



MEETING RECORD

Attendees:

RCC: Gavin Christie, Debbie Lee, Chris Winslow, Dale Hoff, Erich Emery, Kathy McKague, Michael Twiss, Ram Yerubandi, Rebecca Rooney, Réjean Couture, Sandra Eberts, Val Klump

Regret: Ian Campbell, Marty Blake

Staff: Lizhu Wang, Rob Phillips, Jennifer Boehme, Victor Serveiss

1. Appreciation of Deborah Lee's contribution as a Co-chair of RCC and approve draft agenda
 - RCC Co-chairs and members expressed sincere appreciation to Deborah Lee for her 3-year leadership and contribution to RCC's activities.
 - Agenda approved as presented.
2. Great Lakes Connecting Channel workgroup report
 - The first version of workgroup report was revised based on the input from workgroup members.
 - Next step - workgroup will provide further input by Friday next week (Oct 30).
 - Staff will develop a communication plan once the report is finalized.
3. Great Lakes Science Plan project update
 - The workgroup Co-chairs and contractor provided a presentation at the WQB meeting on October 15.
 - The preliminary survey on research expenditure indicated that the total research expenditure was ~\$290M USD/year when all sources are considered.
 - It was appointed out that this number seems low compared to the knowledge of RCC members.
 - The project has completed the Round-1 online survey. About 1,000 people were invited and 223 participants responded to the survey.
 - The workgroup is in the process of preparing the Round-2 survey by developing survey questions and figuring out how to enhance participation of indigenous and under-represented communities.

4. Operationalizing Great Lakes Early Warning System project update
 - The workgroup Co-chair briefly summarized that the project will be carried out through a process of literature review, three case studies, and a workshop. This is a two-year duration joint project with SPC.
 - A large workgroup has been established, including both IJC board members and external subject area experts. Michael Twiss is the co-lead and Gavin Christie, Rebeca Looney, and Ram Yerubandi are on the workgroup. The workgroup will have a call on November 12.
 - This project will be further discussed in the SAB meeting this afternoon.

5. Great Lakes Hydrological Conceptual Model project update
 - This project is a follow up project to the Great Lakes Surface and Groundwater Model Integration report that was completed in January 2019. This second phase project will develop a hydrological conceptual model that incorporates stakeholders' input for the Great Lakes basin.
 - The deliverables of the project will provide a framework for the development of basin-wide numerical models. This framework will make the models across the basin comparable.
 - The workgroup Co-leads had a call with the USGS project team who are carrying out a project funded by the USGS to conduct numerical modeling. The RCC project will provide information to fit into the USGS modeling process. The two projects are in complementary.
 - This work has a strong tie with Annex 8. Annex 8 U.S. Co-chair is on the workgroup.

6. Project development for the next funding cycle
 - Phase-2 of Nutrient Adaptive Management
 - This project would assess the progress that Annex 4 has made in establishing a Great Lakes nutrient adaptive management framework, evaluate to what extent Domestic Action Plans have achieved coordinated planning and implementation of a nutrient adaptive management framework, and identify monitoring program integration gaps.
 - There may be an overlap with the SPC/WQB Nutrient Synthesis project in the part of analyzing the Domestic Action Plans. The RCC workgroup lead and staff had a call with the leads of Nutrient Synthesis project. RCC workgroup lead will revise the workplan and have another call to finalize the workplan.
 - Debbie Lee and Ram Yerubandi would like to serve on the workgroup of SPC/WQB Nutrient Synthesis project.
 - It was mentioned that this work will initially focus on Lake Erie, but it can be modeled for the other Great Lakes.
 - The deadline to complete the workplan is the end of December.

 - Making the Most of Community Science

- This project would:
 - identify existing citizen science resources available to evaluate current and emerging water quality issues.
 - compile state and federal agencies guidelines on “credible data”.
 - assess if existing citizen programs and resources meet desired academic and agency data rigor.
 - compile best practices across existing materials.
 - identify and create professional development services that are available to citizen science practitioners.
- Kathy McKague would like to co-lead this project.
- Rebecca and Sandy are interested in serving on the workgroup.
- Ohio EPA has a community science program focusing on water quality, fish, and macroinvertebrates. The intent of the RCC project is on water quality.
- It was mentioned that the project may need to consider program and data sustainability. It will need resource to maintain equipment and data.

7. Board Appearance messages development

a) Board Co-chairs joint message

- It was mentioned that the RCC Co-chairs have participated the Great Lakes Board Co-chairs call and identified the importance of monitoring and sensing issue. The Great Lakes Boards Co-chairs had a call with Commissioners and received positive feedback in pursuing this topic. The Great Lakes Board Co-chairs will reconvene shortly to discuss the next steps in advancing this effort.
- The topic of reviewing organizational and institutional effectiveness was discussed. The Great Lakes Board Co-chairs are thinking to develop a project on reviewing the effectiveness of our organizational and institutional effectiveness (includes but not limited to previous IJC recommendations to the Parties). This work will include making SMART recommendations and focus broadly on issues of what makes certain projects and topics really resonate and others less so.

b) 50th Anniversary ideas

- It was decided that RCC will engage with the existing efforts because RCC already has a lot on its plate.

8. Board appearance with Commissioners

- Discussed the slide set prepared by staff.
- Members would provide further input by 6:00 PM today.
- RCC Co-chairs will meet with staff in early morning of the next day to finalize the slides.

9. Preparation for SAB meeting

- The discuss would focus on joint projects and new project ideas.
- It may need more discussion with SPC on the phase-2 of the nutrient adaptive management project.

10. Other business

- None

11. Adjourn

Science Advisory Board
Research Coordination Committee



October 22, 2020
10:00-12:00 ET

Conference Call

Virtual Meeting

DRAFT AGENDA

Time	Topic	Lead
10:00-10:05	Welcome and roll call Appreciation of Debbie' contribution as a Co-chair of RCC Approval of draft agenda	Co-chairs
10:05-10:15	GL Connecting Channel workgroup report (<i>Draft report will be distributed before the meeting</i>)	Michael
10:15-10:25	GL Science Plan update	Val
10:25-10:35	Operationalizing GL Early Warning System	Michael
10:35-10:45	GL Hydrological Conceptual Model	Sandy/Réjean
10:45-11:15	Project development for the next funding cycle <ul style="list-style-type: none">Phase-2 of Nutrient Adaptive Management (<i>Attachment 1</i>)Making the Most of Community Science (<i>Attachment 2</i>)	Co-chairs Debbie/Gavin Chris
11:15-11:35	Board Appearance messages development <ul style="list-style-type: none">Board Co-chair joint message (<i>Attachment 3</i>)50th Anniversary ideas (<i>Attachment 4</i>)	Co-chairs/all
11:35-11:45	Discussion with Commissioners (<i>slides will be shared at the meeting</i>)	Co-chairs/All
11:45-11:55	Preparation for joint meeting with SPC	Co-chairs/All
11:55-12:00	Other business	All
12:00		Adjourn

Supplement 1 – Great Lakes board current projects.