

North Central Texas



Water Quality Project

**SWAT Modeling of
Proposed BMP Implementation**

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North Central Texas

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Seven Designated BMPs and Estimated Adoption Rates:

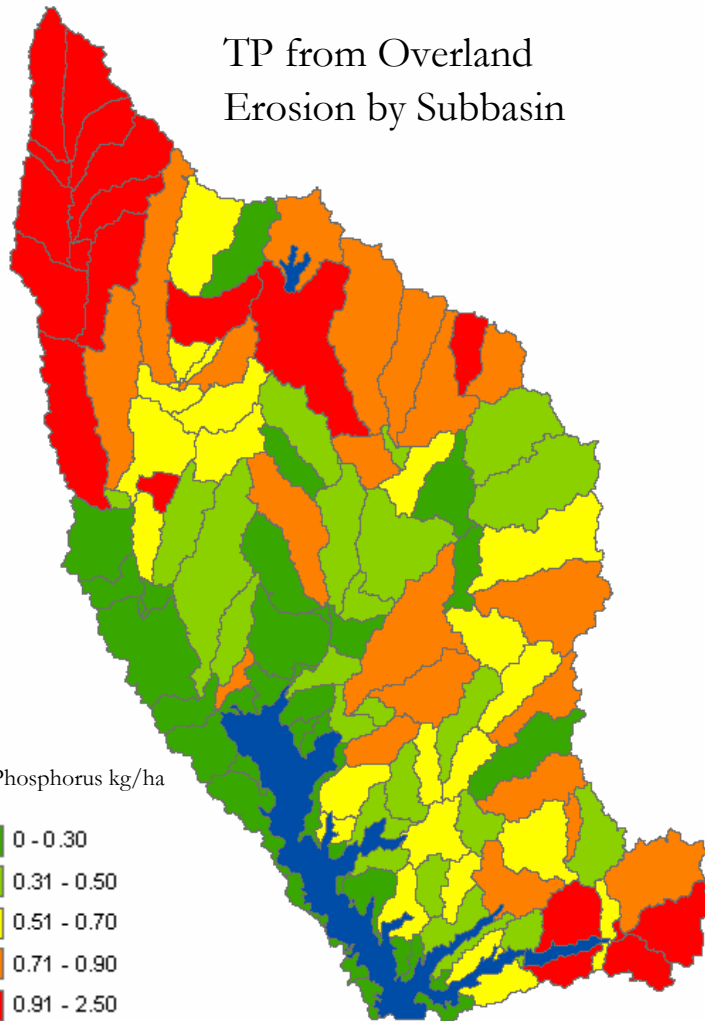
- Filter Strips: 50%
- Graded Stabilization Structures: 100%
- Critical Pastureland Planting: 20%
- Terrace: 15%
- WWTP: 100%
- Conversion Cropland to Grass: 20%
- Prescribed Grazing: 25%

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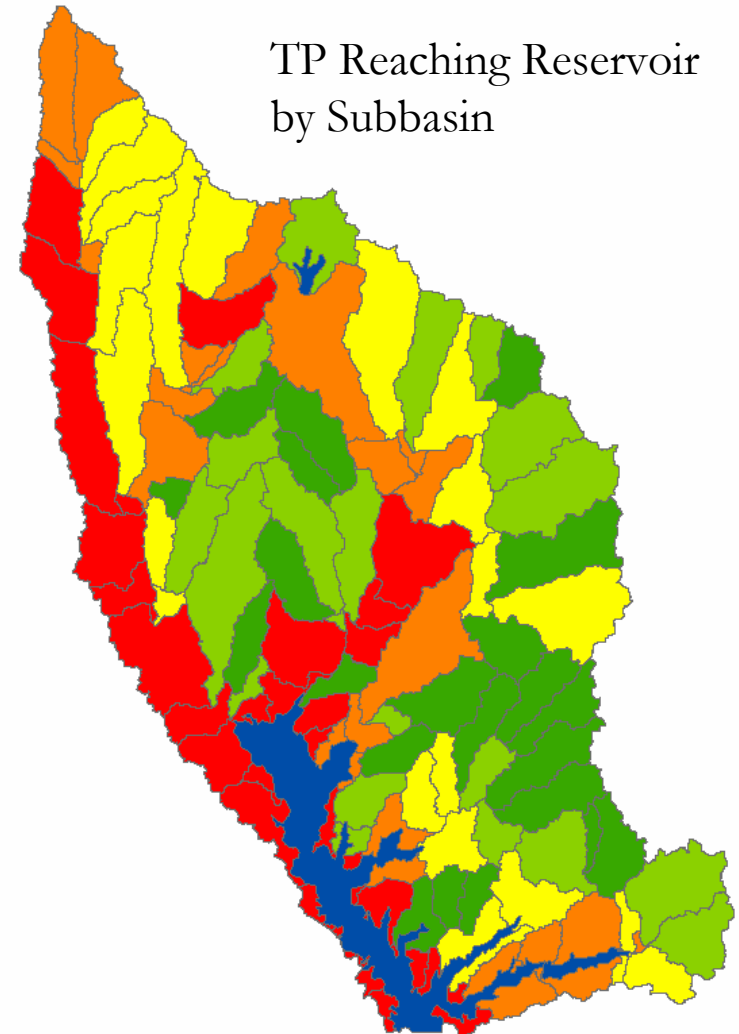
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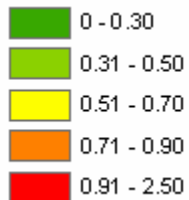
TP from Overland
Erosion by Subbasin



TP Reaching Reservoir
by Subbasin



Total Phosphorus kg/ha

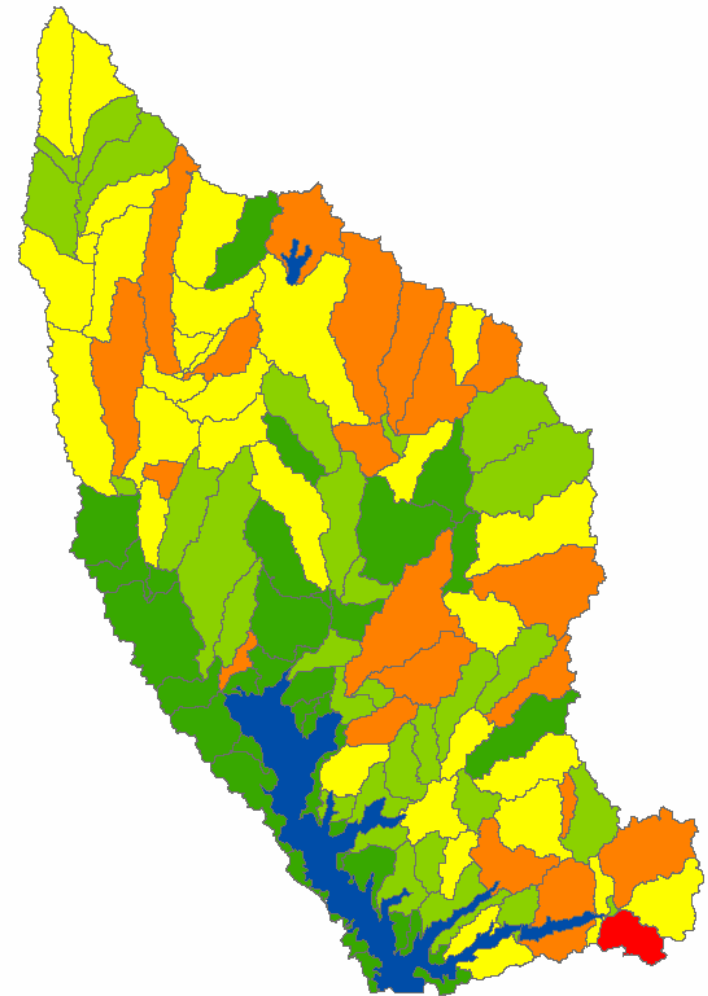
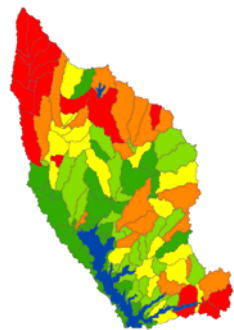


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- Filter Strips 50%

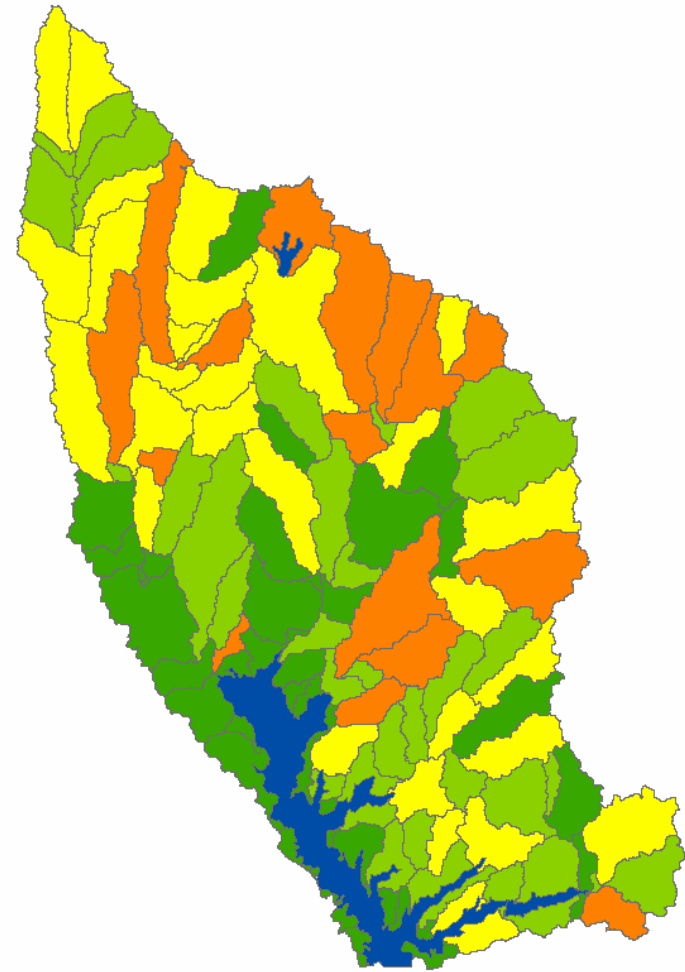
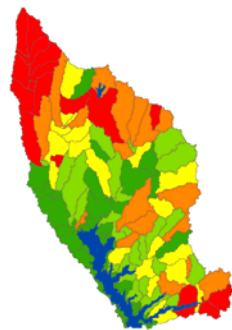


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- Filter Strips 50%
- Grade Stabilization Structures
100% - 33 total

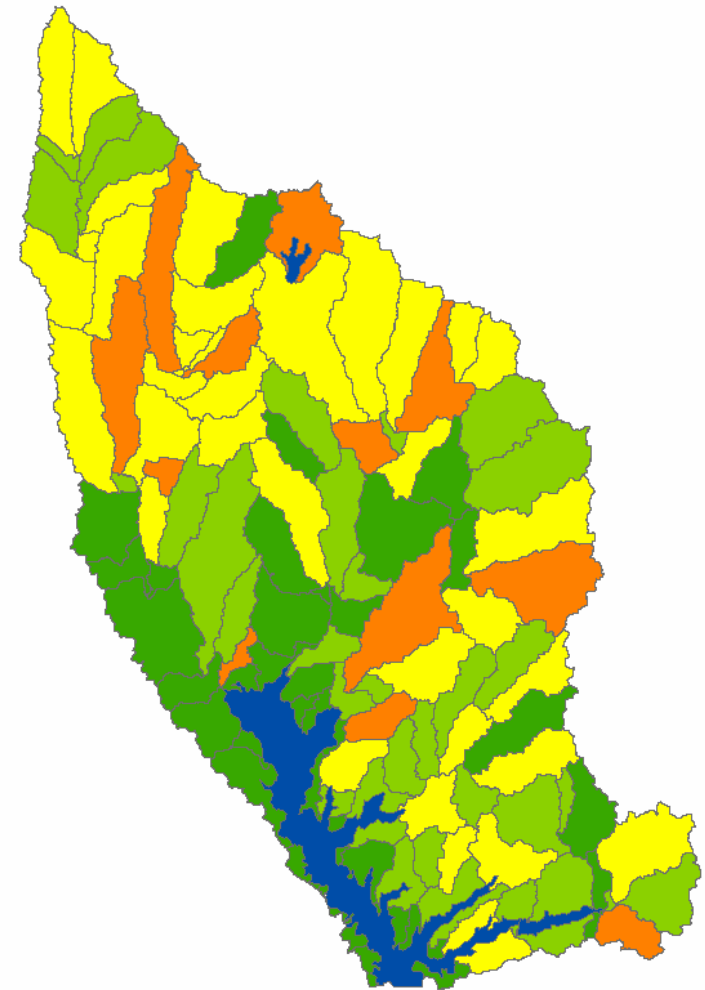
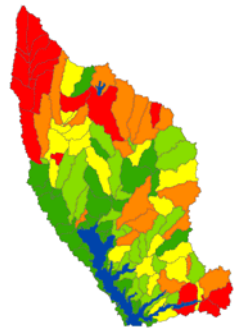


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- Filter Strips 50%
- Grade Stabilization Structures
100% - 33 total
- Critical Pasture Planting 20%

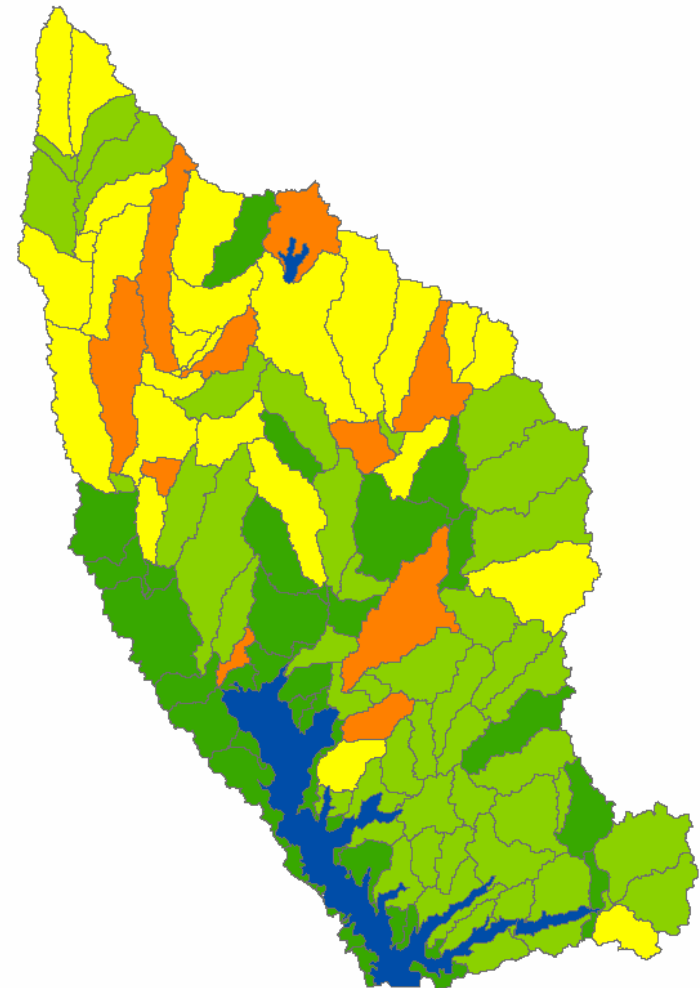
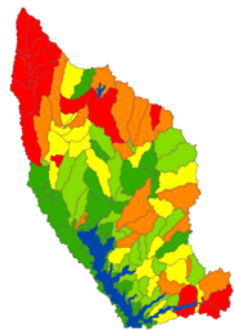


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- Filter Strips 50%
- Grade Stabilization Structures
100% - 33 total
- Critical Pasture Planting 20%
- Terracing 15%



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- Filter Strips 50%
- Grade Stabilization Structures
100% - 33 total
- Critical Pasture Planting 20%
- Terracing 15%
- WWTP Level II 100%
- Conversion Cropland to Grass 20%

