

Path Forward Committee (PFC) Meeting Agenda
January 3, 2023, **9:00 AM to 11:30**
In Person Meeting with Option for Remote Access Via Teams
(see last page of agenda for instructions)

Materials related to the PFC Meeting has been placed on the UNRBA website unless noted otherwise on the [UNRBA Meetings Page](#). A direct link to the meeting presentation for the January 3, 2023, meeting is provided here: [PFC January 3, 2023, PowerPoint Presentation](#).

I. Opening Comments, Agenda Review/Revisions — Co-Chairs Michelle Woolfolk and Terry Hackett

II. Modeling Status

Item Summary (Alix Matos): The Watershed Analysis Risk Management Framework (WARMF) model for the Falls Lake watershed has been calibrated for stream flows and water quality and the draft modeling report submitted to the Modeling and Regulatory Support Workgroup (MRSW) for review. The modeling team is compiling and responding to comments to prepare a draft for review by the PFC followed by formal submittal to DWR. The next version of the report will include results of watershed model sensitivity analyses and scenarios approved by the MRSW. The MRSW will review the status of the watershed modeling report this afternoon.

The three lake water quality models (WARMF Lake, Environmental Fluid Dynamics Code (EFDC), and a Statistical/Bayesian/Decision Support model) are being developed using the extensive database and studies developed and the Collaboratory-funded research. Tributary inputs to the lake models use the information generated by the watershed model (stream flows, nutrient concentrations, and delivered loads to Falls Lake). The modeling team is planning a workshop on February 6, 2023, with DWR and UNRBA members interested in running the WARMF model to train users on the new model interface and the set up for Falls Lake. The model team has also been working with the SMEs and DWR to continue to develop the EFDC model, and another meeting was held November 17th. There are some additional responses to comments made during the last SME meeting. Final calibration of the EFDC model will be presented at the MRSW meeting this afternoon. The lake modeling report is under development. The modeling team has been and will continue to reach out to Collaboratory-funded researchers to consider and supplement the extensive database developed by the UNRBA, our members, and DWR. The modeling effort has included extensive vetting through identified SMEs, third-party reviewers, our membership representatives, and DWR as the lake modeling effort moves forward.

III. Developing Recommendations for a Revised Nutrient Management Strategy and a Petition for a Site-Specific Chlorophyll-a Water Quality Standard

Item Summary (Forrest Westall): The PFC will continue their discussion on concepts and principles under consideration for inclusion in the UNRBA's recommendations for a revised Falls Lake Strategy/Revised Falls Lake Rules. Today's presentation will summarize the input received at our two previous meetings. As a reminder, the UNRBA has been meeting with DEQ and DWR leadership to discuss coordination efforts to finalize the models, develop a revised nutrient management strategy, and develop a petition for site specific criteria. We have continued to remind DWR that they would identify a contact for standards development, and they have filled their vacant standards management position, but have not yet identified a specific staff

member as the main point contact. John Huisman remains the primary DWR contact for work on an updated strategy. The UNRBA will continue to identify opportunities to work with other stakeholders as we move through this development process. The subject matter experts continue to evaluate other State's site-specific standards for chlorophyll-a and nutrient-related standards. The UNRBA continues to coordinate with and engage Dr. Marty Lebo to integrate his work into the statistical modeling and regulatory support efforts.

IV. Communications Support

Item Summary (Forrest Westall): There are several items of outreach that are underway including the continued engagement with DWR. The UNRBA is also planning for the WARMF Model Training with DWR and UNRBA members on February 6, 2023; a session at WRRRI's Annual Conference in March 2023; a Technical Stakeholder Workshop in spring 2023; a workshop with DWR/NC Policy Collaboratory/NGOs to discuss stakeholder feedback on the concepts for a revised nutrient management strategy planned for spring 2023; a joint symposium with NC Policy Collaboratory planned for early summer 2023, and a Stakeholder workshop to discussed the final recommendations for draft strategy in the fall of 2023. Expansion of outreach efforts through our Board Directors, PFC members and their elected and leadership representatives remains a priority. We continue to seek input from our membership on opportunities to reach out to important local stakeholders, including the people living in the jurisdictions. The Executive Director will continue to reach out to local government staff to identify needs and support staff with implementation of the IAIA Program and participation in developing the revised nutrient management strategy. The UNRBA website has been updated to include a separate tab for IAIA which includes a copy of the UNRBA Bylaws, IAIA Program Document, IAIA press releases, and the Year 1 annual report.

Coordination with the NC Policy Collaboratory and their Falls Lake researchers is very important and will need to expand during 2023. The Collaboratory's report on their Falls Lake work is due at the end of 2023.

The "open" nature of all of the UNRBA meetings remains a key component of a transparent communications approach. We continue to emphasize the importance of seeking member input to help identify needs related to communicating the work of the UNRBA to their jurisdictions and the citizens of their local governments. We encourage member representatives and interested individuals attending/participating in these meetings to speak up about ideas and opportunities to get the word out on our work and the importance of our recommendations on a revised strategy and a site-specific standard.

V. Other Status Items

Item Summary (Forrest Westall): Brief statements on ongoing activities:

- Intensive workgroup activity and management of expectations and resources—There remains a lot to do between now and recommendations at the end of 2023 (this will continue to be a "broken-record" message)
- Ongoing DEQ/DWR Items—MOA, Neuse Watershed Model Information Session / Delivery Factors for WWTP, etc.—we plan to address in our follow-up meetings with DEQ/DWR

VI. Closing Comments— Co-Chairs Michelle Woolfolk and Terry Hackett

Next BOD Meeting: January 18, 2023, 9:30 AM to Noon

Next PFC Meeting: February 7, 2023, 9:30 AM to Noon
 (Start time may be adjusted; no MRSW is planned for February)

This schedule may be revised, and notices will be provided about any change

Remote Access Instructions for the MRSW and PFC Meetings

This meeting will open 10 minutes prior to the official meeting start time to allow for users to test equipment and ensure communication methods are functioning.

Equipment Type	Access Information	Notes
Computers with microphones and speakers	Join Microsoft Teams Meeting Please mute your microphone unless you want to provide input.	Press control and click on this link to bring up Microsoft Teams through the internet. You can view the screen share and communicate through your computer’s speakers and microphone.
Computers without audio capabilities, or audio that is not working	Join Microsoft Teams Meeting (888) 404-2493 Passcode: 371 817 961# Please mute your phone unless you want to provide input.	Follow instructions above. Turn down your computer speakers, mute your computer microphone , dial the number through your phone and enter the passcode.
Phone only	(888) 404-2493 Passcode: 371 817 961#	Dial the toll-free number and enter the passcode. Please mute your phone unless you want to provide input.

Remote Access Guidelines

- If you dial in through your phone, mute your microphone, and turn down your speakers to avoid feedback
- Unless you are speaking, please mute your computer/device microphone or phone microphone to minimize background noise