

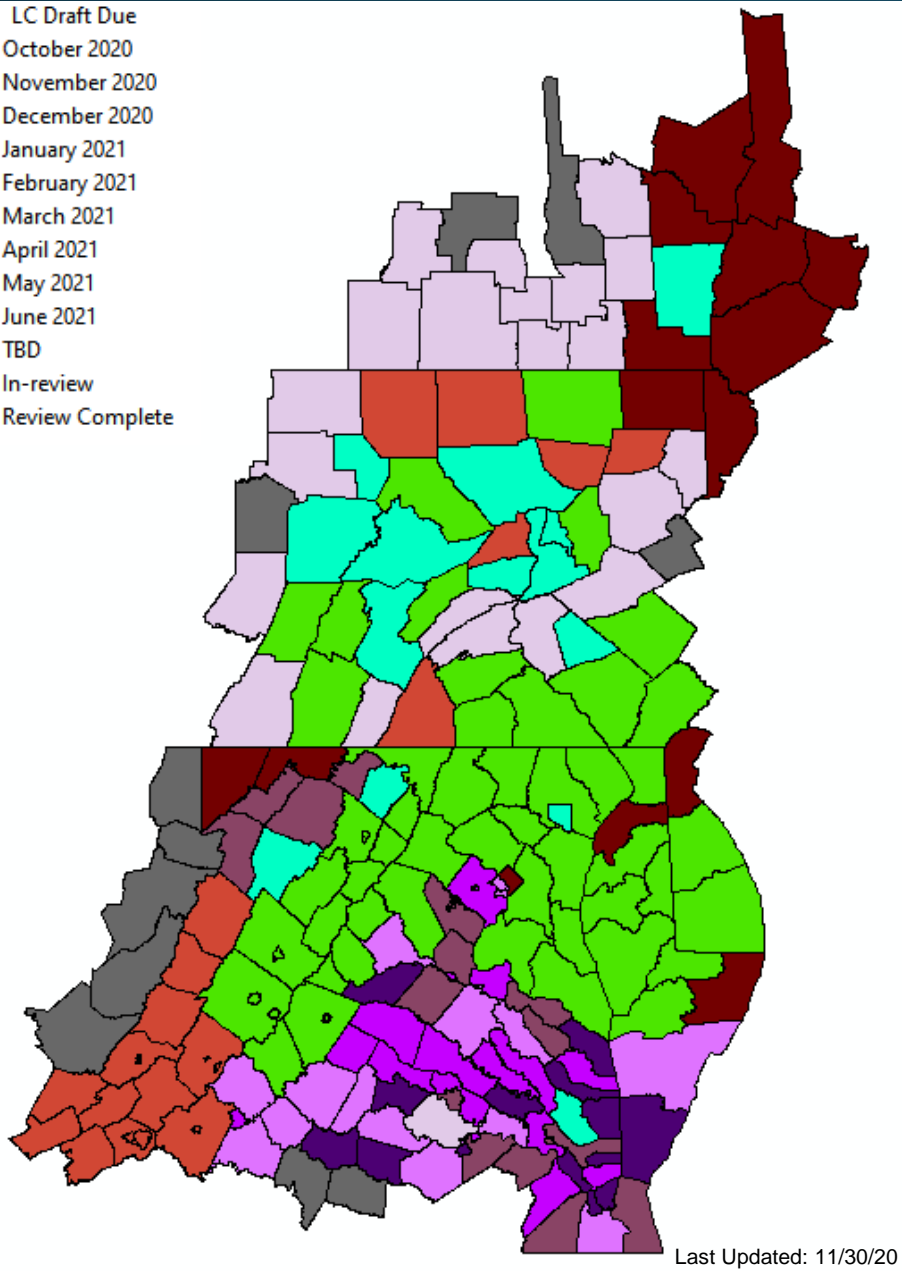
Objective 1: Land Cover and Tree Canopy Communication Products

December 2, 2020: Joint Forestry and LUWG

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Land Cover Production Schedule



- Review extended due to COVID-19:

- Carroll County, MD
- Berks County, PA

- Review-time passed

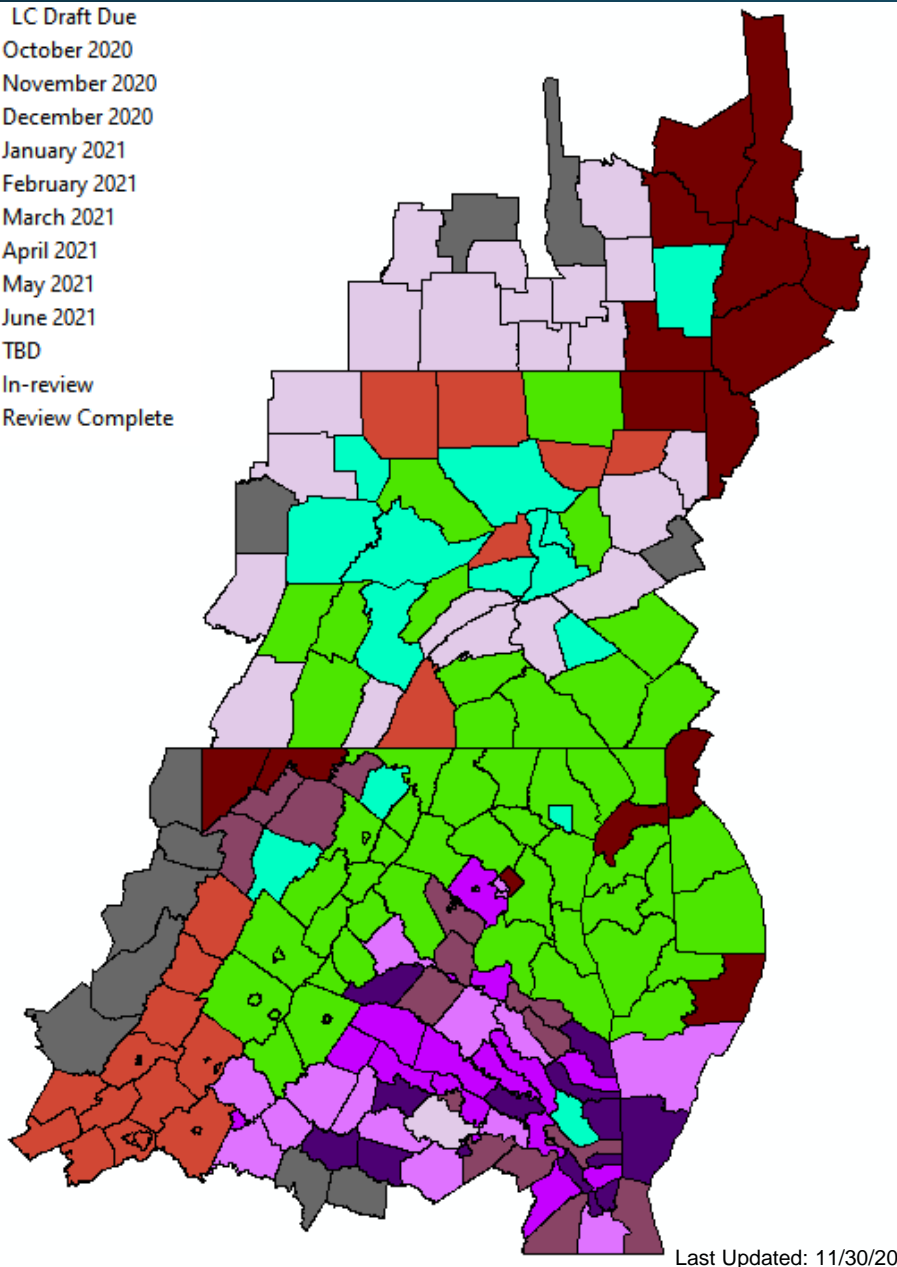
(feedback from county in green):

- Baltimore County, MD
- Cecil County, MD
- Queen Anne's, MD
- Talbot, MD
- Somerset, MD
- Wicomico, MD
- Dorchester, MD
- Harford, MD
- Caroline, MD
- Washington, MD
- Adams County, PA
- Chester County, PA
- Cumberland County, PA
- Lancaster, PA
- Kent, DE
- Sussex, DE
- Page, VA
- Waynesboro, VA
- Loudon, VA
- Fauquier, VA

- Anne Arundel, MD
- Charlottesville, VA
- Staunton, VA
- Greene, VA
- Frederick, VA
- Albemarle, VA
- Clarke, VA
- Nelson, VA
- Warren, VA
- Augusta, VA
- Winchester, VA
- Rappahannock, VA
- Madison, VA
- Jefferson, WV
- Rockingham, VA
- Harrisonburg, VA
- Shenandoah, VA
- Calvert, MD
- Charles, MD
- Frederick, MD
- Howard, MD
- St. Mary's, MD
- Montgomery, MD

- Prince George's, MD
- York, PA
- Bedford, PA
- Blair, PA
- Cambria, PA
- Clinton, PA
- Columbia, PA
- Mifflin, PA
- Montour, PA

Land Cover Production Schedule



Localities Currently In-Review:

- Baltimore City, MD
- Lebanon, PA
- Cameron, PA
- Centre, PA
- Bradford, PA
- Huntingdon, PA
- Lycoming, PA
- Northumberland, PA
- Clearfield, PA
- Hardy, WV
- Berkeley, WV
- Gloucester, VA
- Chenango, NY

Upcoming Localities to Review:

- Potter, PA
- Sullivan, PA
- Snyder, PA
- Tioga, PA
- Union, PA
- Wyoming, PA
- Franklin, PA
- Alleghany, VA
- Covington City, VA
- Bath, VA
- Bedford County, VA
- Bedford City, VA
- Botetourt, VA
- Buena Vista, VA
- Craig, VA
- Giles, VA
- Highland, VA
- Lexington, VA
- Montgomery, VA
- Roanoke County, VA
- Roanoke City, VA
- Salem, VA
- Rockbridge, VA
- Monroe, WV
- Pendleton, WV

Versioning of the LC/LU Products

- To incorporate all local feedback, we are creating 2 versions of the datasets
- June 2021 – CBP internal deadline: larger errors fixed, tile errors fixed, impervious errors fixed, water errors fixed
 - V1 2017/18 LC and LU
 - V2 2013/14 LC and LU
 - V1 of 2013/14 – 2017/18 LC and LU Change
- December 2021- published version: all correct local edits incorporated, wetlands updated with new wetland layer
 - V2 2017/18 LC and LU
 - V3 2013/14 LC and LU
 - V2 of 2013/14 – 2017/18 LC and LU Change
 - **Wetlands dataset- will follow the 2013 PA Wetland dataset with following classes:**
 - **Emergent, Scrub/Shrub, Forested, Water, and Restorable**

Tree Canopy Communication Products

- Working with USFS on Tree Canopy Change Communication Products to publish with LCLU data in December 2021 timeframe
- Working with CBP to coordinate with our other data releases

Tree Canopy Change Metrics

2212

Acres of tree canopy were lost
from 2012 to 2018



The amount of tree canopy lost is
the equivalent of over 1,600
football fields worth.

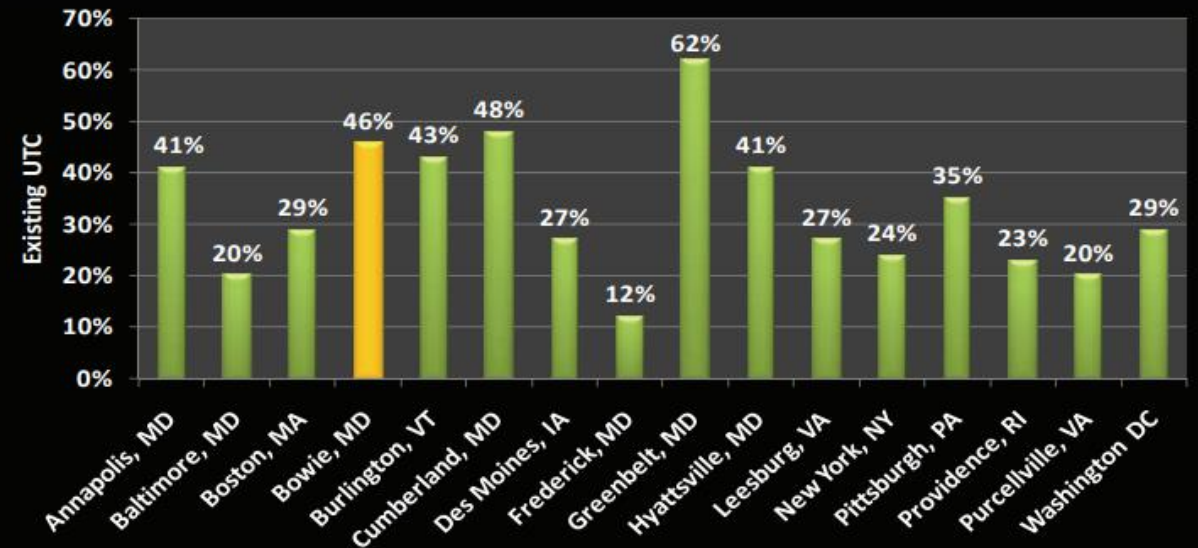
From 2012 to 2018

4%

Of the City's tree
canopy was lost

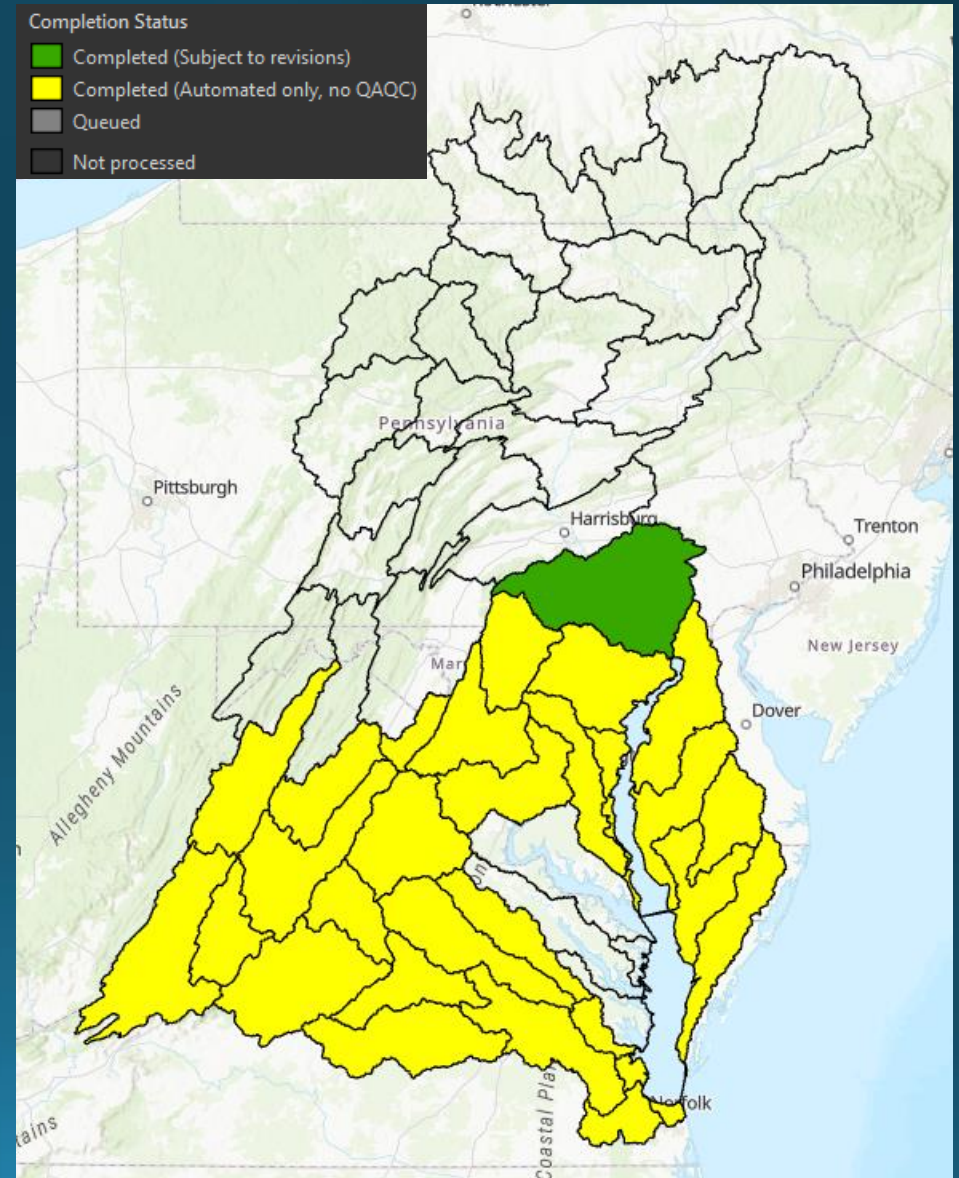
* Federal and state lands are excluded from these calculations.

Why is Tree Canopy Important?



Objective 2: Hydrography updates

- UMBC students finished manual classification of channel-like features in Lower Susquehanna
- Dr. Matt Baker to train random forest model using manually classified data to automate feature classification
- Awaiting 2019 PA North Central QL2 lidar before producing new hydrography products for remainder of PA



Questions?

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