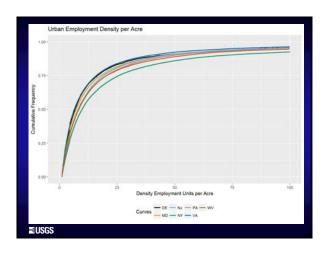
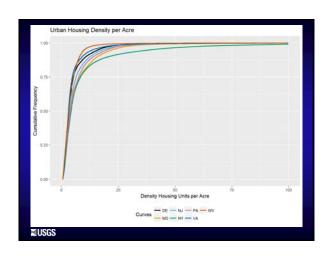
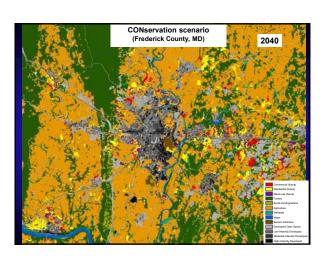
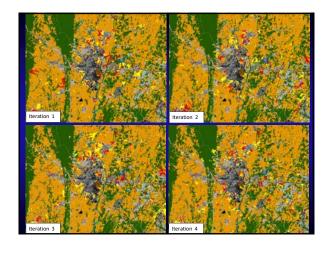


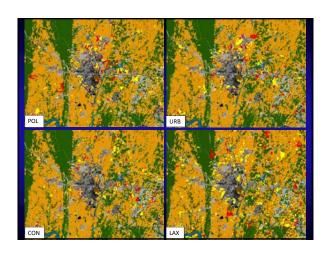
	Residential	Commercial
Delaware	0.766	0.555
District of Columbia	n/a	n/a
Maryland	0.778	0.718
New York	0.871	0.867
Pennsylvania	0.835	0.821
Virginia	0.901	0.869
West Virginia	0.908	0.921

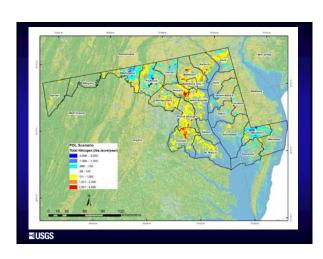






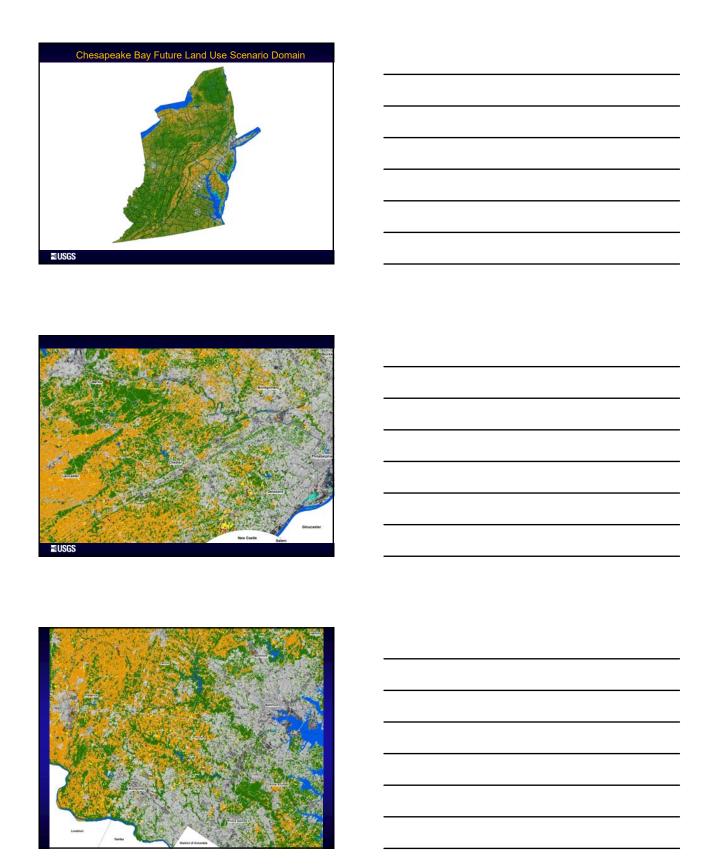


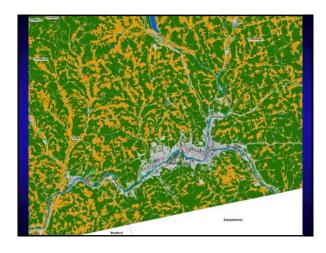




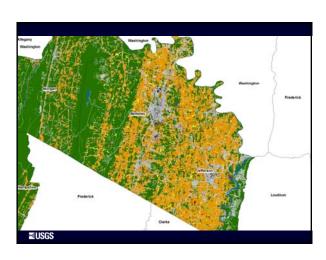
What can be changed in the model? Demand for greenfield development population and employment projections, infill/ redevelopment rates 2. Land available for development zoning, easements, comprehensive plans, environmental constraints Development capacity and density zoning, subdivision ordinances, Transfer of Development Rights, Impact fees, urban service areas 4. Factors influencing the likelihood of development proximity to recent development and/or employment centers, current land use (farms or forests), accessibility, amenities and dis-amenities, slope and other environmental constraints Other urban/rural boundaries; summary units (e.g., municipalities, watersheds), demand units (e.g., counties, metro areas, commuter sheds), densification rates; attractiveness of new development to roads and to areas of recent **⊠USGS** Scenario Results For Review Scales: P6 Land-River Segments & Counties 1. New development acres 2. Future population on sewer and septic 3. Residential land consumption rate (acres / household) 4. Commercial land consumption rate (acres/ job) 4. Forest acres converted to development 5. Farmland acres converted to development 6. Δ Total Nitrogen (# / acre / yr.) 7. Δ Total Phosphorus (# / acre / yr.) 8. Δ Total Sediment (tons / acre / yr.) **⊠USGS** Optional Evaluation Metrics Scale: P6 Land-River Segments & Counties 1. New impervious per capita 2. Large forest patches converted / total forest converted 3. Prime soils converted / total farmland converted 4. Forest and farmland fragmentation 5. Concentration or excess of manure 6. Loss of BMPs (due to the conversion of farmland)

≅USGS

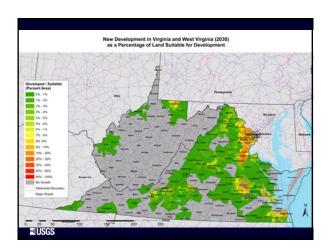


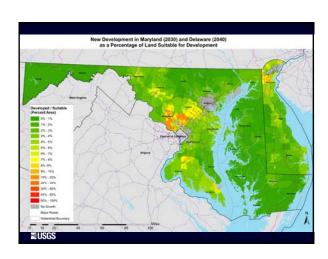


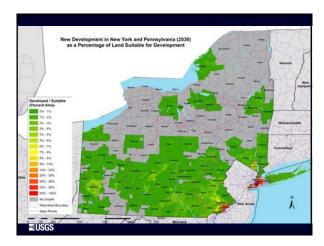












Future Land Use Scenarios:

Logically-coherent storylines and assumptions of factors influencing land use change that represent a full range of plausible futures.

Why?

To help jurisdictions account for potential future growth in pollutant loads as required by the Chesapeake Bay TMDL.

To inform long-range development, restoration, and conservation plans.

⊠USGS

Potential Alternative Future Scenarios

"Historical Trends": patterns over previous decade(s) prevail.

"Current Policy": growth focused in areas with infrastructure and capacity.

"Land Conservation": more aggressive conservation of forests and farms.

"Rural Character": up-zone urban areas and down-zone rural areas.

"Infill and Redevelopment": direct more growth into urban areas.

"Transportation Corridors": growth focused along major transportation corridors.

"Deregulated and Less Managed": patterns driven by private sector and free market.

"Amenity based": growth focused along coasts and adjacent to public lands.

⊠USGS