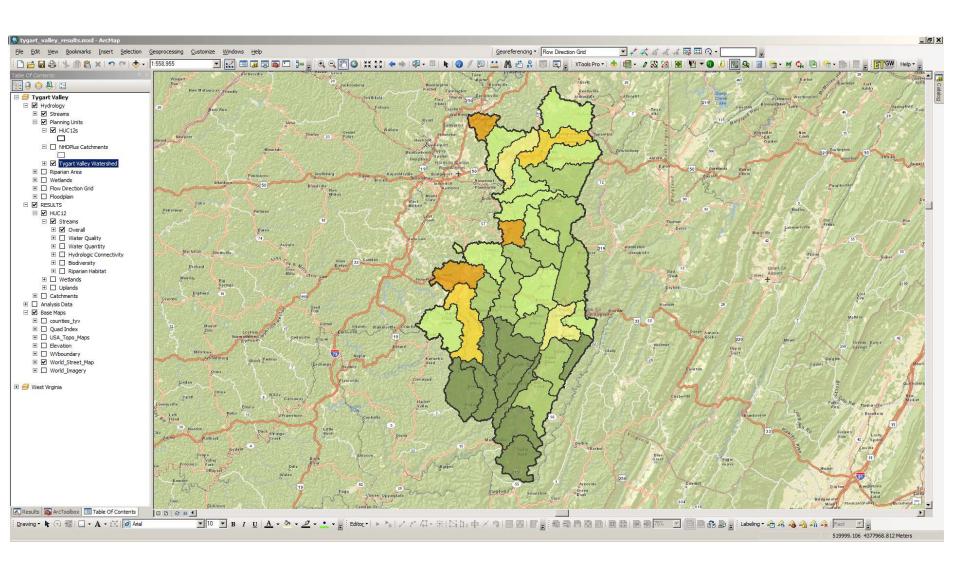


Potential Use Scenario

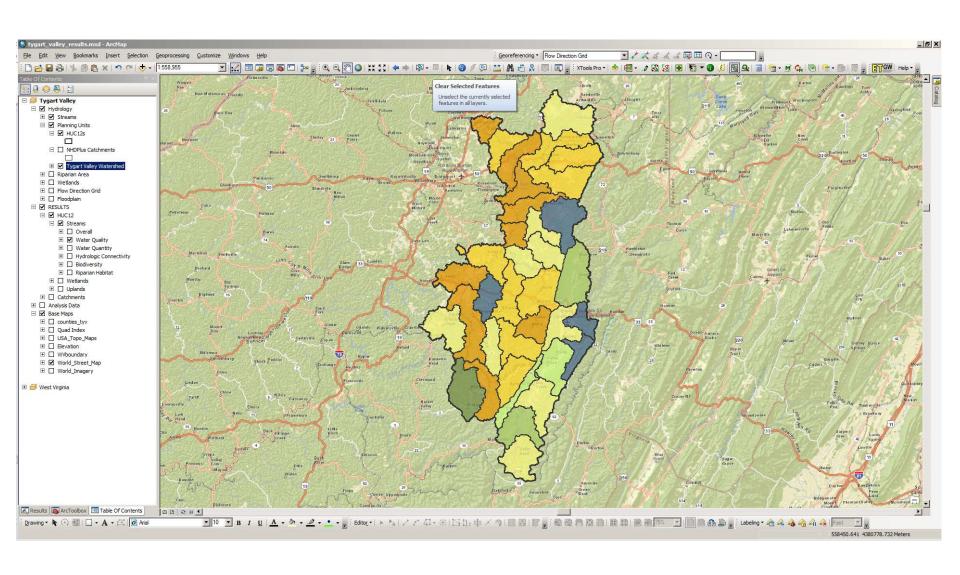
Tygart Valley River Watershed

Streams Protection

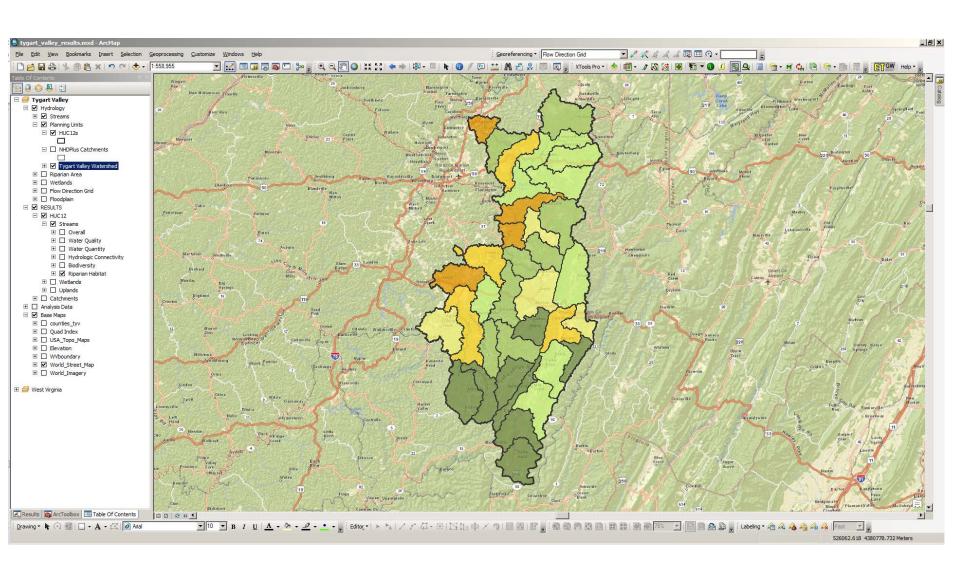




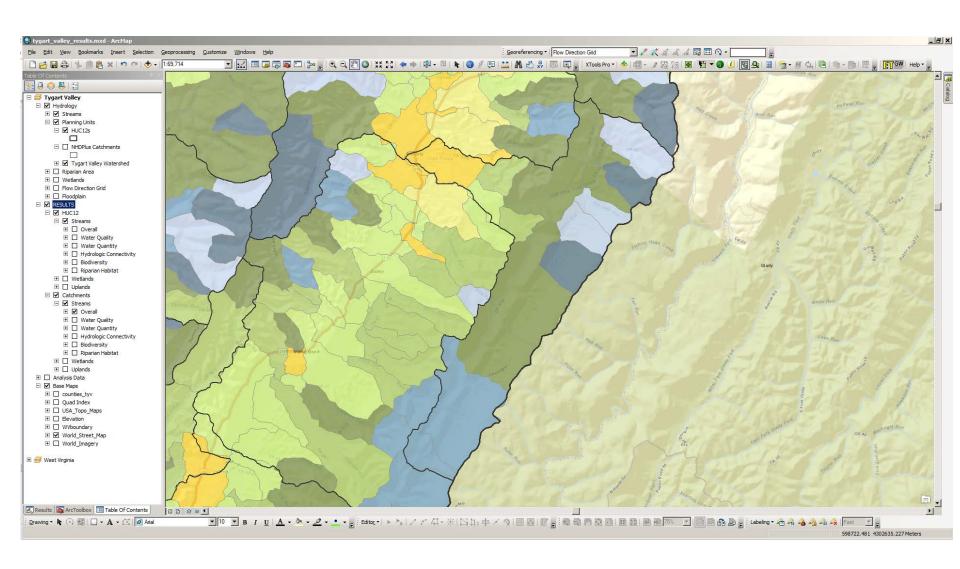
Tygart Valley – HUC12 Level Streams Overall Results



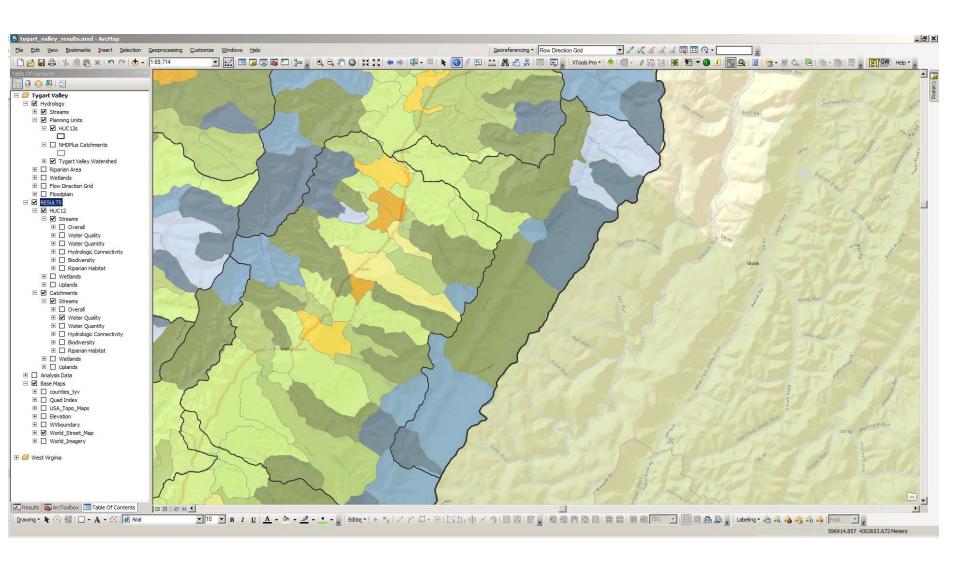
Tygart Valley – HUC12 Level Streams Water Quality Results



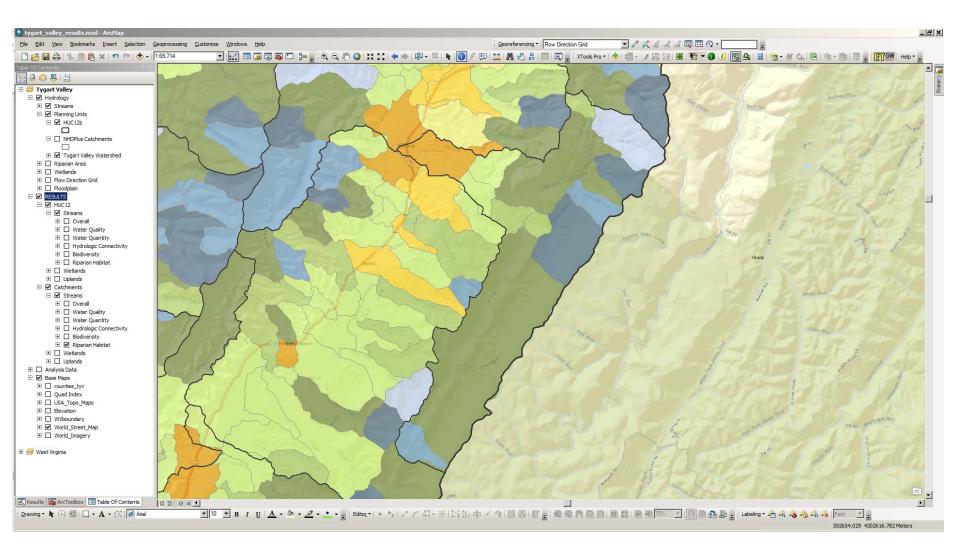
Tygart Valley – HUC12 Level Streams Riparian Habitat Results



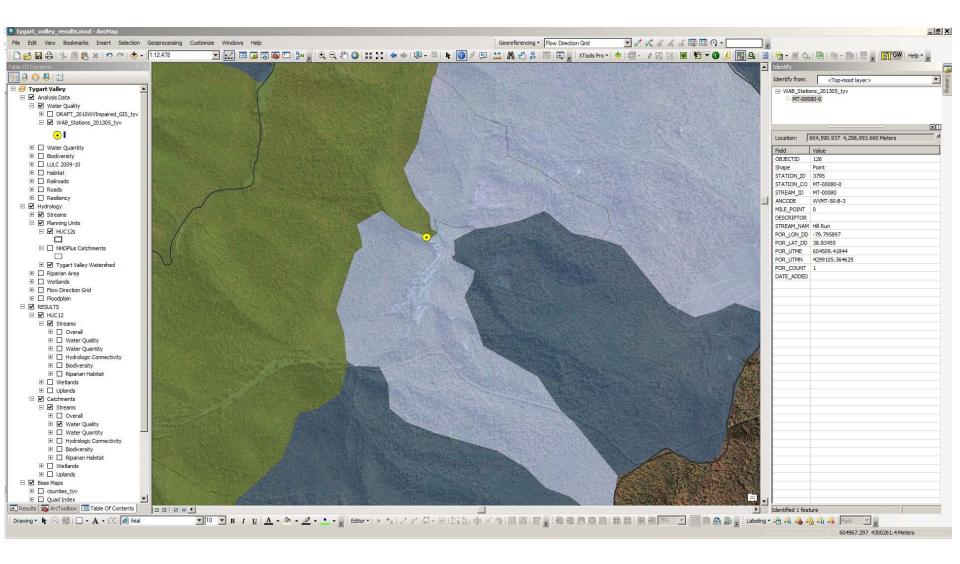
Files Creek – Catchment Level Streams Overall Results



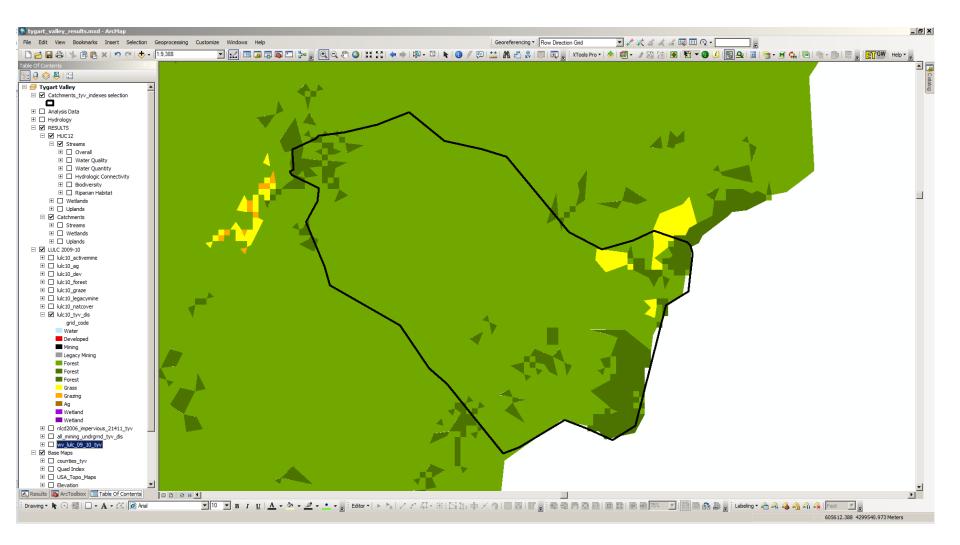
Files Creek – Catchment Level Streams Water Quality Results



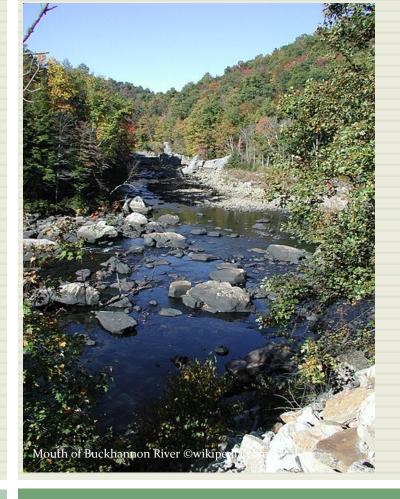
Files Creek- Catchment Level Streams Riparian Habitat Results



Files Creek - Catchment Level Streams Water Quality Results Aerial Imagery, WAB Water Quality Sample Stations



Files Creek – Catchment Level WVU-NRAC LULC 2009-10



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COMMENTS/QUESTIONS?