



2020 Informational Webinar

November 17, 2020



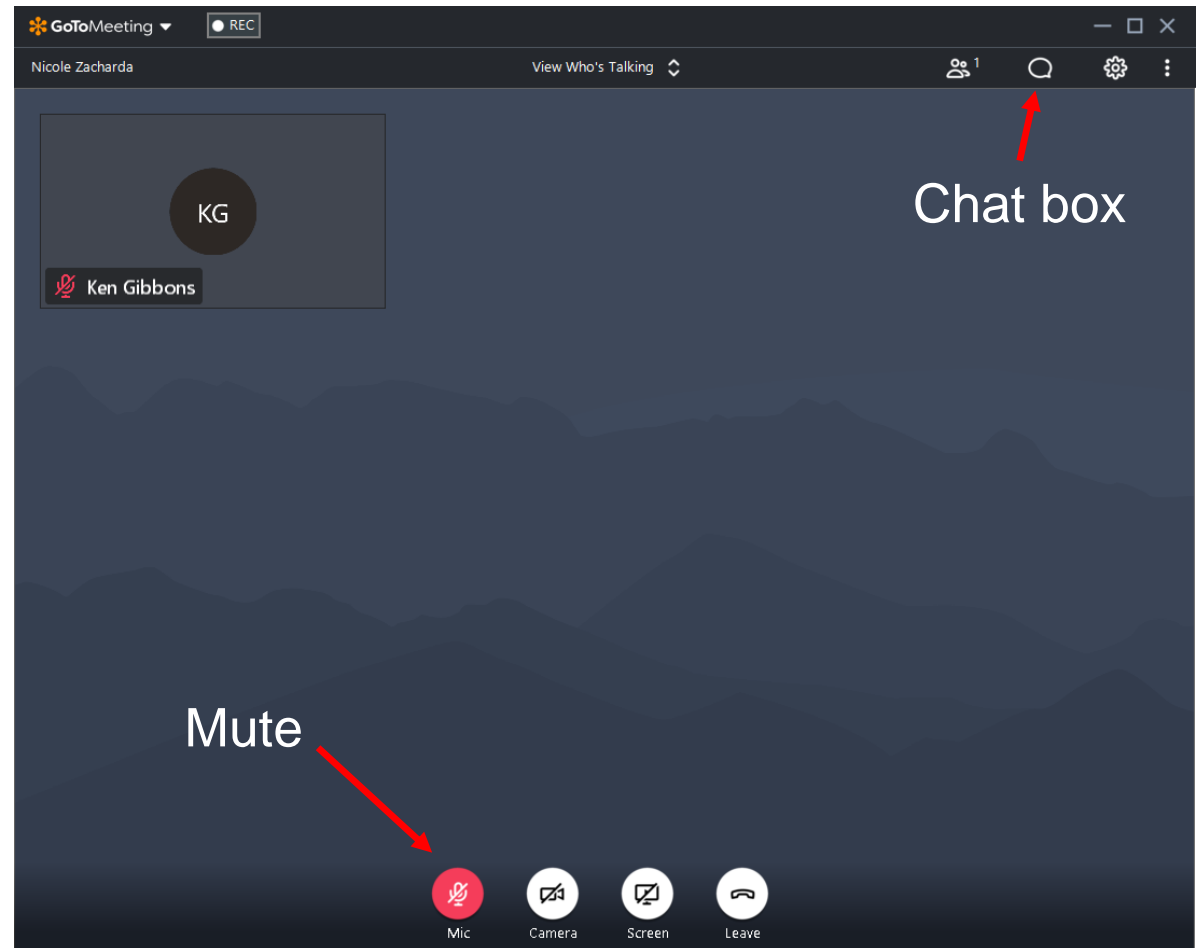
Welcome and Opening Remarks and Introductions

- Tom Crane, GLC
- Karen Keil, USACE-Buffalo
- Dan Breneman, Minnesota PCA



Webinar Logistics

- Please keep your line muted
- Please submit your questions using the chat box. Questions will be answered at the end of each presentation.
- If you have technical issues, please submit them through the chat box.





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Agenda

9:00 a.m. CST / 10:00 a.m. EST	Welcome and Opening Remarks and Introductions	Tom Crane, GLC Karen Keil, USACE-Buffalo Dan Breneman, Minnesota PCA
9:10 a.m. CST / 10:10 a.m. EST	Agenda Review and Meeting Logistics	Dave Knight, GLC
<i>Informational Webinar</i>		
9:15 a.m. CST / 10:15 a.m. EST	Evaluation of Dredged Sediment for Aquatic Placement: Interpreting Contaminant Bioaccumulation	Andrew McQueen, USACE ERDC
10:00 a.m. CST / 11:00 a.m. EST	Technical and operational Issues related to Great Lakes navigation dredging: a discussion of priorities and research needs	Jennifer Miller, USACE-Chicago Scudder Mackey, Ohio DNR
10:20 a.m. CST / 11:20 a.m. EST	Wrap up and close out	Dave Knight, GLC



GREAT
LAKES
DREDGING
TEAM

Nov 2020 Webinar Meeting

November 17, 2020

**Technical and operational issues related to
Great Lakes navigation dredging: a
discussion of priorities and research needs**

The background image shows a wide, sandy beach with a large dune on the left. In the distance, there are green trees and a large, multi-story house. The water is calm, and a yellow buoy is visible in the distance. The overall scene is a typical Great Lakes shoreline.

Great Lakes Dredging Team Technical Committee

Committee priorities include:

- Assurance of a **safe, reliable Great Lakes navigation infrastructure**
- Advancement of the **technology of dredging and dredged material management** in the Great Lakes and connecting channels
- Promotion of **maximum efficiency, cost-effectiveness, sustainability and timeliness** in the dredging process and in the management of dredged material
- Support and advancement of **science-based policy and best environmental management practices** in dredging and dredged material management



Work Plan Update

From the September 2020 meeting:
2020 – 2021 work plan topics

1. Beneficial Use “Lessons Learned”
2. Environmental Evaluation and Management of Dredged Material for Beneficial Use*
3. Beneficial Use and Federal Requirements for Dredged Materials
4. Beneficial Use GIS Database Development
5. Regulatory Issues related to Beneficial Use of Dredged Material
6. Research on Environmental Windows
7. Exploring strategies for modifying environmental dredging windows in Lake Michigan – Symposium planned for Spring 2021, Chicago*

*Complete or in final planning stages



Open Discussion

What are key *technical and operational* issues that need additional information or research?

Dredge Material Placement/Dewatering Technologies

- Explore new technologies to rapidly dewater dredge material
- Performance, geotechnical and environmental criteria (water quality)
- Assess material removal and beneficial reuse
- Other?



Regulatory

- Implement design-build regulatory approach for beneficial use projects
- Incorporate adaptive management plan into permit conditions to provide additional flexibility
 - Address uncertainties (e.g. material characteristics and behavior)
 - Phased assessment and monitoring approach
 - Establish criteria and actions based on existing conditions
 - Long-term commitment (up to ten years)

Questions/Ideas?

Please feel free contact the technical committee organizers:

- Scudder Mackey, Ohio DNR
scudder.mackey@dnr.ohio.gov
- Jennifer Miller, USACE Chicago
jennifer.miller@usace.army.mil



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Wrap up and close out

Dave Knight, GLC