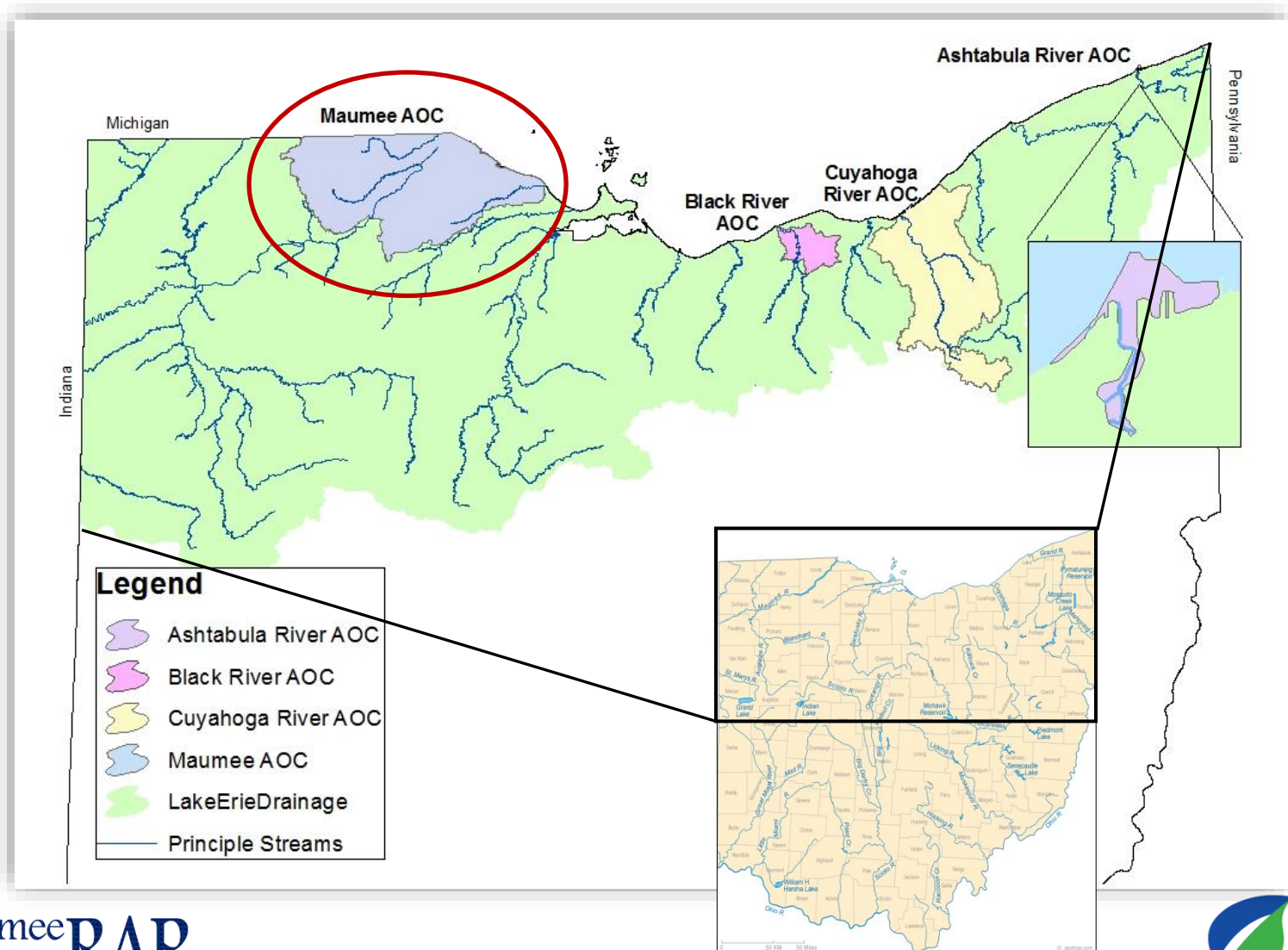


Sustaining Restoration in the Maumee Area of Concern

U.S. AOC Conference
Sept. 11, 2019

Ohio's Areas of Concern



Maumee AOC

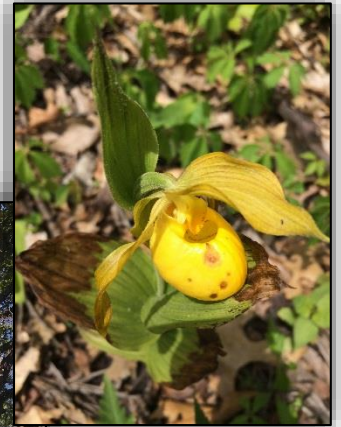
- Mega-AOC at the western end of Lake Erie
 - Can hold 21 of the 26 U.S. AOCs within its boundaries (652.8 sq. mi.)
- Maumee AOC is NOT the whole Maumee River watershed
 - Only 3.4% of the watershed
 - *Watershed* is 8,316 sq. miles vs. *AOC* is 787 sq. miles
 - *Mainstem* is 137 miles vs. *AOC* is only 23 miles
- Maumee AOC is 11 separate/individual watersheds
 - 23 miles of Maumee River
 - + 1,900 additional stream miles
- 57 local cities/villages/townships
- 558,000 residents in AOC
- Originally 10 of 14 BUIs impaired
 - 1 BUI removed in 2015



Management Action Project (MAP) Lists

- Local advisory committee identifies and prioritizes projects
- Local advisory committee recommends projects to Ohio EPA
- Ohio EPA reviews and accepts the list
- Ohio EPA sends a letter to U.S. EPA/GLNPO requesting endorsement/support of the list
- U.S. EPA/GLNPO reviews and accepts the list
- MAPs are eligible for GLRI funding

MAP 10-16
Irwin Wet Prairie
(Neyland Project)

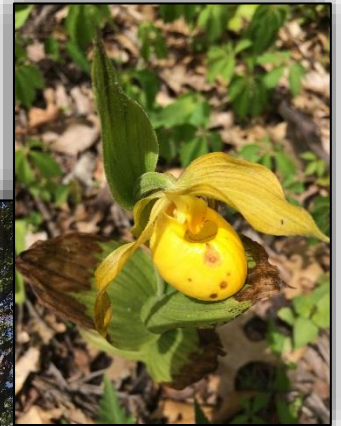


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MAP 10-16
Irwin Wet Prairie
(Neyland Project)



Identify & Prioritize Projects

Process to IDENTIFY projects:

- Subcommittee created a list of potential/candidate projects based on workshops, public/partner input, field observations/biological data
- Checked the viability of the candidate projects based on landowner willingness, ability to move the needle toward BUI restoration target
- If viable, then created concept plans with rough cost estimates



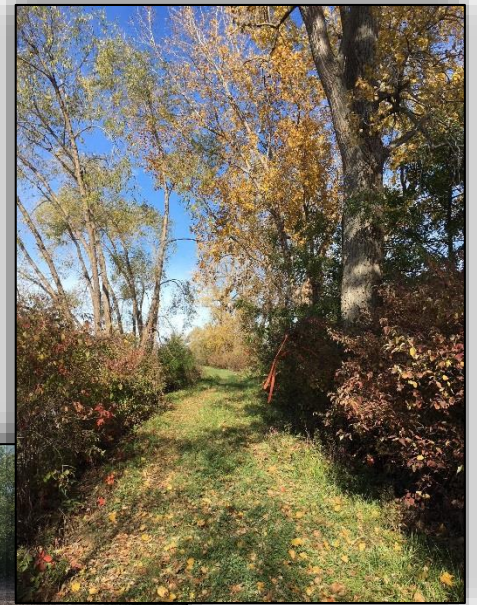
MAP 4-16
Irwin Wet Prairie
(Griswold Project)



Identify & Prioritize Projects

- Considerations when PRIORITIZING projects
 - Benefit toward BUI removal
 - Relevance of project
 - Collateral benefits
 - Feasibility of project
 - Cost effectiveness
 - Funding availability/match
 - Longevity of impact/maintenance

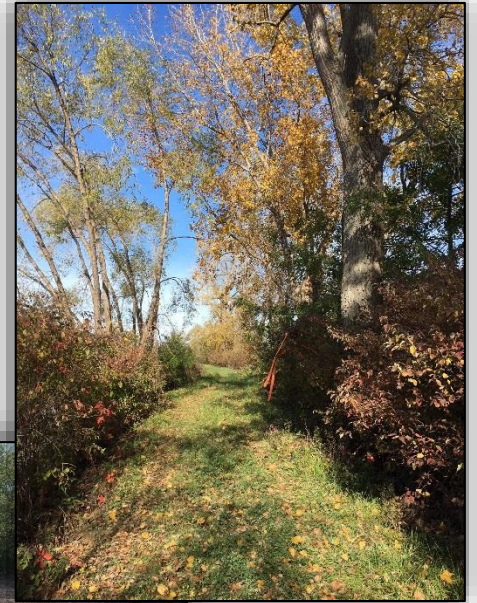
MAP 23-17
Toussaint State
Wildlife Area



Identify & Prioritize Projects

- Considerations when PRIORITIZING projects
 - Benefit toward BUI removal
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 - Feasibility of project
 - Cost effectiveness
 - Funding availability/match
 - ★ **Longevity of impact/
maintenance**

MAP 23-17
Toussaint State
Wildlife Area



Longevity of Impact/Maintenance

- Project sites that were publicly held were preferred
 - Governmental agency, Conservation organization, etc.
- Project sites that could be acquired/restored then turned over were second preference
- These received top preference due to:
 - Shared mission/goal for restoration and protection of natural lands
 - Higher probability for protection into perpetuity
 - In most cases, management/O&M plans already exist, as well as funding to implement them

Longevity of Impact/Maintenance

- All Maumee AOC BUI 14b: Loss of Wildlife Habitat MAPs are publicly held or will be when completed:
 - US FWS (Ducks Unlimited, Friends of Ottawa National Wildlife Refuge)
 - Ohio Dept. of Natural Resources (3 Divisions: Wildlife, Forestry, Parks)
 - City of Toledo
 - Toledo Metroparks
 - The Nature Conservancy
- Currently creating aquatic biological MAP list for:
 - BUI 3a: Degradation of Fish Populations
 - BUI 6: Degradation of Benthos
 - BUI 14a: Loss of Fish Habitat
 - Expect most of these projects to be on public lands

Questions?

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