



# Land Use/Land Cover Tree Canopy Planned Updates

Sarah McDonald (she/her), Geographer, U.S. Geological Survey

Lower Mississippi Gulf Water Science Center

Forestry Work Group Meeting August 2, 2023



### Decision History for 2024 Ed. Land Use/Land Cover Mapping

- December 2022 Joint FWG and LUWG Meeting
  - Restrict Tree Canopy over Turf Grass (TCTG) buffers to parcel boundaries.
  - Restrict Tree Canopy over Turf Grass (TCTG) buffers to 10-meters in all landscapes.
  - Turf Grass can transition to Tree Canopy, Other and should not be forced to transition to TCTG.
  - Forest patch metrics should reduce the diameter to 36-meters (120-feet) and remain at 1-acre minimum area.
  - Long, narrow Tree Canopy features (like windbreaks) should not be considered forest.
  - Add harvested forest wetland classes.
- January 2023 FWG Meeting
  - Do not distinguish between evergreen and deciduous in this edition of mapping.
    - Do not further expand the classification to include this distinction. Could be useful as overlays.
    - Would be useful for VA hardwood initiative (if it is part of the time series) and diversity.



## Takeaways from Meeting with FIA: How do they classify forests on the ground?

- Forest patch metrics: at least an acre in area and >= 120-foot width throughout the patch.
  - If the edge of the patch is at a 90-degree angle, it is included as forest.

 Trees with a non-natural or non-regenerative understory are not forest (including turf grass, agriculture, structures, etc.)

 Regenerative patches that are at least 10% Tree Canopy and meet the forest patch metrics are forest.

If patches are segmented by an "unmaintained" feature that is less than 120-feet
 (bike roads, power lines, etc.), the patches on either side are considered one patch.



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#### Land Use/Land Cover 2022 Ed.













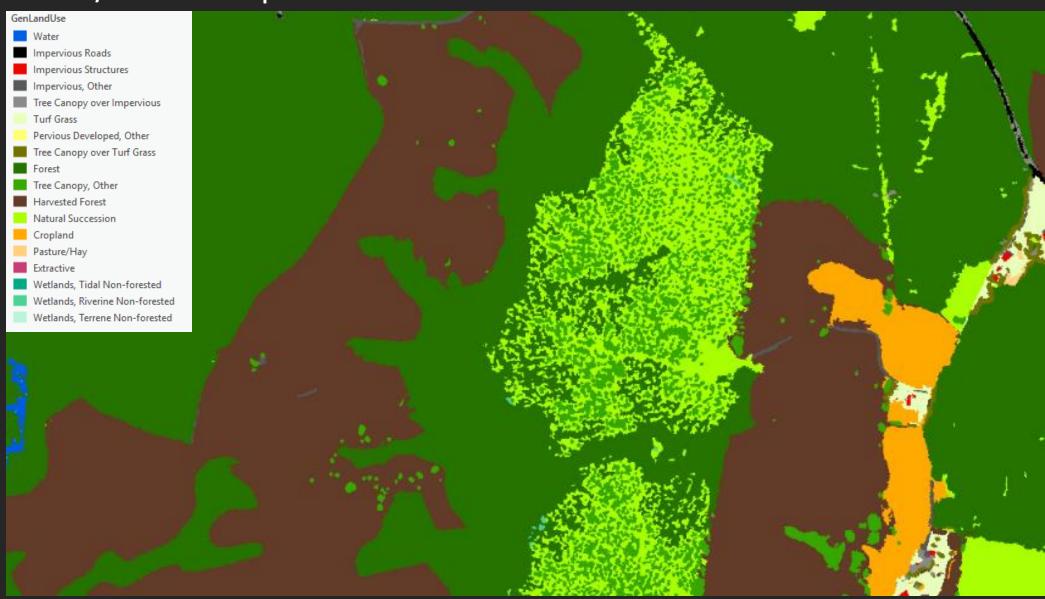




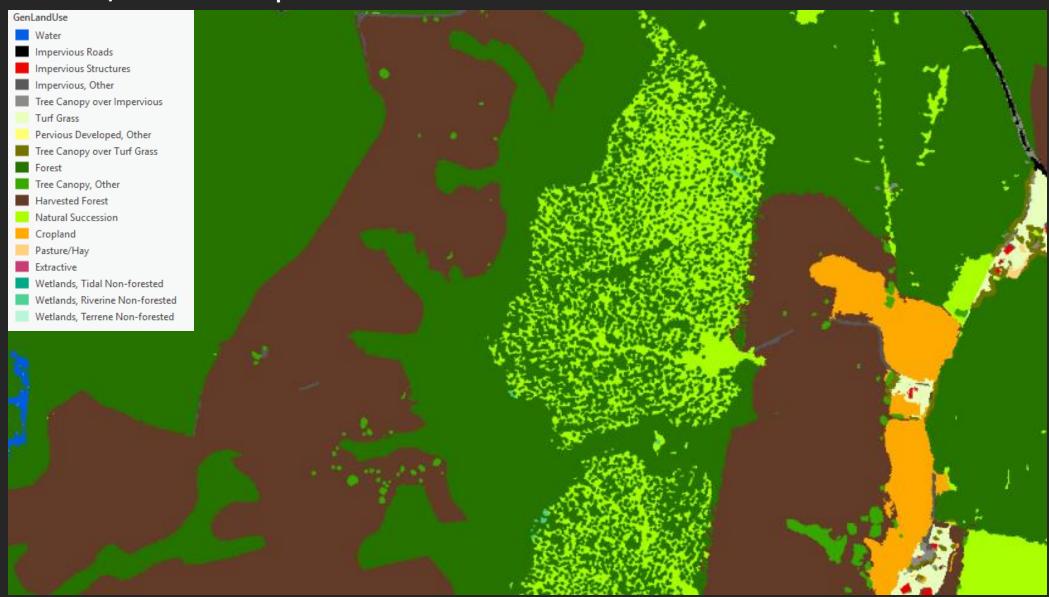
























GenLandUse Water

Impervious Roads
Impervious Structures
Impervious, Other

Turf Grass

Tree Canopy over Impervious

Pervious Developed, Other

Wetlands, Tidal Non-forested

Wetlands, Riverine Non-forested
Wetlands, Terrene Non-forested

Tree Canopy over Turf Grass

Tree Canopy, Other

Harvested Forest
Natural Succession

Pasture/Hay

Cropland

Extractive

### Decisions

#### Non-FIA rule:

 Do not buffer turf grass in large parcels to map Tree Canopy over Turf Grass.

#### FIA rules:

- Remove Tree Canopy over Turf Grass before mapping Forests.
- Parts of patches that are not at least 36-meters (120-feet) in diameter are not forest, but Tree Canopy, Other.
- Tree Canopy within regenerative areas are forest.
  - Must be at least 10% Tree Canopy?

### Contact



Sarah McDonald (she/her/hers)
Geographer
U.S. Geological Survey
smcdonald@chesapeakebay.net
smcdonald@usgs.gov

