

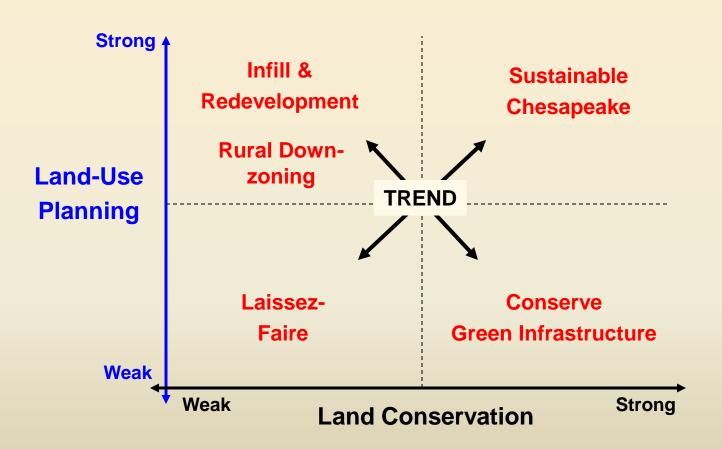
Modeling Resource Land Loss

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Chesapeake Bay Alternative Future Development Scenarios





Baseline (Business As Usual) Scenario

Extrapolation of current trends



Infill Scenario

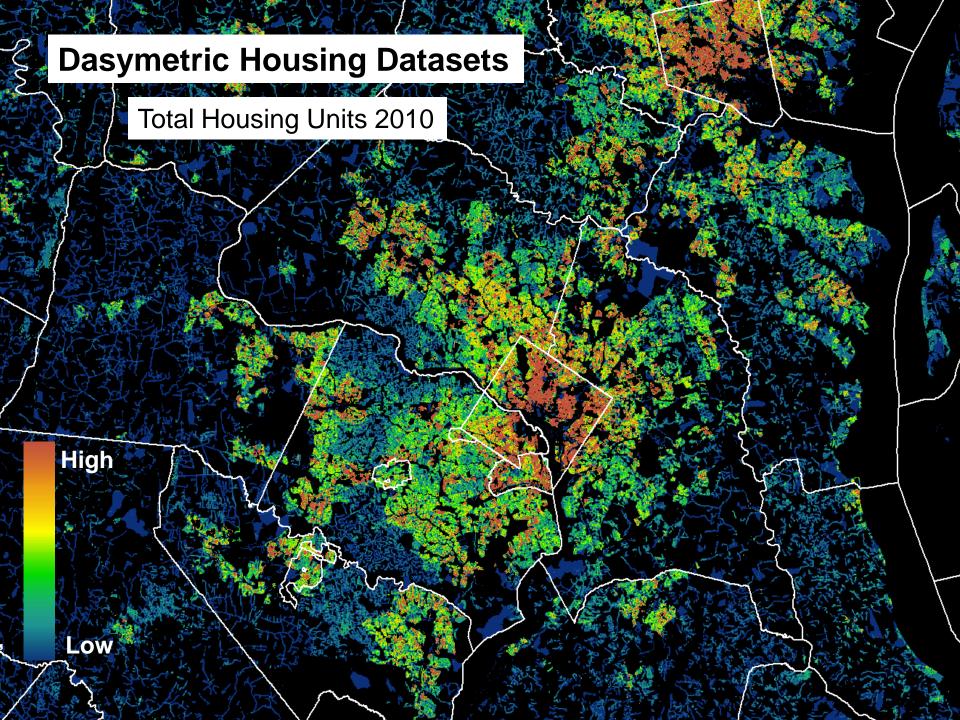
- Infill = development within the existing built and sewered landscape.
- Estimated using the % of multi-unit residential building permits constructed between 2008 – 2012.
- Modeled assuming a 50% increase in the % of multi-unit residential building permits.

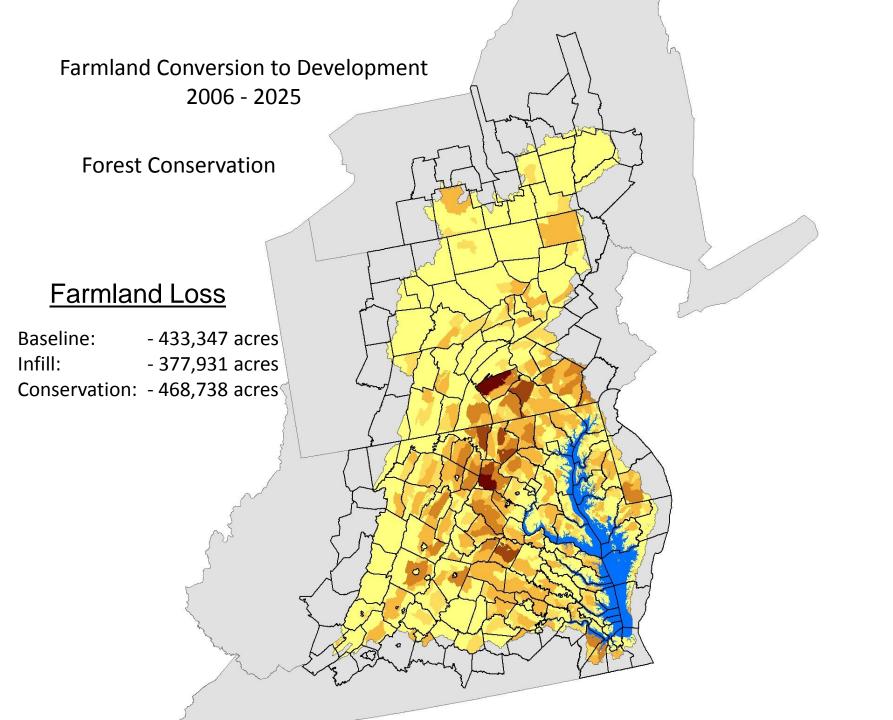


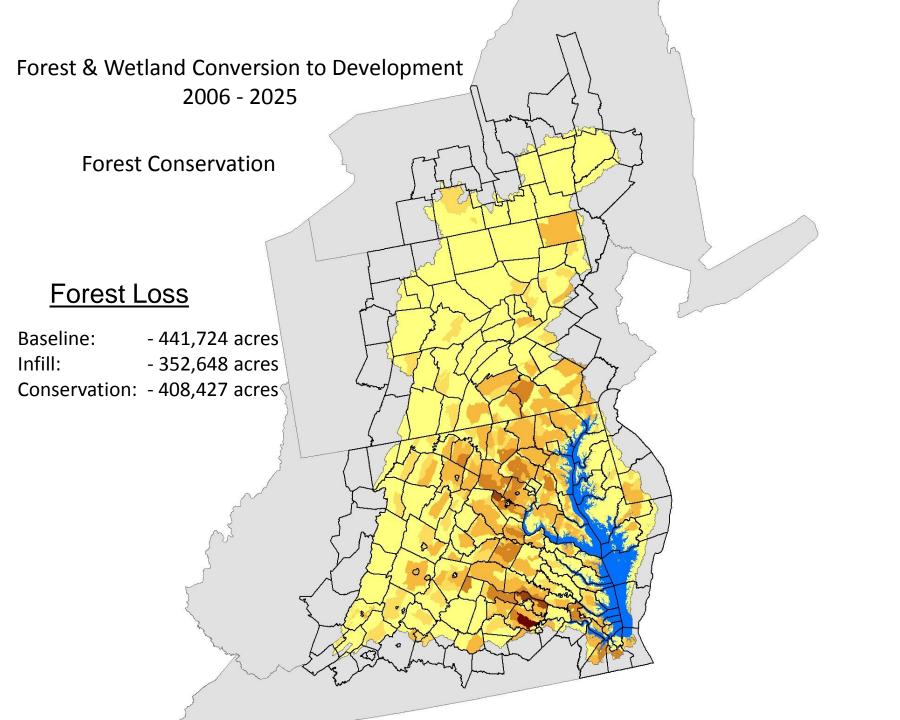
Land Conservation Scenario

All of Maryland's Green Infrastructure is conserved.

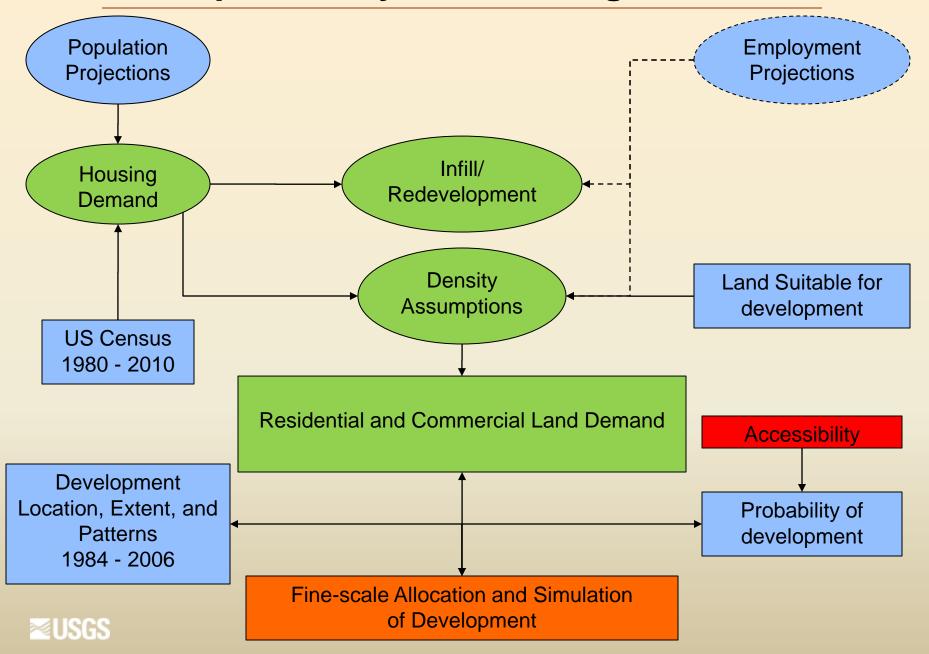
- All contiguous forest/wetland tracts greater than 100 ha are conserved.
- Implemented by adjusting the proportions of forest and farmland in each county and modeling segment that are vulnerable to development.

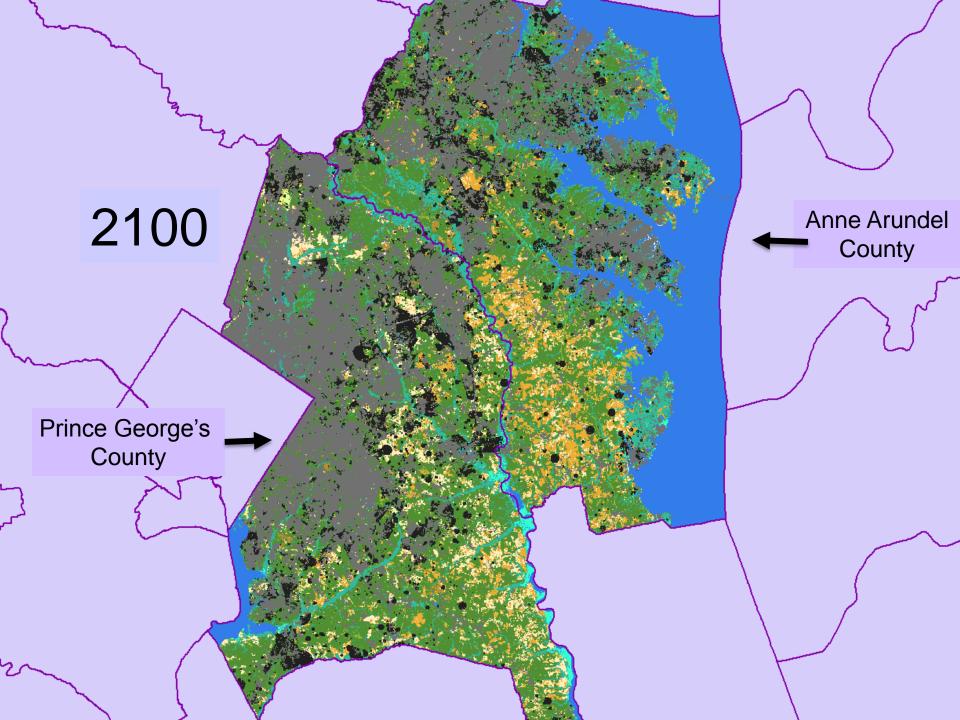


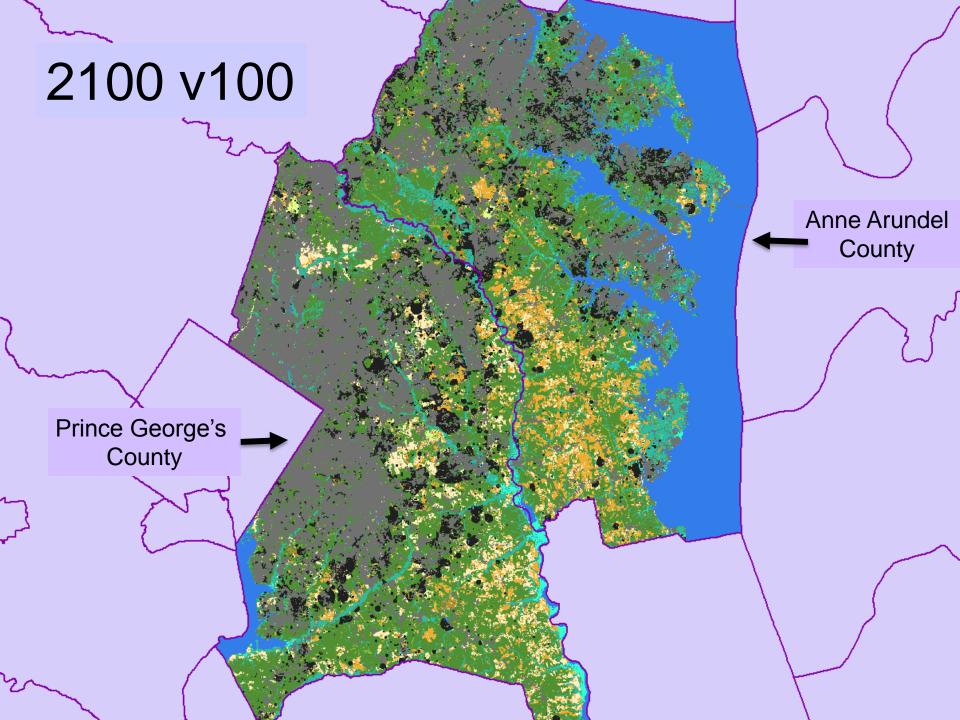


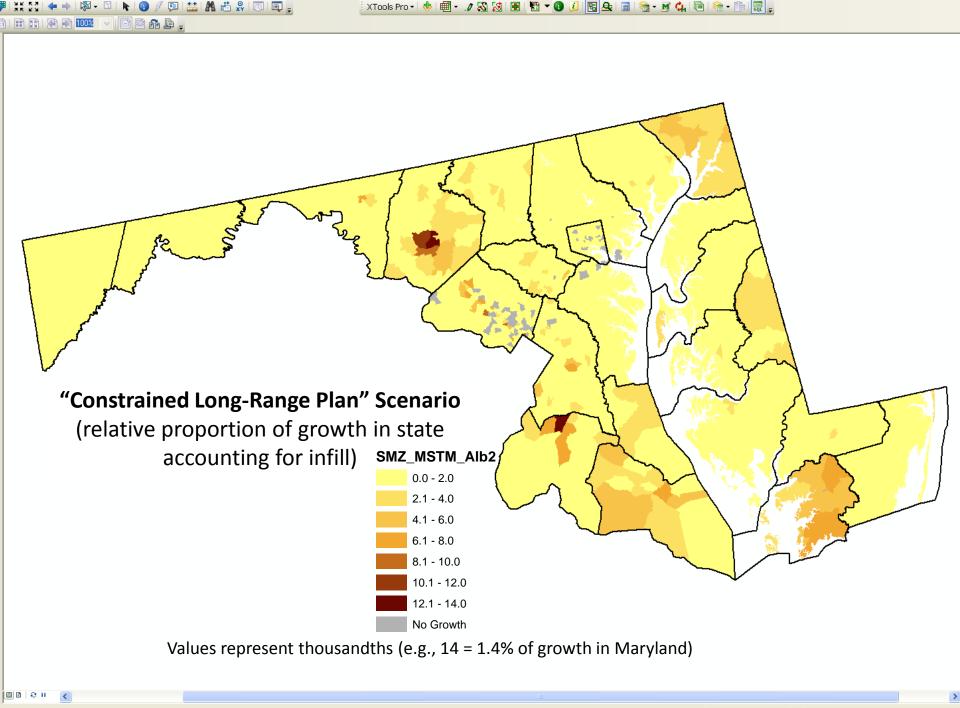


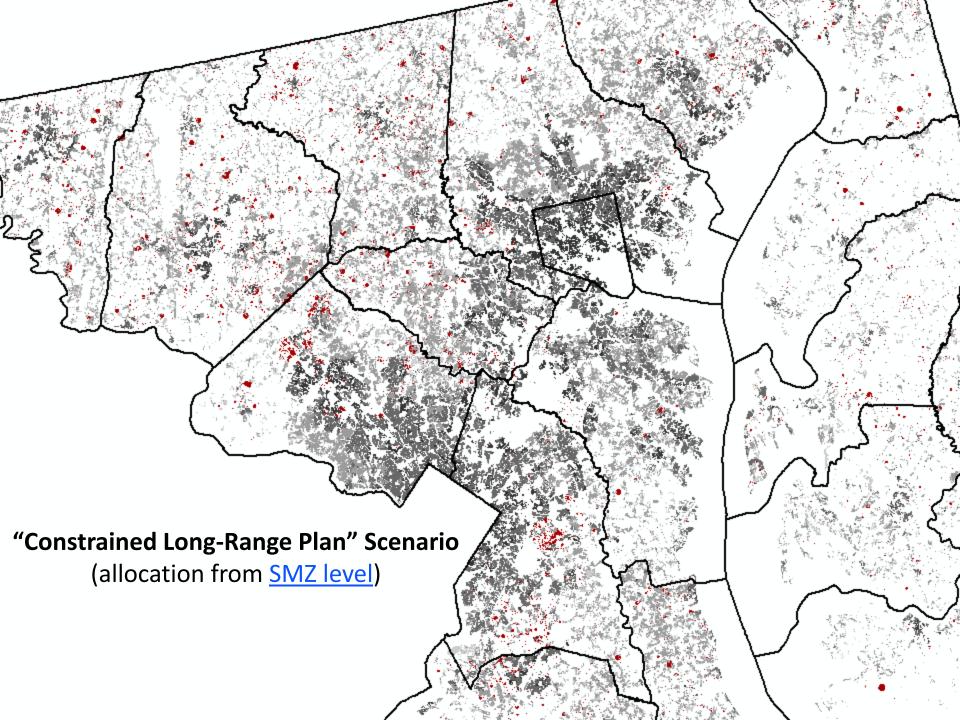
Chesapeake Bay Land Change Model v3a

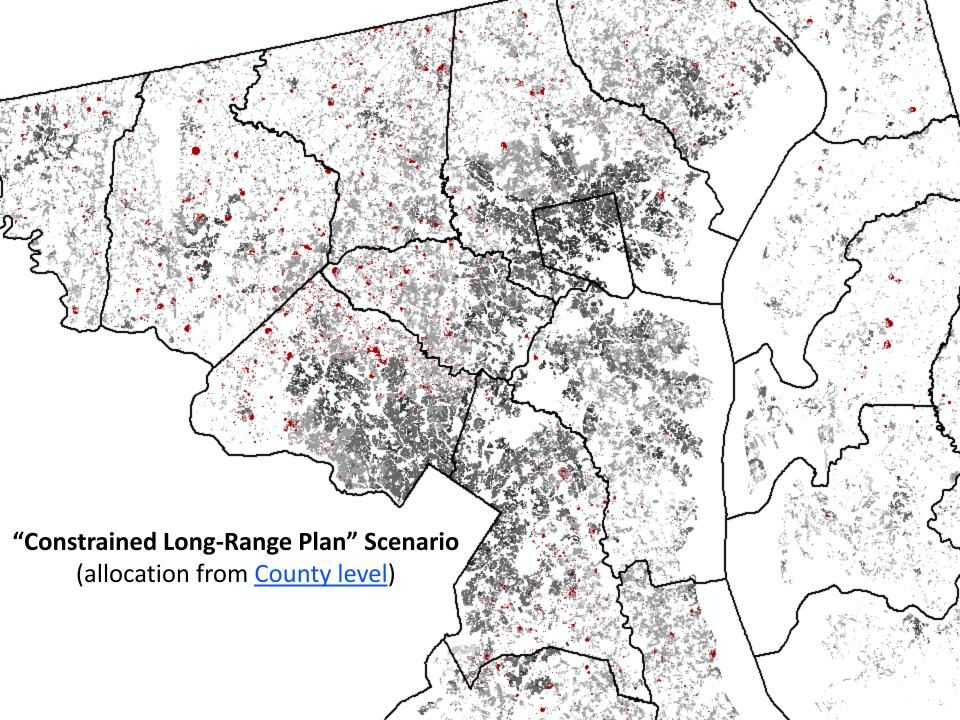


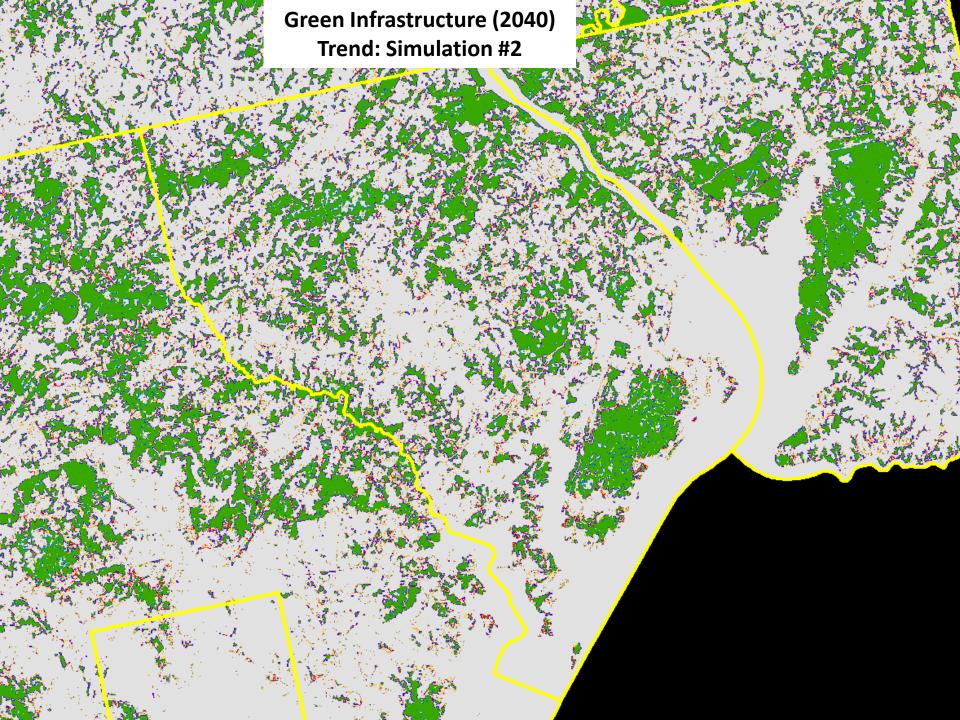












Change in Core Forest Extent 2006 - 2040

