**Joint Land Use and Forestry Workgroup Meeting**
**December 2, 2020**
**9am-12pm**

**Meeting number**: 120 969 2303, **Password**: Trees
**Join by phone**: 1-408-418-9388, **Access code**: 120 969 2303

https://umces.webex.com/umces/j.php?MTID=m151ace718749389256f4a4cc945ec53f

*This meeting will be recorded for internal use to assure the accuracy of meeting notes*

---

**9:00 am** **Welcome and Introductions**
*Rebecca Hanmer, KC Filippino*

**9:10am** **2017 Land Cover Updates and Tree Canopy Communication Products**
*Rachel Soobitsky, CC*

**9:20am** **Mapping Wooded Land Uses**

- Trees over Turf Grass – Jacob Czawlytko
  - Formerly wooded landscapes
  - Formerly agricultural landscapes

**Decision:** Does this mapping approach for Trees over Turf Grass make sense? What parcel size thresholds and buffer width thresholds (of impervious surfaces) should be used to map Trees over Turf Grass.

**Mapping Forest Land Uses**

- Single-class "Forest" (default) – Jacob Czawlytko
- Contiguous vs Fragmented Forest – Jacob Czawlytko
- Interior vs Edge Forest – Peter Claggett

**Decision:** Should we differentiate more than one type of forest in our land use dataset? If so, what and why? If not, additional analysis will still be done to understand and track forest fragmentation trends.

- Timber Harvest (recent clearings) – Sarah McDonald

**Decision:** Does this mapping approach for recent clearings make sense? What is the minimum size parcel or area that is likely to be cleared? Should we use these data to replace reported percentages of forests assumed to be harvested for the 2013 and 2017 target years? These data could be better timber harvest data than what some states currently have, and their use in CAST could be helpful in discerning water quality issues.

- Natural Succession – Sarah McDonald

**Decision:** Does this mapping approach for natural succession make sense?

**11:20am** **Verifying presence/absence of tree plantings**
*Iris Allen, MD-DNR; Jeff Sweeney, EPA*

Recently, Iris has been looking at aerial imagery of riparian buffers with known planting date and other information to decipher when and how they appear. This information will inform when land conversion credits for tree and riparian buffer plantings should be "backed-out" of CAST.

**11:40am** **Inventorying riparian buffer restoration opportunities with high-resolution streams and land use** *Peter Claggett, USGS; Matt Keefer, PA-DEP*

The new high-resolution stream and land use data will improve our understanding of BMP opportunities. There will be more stream miles in the high-res data compared to previous datasets but most will be representative of intermittent and ephemeral streams. If restoration plans are based on some percentage of bufferable stream miles, these new data will directly impact those statistics and plans. The FWG/LUWG are asked to begin considering these issues now so that we can better understand, communicate, and attribute the data.

**12:00pm** **Adjourn**