



MID-OHIO REGIONAL  
**MORPC**  
PLANNING COMMISSION

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**NOTICE OF A MEETING  
SUSTAINING SCIOTO BOARD  
MID-OHIO REGIONAL PLANNING COMMISSION**

**REMOTE MEETING**

**June 24, 2020, 2:30 pm – 4:00 pm**

**AGENDA**

- 2:30 – 2:40 pm**    **Welcome & Introductions**  
*Kristen Atha, Chair*
- 2:40 – 3:00 pm**    **Sustaining Scioto By-Laws–**  
*Brooke White, MORPC staff*
- 3:00 – 3:10 pm**    **Member Term Lengths –**  
*Kristen Atha, Chair*
- 3:10 – 3:30 pm**    **Agricultural and Rural Communities Outreach Team –**  
*Edwina Teye, MORPC Staff*
- 3:30 – 3:50 pm**    **Water Quality Monitoring Planning –**  
*Brooke White, MORPC Staff*
- 3:50 – 4:00 pm**    **Next Steps –**  
*Kristen Atha, Chair*
- 4:00 pm**            **Adjourn**

**Please notify Lynn Kaufman at 614-233-4189 or [LKaufman@morpc.org](mailto:LKaufman@morpc.org) to confirm your attendance for this meeting or if you require special assistance.**

**The next Sustaining Scioto Board Meeting  
will be on August 26, 2020, 2:30 pm – Remote**

**William Murdock, AICP**  
*Executive Director*

**Karen J. Angelou**  
*Chair*

**Erik J. Janas**  
*Vice Chair*

**Chris Amorose Grooms**  
*Secretary*

Mid-Ohio Regional Planning Commission  
Remote Meeting

Sustaining Scioto Board  
Meeting Notes

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April 29, 2020, 2:30 pm

Members Present

Vice-Chair Mike Andrako, City of Marysville  
Chair Kristen Atha, AECOM  
Brian Brandt, American Farmland Trust  
Jessica D'Ambrosio, The Nature Conservancy  
Laura Fay, Friends of the Lower Olentangy  
Watershed  
Jennifer Fish, Franklin Soil & Water  
Conservation District  
Niki Lemin, Franklin County Public Health  
Maura Maher, RAMA Consulting  
Glenn Marzluf, Del-Co Water Co  
Michelle Mattix, Marion Soil & Water  
Conservation District

Donella Pettenski, City of Columbus, Public  
Utilities  
Rob Priestas, City of Columbus, Public Utilities  
Scott Stephens, Delaware Soil & Water  
Conservation District  
Steve Stolte, Union County Commissioners  
David Straub, United States Geological Survey  
Rick Van Gundy, Scioto River Valley  
Federation  
Aaron Wilson, OSU, Byrd Polar & Climate  
Research Center

Public Present

Laura Johnson, Heidelberg University

Jeff Lewis, Ohio EPA

MORPC Staff Present

Kerstin Carr  
Lynn Kaufman

William Murdock  
Brandi Whetstone

Brooke White  
Edwina Teye

**Meeting Called to Order at 2:32 pm.**

**Welcome & Group Administration**

William Murdock and Kerstin Carr introduced themselves and thanked members for attending. Kerstin introduced MORPC staff contacts. Chair Atha and Vice-Chair Andrako introduced themselves.

**Sustaining Scioto Background**

Purpose

Sustaining Scioto's aim is to identify risks to the region's water resources due to climate change, and to bring stakeholders together for collaboration.

Background

In 2011, MORPC brought partners together to initiate the [Sustaining Scioto Study](#) to identify risks to the region's water resources due to climate change.

Study Findings & Process

The collaborating partners created a process:

- Understand Projected Impacts and Challenges
- Identify Risks
  - Threats & Vulnerability Assessment identified key sectors impacted by climate change:

- Lower water quality
- Damage to infrastructure
- Loss of power due to extreme weather events
- Determine and Evaluate Adaptation Options
  - Short Term 2015 – 2025
  - Mid Term 2026 – 2045
  - Long Term 2046 – 2090
- Implement and Monitor
- Re-evaluate and adjust as new information becomes available

### **How We Got Here to the Sustaining Scioto Implementation Plan**

Public meetings of Sustaining Scioto Subcommittee began in August 2017, addressing recommendations in the Sustaining Scioto Study. The group identified the agricultural community and public water systems as populations to engage. The American Farmland Trust has been very helpful in engaging the Agricultural community.

### **2020 Priorities, Board Role, and Funding**

Staff recommendations are informed from findings in the [Sustaining Scioto Adaptive Management Plan](#), which identified and quantified the impacts of future climate change.

#### Review of 2020 Scope

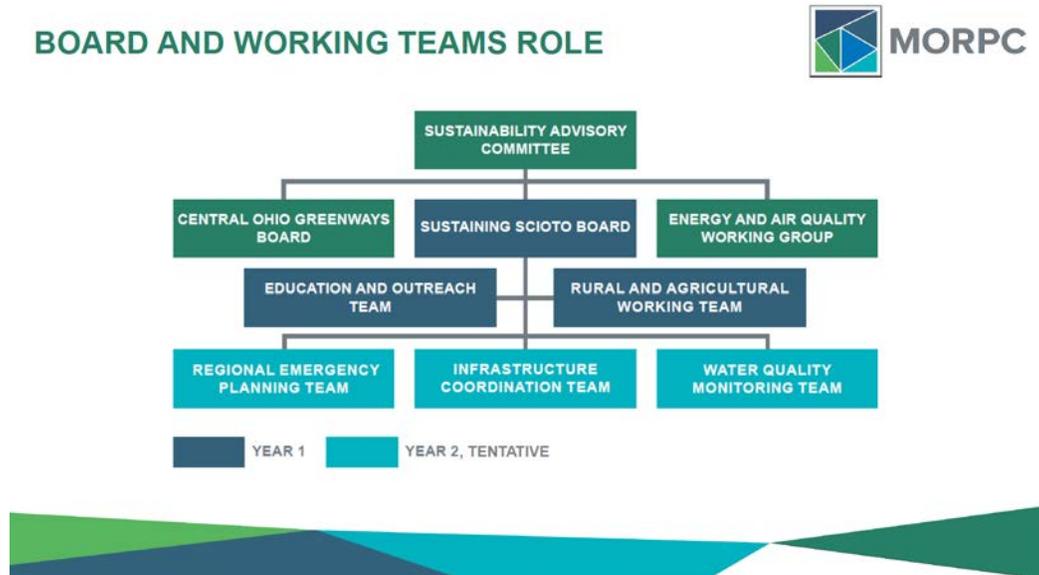
##### Short Term Adaptive Measurements (2015 –2025):

- Regional Collaborative Forum
- Public Education
- Improve Emergency Preparedness Capacities
- Enhance Operational Procedures (WQ Monitoring & Treatment SOPs)
- Resource Protection/Source Management

##### Goals:

- Informed Decision Making
  - Strategy 1 Establish Leadership structure & sustainable program funding (formation of the ss board)
  - Strategy 2 Create and update climate data tools and projections to support planning and implementation initiatives (is to develop a scope of work, finding consultants, and identify funding opportunities)
  - Strategy 3 Develop and implement a comprehensive Water Quality Monitoring Program ( is to develop a scope of work for types of water quality monitoring, finding consultants, and identify funding opportunities)
- Prepared & Connected Communities
  - Working Teams will be created and be chaired by members of the Sustaining Scioto Board.
  - Strategy 1 Establish Public Outreach Team
  - Strategy 2 Develop Outreach Framework
- Protected Resources
  - Strategy 1 Develop a cooperative program with Agricultural Community to reduce runoff pollutant loads. The Board will create a Rural and Agricultural Working Team to inform the board how to best complement existing efforts.)

Review the Board's Role and Plans for Working Teams  
Sustaining Scioto Organizational Chart:



The Sustaining Scioto Board will be a standing board of the Sustainability Advisory Committee; the Chair and Vice-Chair of the Board will also be Sustainability Advisory Committee members. In the first year, the Sustaining Scioto Board will be supported by two working teams, the Education & Outreach Team and the Rural & Agricultural Working Team. In the second year the Board may want to form other teams, such as the Regional Energy Planning Team, the Infrastructure Coordination Team, and the Water Quality Monitoring Team.

MORPC staff will present Bylaws at the next Board meeting for member's review and approval.

Funding

Current funders are DelCo Water, the City of Marysville, and the City of Columbus Department of Public Utilities. MORPC staff plan to apply to the Ohio Water Development Authority Research & Development Grant Program. The funding available is \$200,000 per year with matching funds and a three-year renewal. The deadline for application is October 2, 2020.

[Water Quality Overview of the Upper Scioto Watershed](#)

Jeff Lewis, Environmental Supervisor, Ohio EPA Division of Surface Water

[Heidelberg University Water Quality Monitoring and Research](#)

Laura Johnson, Director, National Center for Water Quality Research, Heidelberg University

**Next Steps**

- MORPC staff and Board leadership will distribute the draft bylaws to Board members for review prior to the next Board meeting.
- MORPC staff and Board leadership will work on the formation of the two proposed working teams.

**Adjourned at 2:53 pm.**



# SUSTAINING SCIOTO BOARD MEETING

June 24, 2020



MID-OHIO REGIONAL  
**MORPC**  
PLANNING COMMISSION

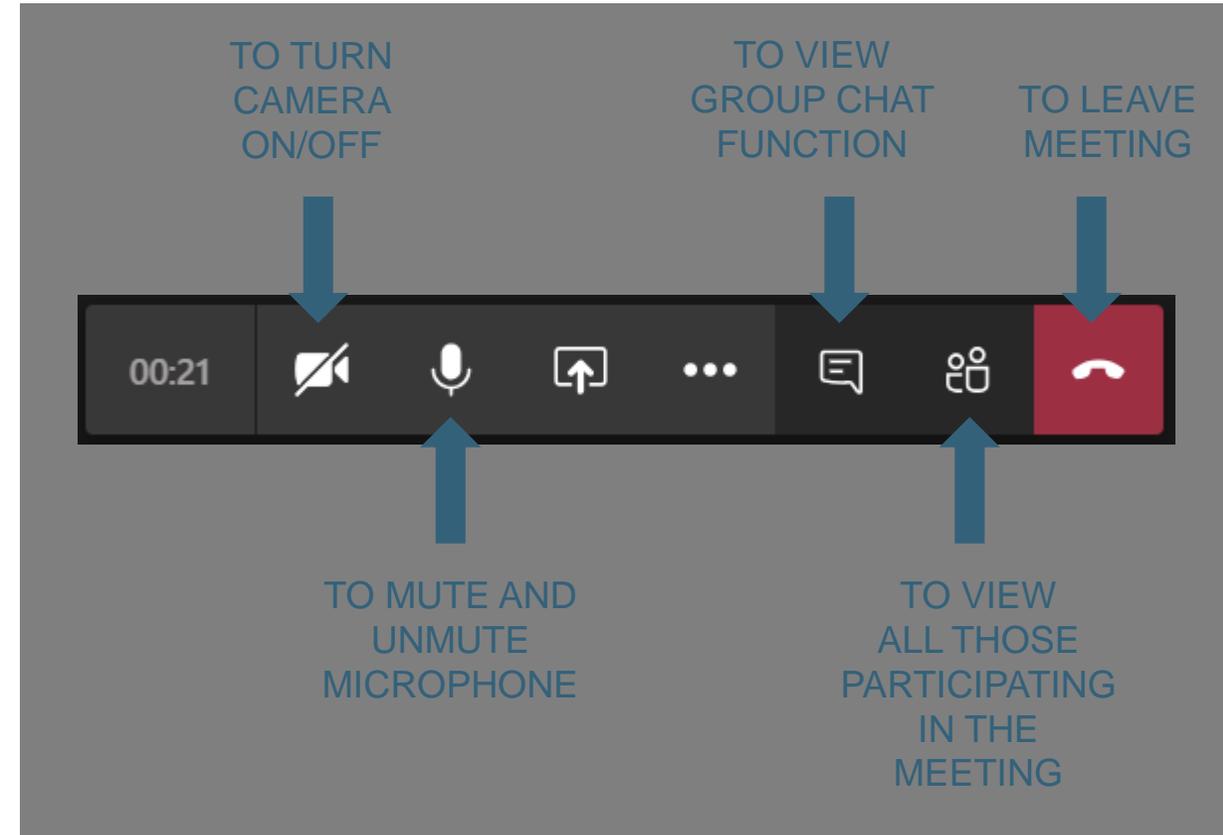


# WELCOME!



The Board meeting will begin shortly.

- Please **mute** your microphone or telephone and turn off your video unless speaking.
- **If using a phone line** for audio: Both mute the microphone on Teams and turn the volume all the way down on your computer (to reduce feedback and echoes).
  - You may need to press \*6 to unmute yourself during the meeting.
- **Questions** can be input into the chat function.





# AGENDA

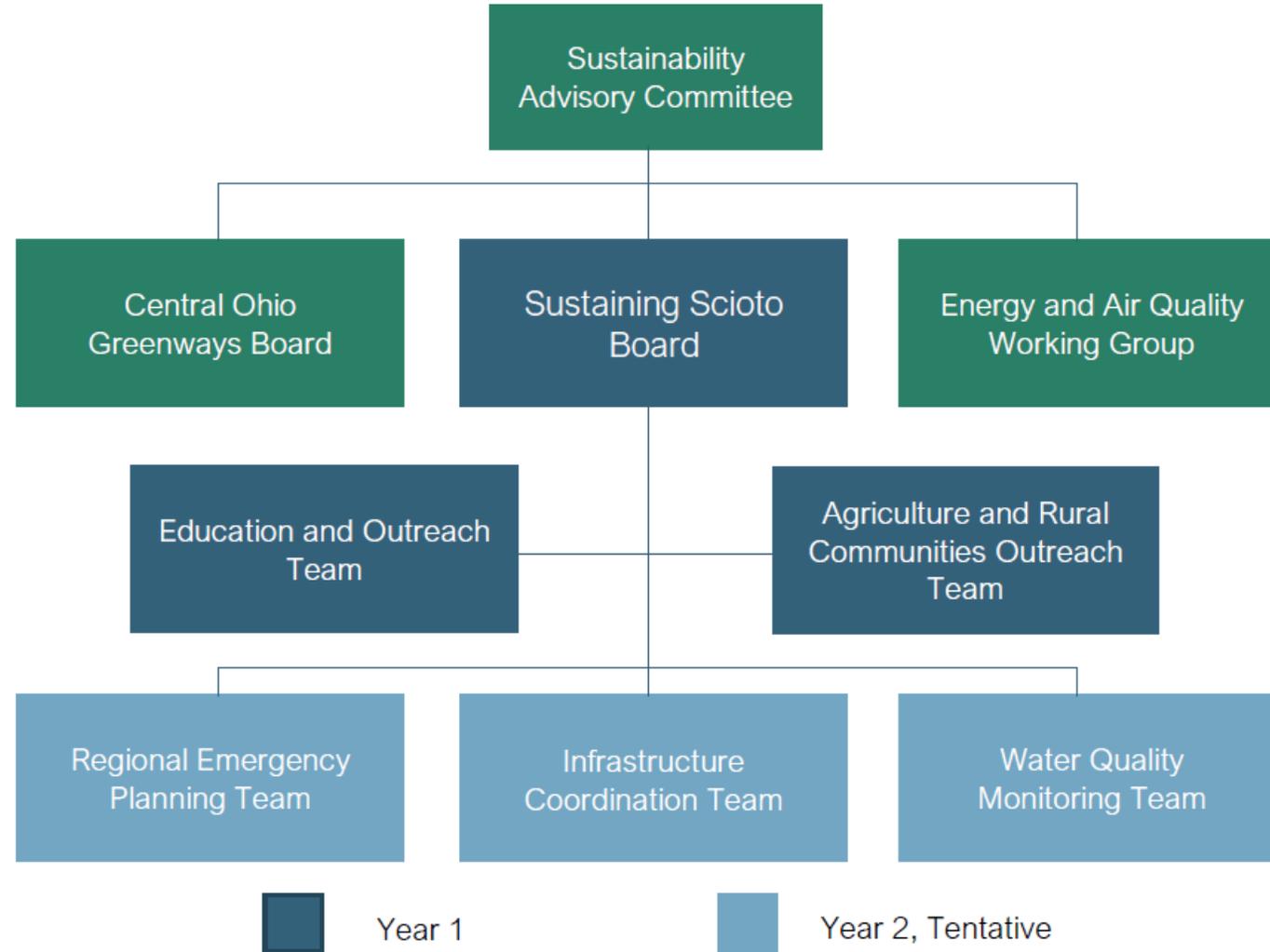


MORPC

1. Welcome and Introductions – *Kristen Atha, Chair*
2. **Sustaining Scioto Board By-Laws – *Brooke White, MORPC***
  - **Review and discuss**
  - **Vote to amend or approve**
3. Term Lengths – *Kristen Atha, Chair*
  - 1 or 2 year term, volunteer
  - Approval of determination process
4. Agricultural and Rural Communities Outreach Team – *Edwina Teye, MORPC*
  - Concept
  - Members
  - Funding
5. Water Quality Monitoring Planning – *Brooke White, MORPC*
  - Survey and Information Gathering
  - Scoping
  - Funding
6. Other Business and Next Steps – *Kristen Atha, Chair*



# SUSTAINING SCIOTO BY-LAWS





# SUSTAINING SCIOTO BY-LAWS



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## **Board Role and Expectations:**

- Serve as the voice of and driver behind regional climate adaptation to secure clean and abundant water for everyone.
- Attend regularly scheduled Board meetings, or send a proxy in the event that you can't attend.
- Provide input and support key objectives of MORPC's Public Policy Agenda and the SAC Agenda.
- Establish working teams as needed to address project implementation, funding, education and communication, and marketing.
- Advise and utilize the expertise of each working team under the Board.



# SUSTAINING SCIOTO BY-LAWS



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## **Term**

The Chair and Vice Chair will have a 2-year term on the Board. After the 2-year term expires, the SAC Chair and MORPC's Executive Director shall appoint a Chair and Vice Chair with the advisement of MORPC staff with the option to renew the term of the standing Chair and Vice Chair not to exceed two terms.

To stagger the expiration of terms, one-half of the initial members shall serve for one-year terms and one-half of the members shall serve for two-year terms. Thereafter, as terms expire, all members shall serve two year terms with the option to renew upon being nominated and approved by the Board Chair and MORPC's Executive Director.



# SUSTAINING SCIOTO BY-LAWS



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## **Working Teams**

Board members are encouraged to either chair or be a member of one of the working teams as described below.

Initially, working teams will be established to focus on partnership, education and outreach, and the rural and agricultural communities. Other working teams may be established after the first year to focus on regional emergency planning, infrastructure coordination, and water quality monitoring. Each working team will be chaired by a Board member and will include both fellow board members as well as other interested stakeholders. The working teams will also coordinate with each other.



# SUSTAINING SCIOTO BY-LAWS



MORPC

## **Conflicts of Interest**

Whenever a Chair or Member has a financial or personal interest in any matter coming before the Sustaining Scioto Board, the affected person shall a) fully disclose the nature of the interest and b) withdraw from voting on the matter.

## **Quorum**

A quorum shall be defined as those members present (virtually or physically) and eligible to vote at any meeting. An affirmative vote of a majority of the quorum is necessary for any action taken.



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# SUSTAINING SCIOTO BOARD – TERM LENGTHS



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- 1. Email Brooke if strong preference for 1 or 2 year term**
- 2. Approval of random determination process**



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# Agricultural and Rural Communities Outreach Team

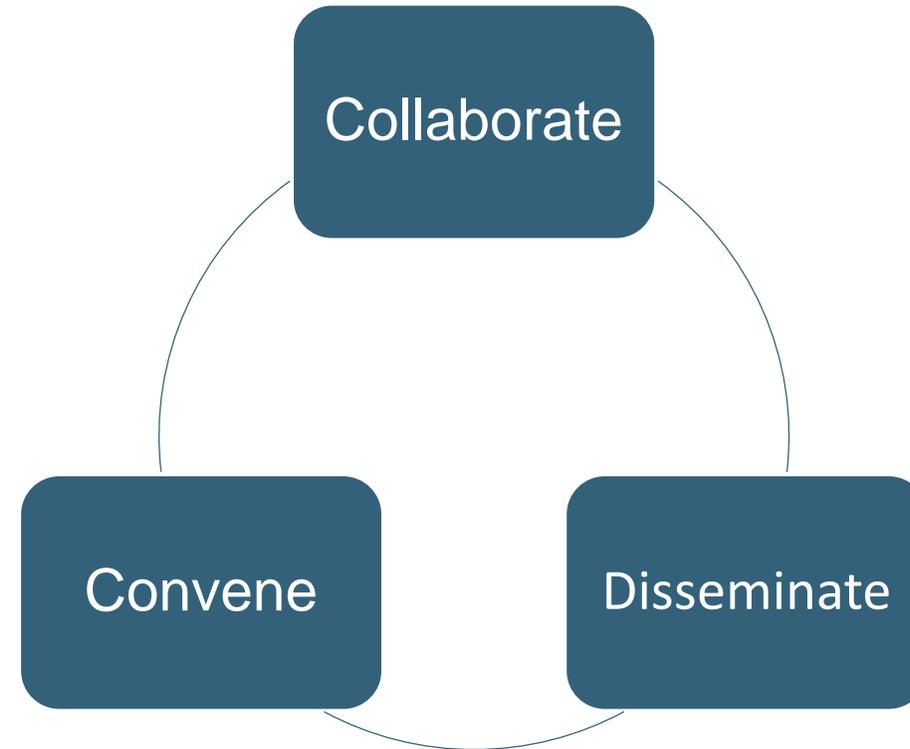


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## Potential Framework:

### Purpose

To facilitate regional collaboration with agricultural stakeholders in the Upper Scioto watershed, share relevant data and resources, and advance practices and programs that support improvements to surface water quality.





# Agricultural and Rural Communities Outreach Team



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## Opportunity for Membership

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## Funding





# AGENDA



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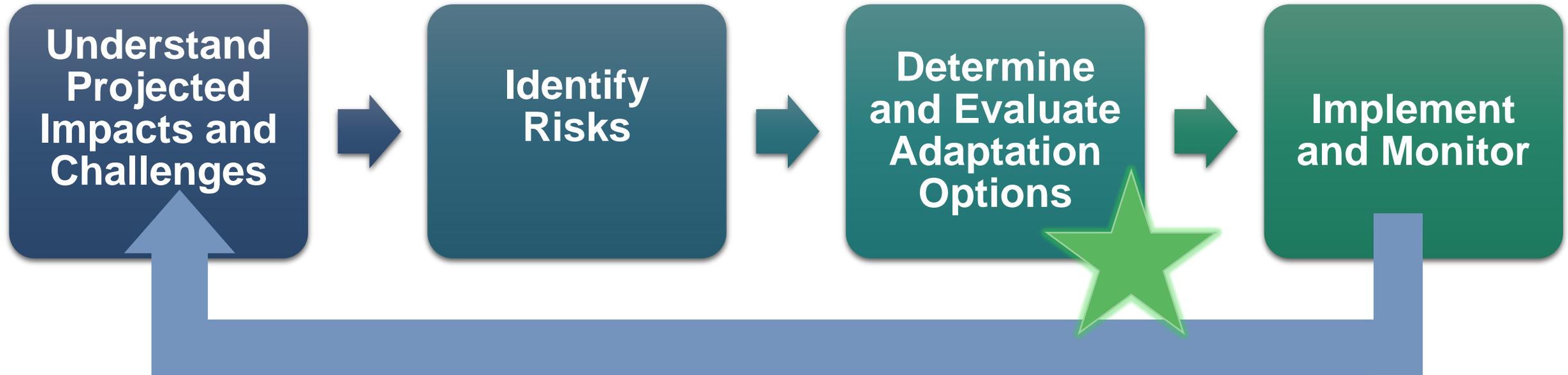
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# SUSTAINING SCIOTO PROCESS AND FINDINGS



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**Re-evaluate and adjust as new information becomes available**



# ADAPTIVE MANAGEMENT OPTIONS



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## Short Term (10 Years) 2015 – 2025

Conduct (expand) water quality monitoring throughout supply system and treatment process and identify primary sources of external and internal pollutants.

Establish SOPs for modified reservoir and treatment plant operation during high turbidity, algae, and organic events.

management

## Mid Term (10-30 Years) 2026 – 2045

- Regional Water Supply Planning
- Groundwater Supply Planning
- Water Reuse Planning
- Reservoir Capacity Planning
- Nutrient/Pollutant Reduction Planning and Implementation
- Re-evaluate climatic conditions

## Long Term (End of Century) 2046 – 2090

- Implement Improvements from Mid Term Plans
- Re-evaluate climatic conditions

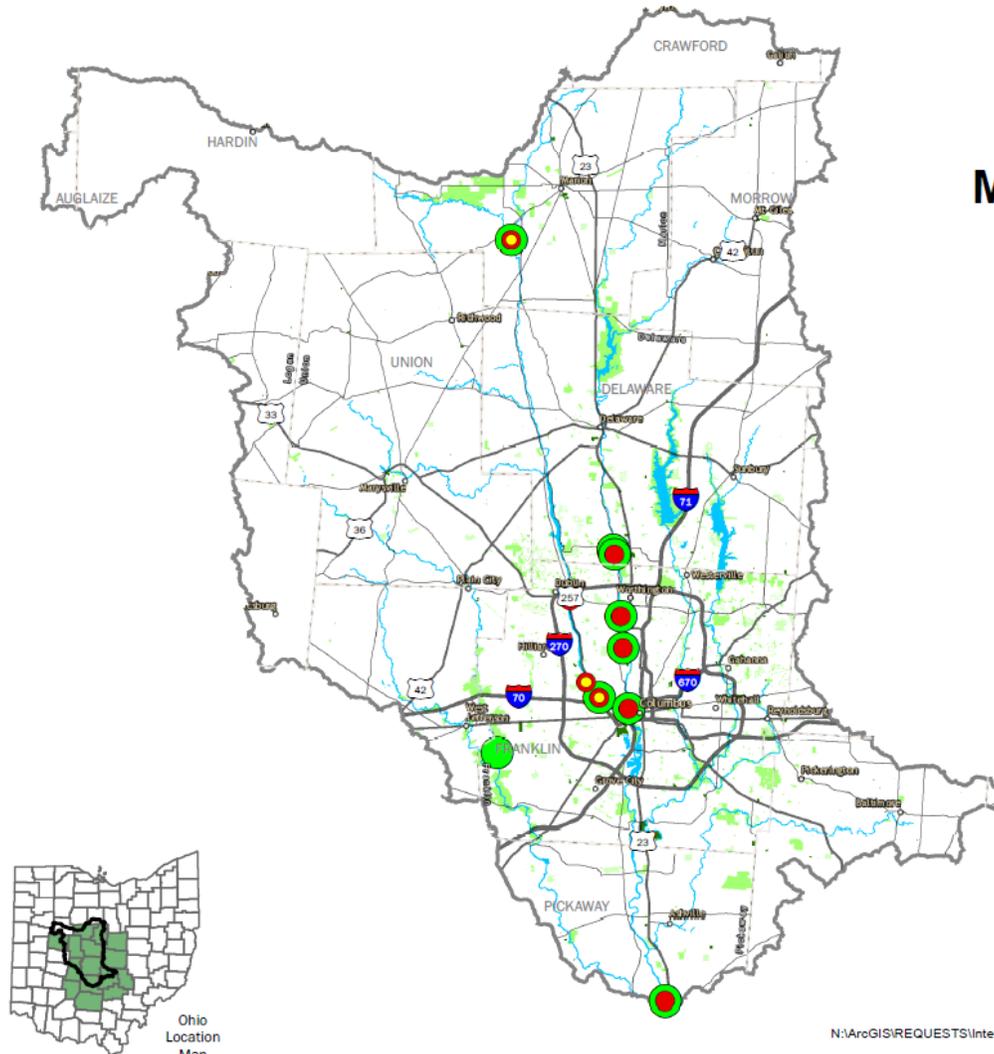


# Water Quality Monitoring Plan

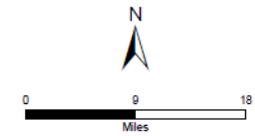


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## Upper Scioto Watershed Water Quality Monitoring Locations



- Physical Sampling Location (4)
- Chemical Sampling Locations (9)
- Biological Sampling Locations (9)
- Upper Scioto Watershed



The information shown on this map is compiled from various sources made available to us which we believe to be reliable.  
 N:\ArcGIS\REQUESTS\Internal\Water Quality Sampling\Upper\_Scioto\_Water\_Quality\_Monitoring.mxd  
 6/23/2020



# Water Quality Monitoring Plan



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## Organization

Ohio EPA

Ohio Department of Natural Resources

MidWest Biodiversity Institute

City of Columbus

- Sewers & Drains
- Division of Water
- Watershed Management

Franklin SWCD

## Planned Continued Outreach

Delco

City of Marysville

Other SWCDs

Kevin King

OSU Academics



# Water Quality Monitoring Plan



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## **Ohio Water Development Authority *Research and Development Grant Program***

- ***Application Due: July 31, 2020***
- ***Matching up to \$200k per year  
for 3 years***



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**Kristen Atha**

*Chair*

Sustaining Scioto Board

Kristen.Atha@aecom.com

**Mike Andrako**

*Vice-Chair*

Sustaining Scioto Board

mandrake@marysvilleohio.org

**Edwina Teye**

*Planning and Sustainability*

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