

Land Use Workgroup

Mission:

To ensure that scientifically and locally credible land use data informs the suite of Chesapeake Bay Program (CBP) models and accounting systems.

Primary Roles and Responsibilities:

1. **Develop protocols and methods for using local LULC data to improve the CBP models.**
2. **Increase the spatial, temporal, and categorical resolution of land use information used to inform CBP models.**
3. **Improve the accuracy, plausibility, and usefulness of future land use scenarios to support local TMDL implementation and maintenance.**
4. **Evaluate the accuracy and utility of land use datasets, estimates, and scenarios used to inform CBP management decisions.**
5. **Explore methods for reporting land use changes to evaluate 2-year progress runs and explore the use of land use projections to develop/assess 2-year milestones.**

Secondary Roles and Responsibilities:

1. Increase the accuracy of estimated populations and households on sewer and septic used to inform CBP models. (*Leads: Wastewater and Watershed Technical Workgroups*).
2. Improve the consistency of MS4 mapping criteria among states. (*Lead: Urban Stormwater Workgroup*).
3. Estimate future water quality offset requirements based on future land use scenarios. (*Leads: Trading and Offsets and Watershed Technical Workgroups*).
4. Explore the utility of future land use scenarios for crediting land conservation in the TMDL. (*Leads: Healthy Watershed GIT, Trading and Offsets Workgroup*).
5. Explore methods to identify and map forests and wetlands providing greater than average water quality services based on spatial factors such as depth to water table and other soils attributes, upslope land uses, and hydrologic connectivity. (*Leads: Urban Stormwater Workgroup, Habitat GIT, Healthy Watershed GIT, and Forestry Workgroup*)