

Next Steps from Oct 20th Marsh Adaptation Meeting

- Identify goals/priorities
 - For each marsh vs. for full Upper Choptank marsh complex
 - E.g., managing for birds, fish, water quality, resilience, etc.
 - Identify places with more migration potential to target landowner migration
 - Identify different needs for each marsh (preservation, restoration, migration, etc)
 - Identify demonstration sites/early adaptors
 - Identify other infrastructure/community needs
- Additional research
 - University of Michigan can support on the ground summer research
 - Clients apply late summer/early fall
 - What kinds of research are still needed:
 - Habitat mapping
 - Drones during growing season
 - Elevation survey - RTK, level
 - Surface elevation tables (SETs) - take time, multiple years of data
 - Sediment transport
 - Sonde for water quality
 - Map ash tree loss
 - Combine with elevation data/migration corridor to target tree planting - Andy Baldwin is knowledgeable on what species
 - Interstitial salinity monitoring
 - Survey phrag patches
 - Where should it be managed, where should we leave it alone
 - Experiment with management in targeted demonstration sites
 - Work with UMCES Horn Point
 - Community science
- Wild rice restoration?
 - Jug bay fencing
- Start thinking about outreach/community engagement

Office DEPOT

self-stick
easel pad



contains
30% postconsumer
recycled paper

30 SHEETS
2 FT x 2.5 FT
(63.5 cm x 76.2 cm)
ITEM 434-428

MARSH ADAPTATION - Next Steps

- Goals/priorities: for each marsh
(preservation, restoration, migration, etc.) for Upper Choptank marsh (birds, fish, WQ, etc.)
Complex

→ ID places w/ more migration potential to target landowner engagement

Additional Research

- demonstration sites/early adopters
- identify other infrastructure/community needs
- UMich - can support on-the-ground summer research
- clients apply late summer/early fall

What kinds of research?

DNR 2017 Strategy

① map ash tree loss

Combine w/ elevation data/migration corridor to target tree planting
(Andy Babbitt what species)

- habitat mapping
- drones during growing season
- elevation survey - RTK, level
- SETs → take time
- Sediment transport
- Sonde - WQ
- Phragmites survey patches
- interstitial salinity monitoring
- work w/UMCES
- Community Science

- where should it be mngd?
- where to leave it alone?

- Start thinking abt outreach/comm eng.

- Wild rice restoration? - Jug Bay fencing
- experiment w/ management