



Presentation Guidelines

International Association for Great Lakes Research
64th Annual Conference on Great Lakes Research

Instructions for oral and poster presenters

IAGLR 2021 is 100% virtual! All plenaries, technical sessions, and group gatherings will be broadcast live via Zoom May 17-21. Presentations in the technical sessions will be pre-recorded and submitted in advance but will be played “live” during the conference followed by Q/A with the presenter. The full schedule including all sessions and individual presentations is available at iaglr.org/iaglr2021/program.

Deadline to upload your presentation video: 11:59 p.m. EDT on May 9, 2021 (Sunday)

To submit your presentation, you will need to follow the three steps detailed below, following the guidelines noted here for oral and poster presentations:

- **Oral:** Prepare a 12-minute talk with slides. We recommend PowerPoint. Maximum length of the presentation is limited to 12 minutes, which will be followed by 2 minutes of Q/A, and 1 minute for transition to the next speaker. Please be sure to adhere to the 12-minute limit to ensure that your presentation does not need to be truncated during the “live” session.
- **Posters:** Poster presenters do not need to submit a video in advance. Rather, a PDF of the poster should be submitted (follow bullet 4 of the Upload instructions on page 2). Each poster presenter should develop a 2-minute lightning-style presentation and be prepared to deliver it in their assigned Zoom room during the poster session portion of the conference. Posters will be presented in one of two Zoom breakout rooms, which will relate presentations in similar tracks. Following all 2-minute presentations, poster presenters will enter pre-assigned breakout rooms, where conference attendees can join them for Q/A and additional discussion.

Follow the three steps and the tips noted below for preparing oral presentations:

1. PREPARE

- Create your slides or poster as usual.
- Only include slides in the presentation that you are actually going to present (no extra slides at the end), otherwise if you use PowerPoint, it will automatically include them in the recording.
- Make sure your title slide clearly includes the presenting author name, affiliation and photo. We also recommend that you include co-authors and your email and Twitter handle to make it easy for people to reach out to you to discuss your work.
- Embedded video and animations in your presentation will work as long as your screen capture/presentation software can handle them. Just make sure to test them before you record your presentation.
- Rehearse your talk before recording. Ensure it is no longer than 12 minutes in length (a few seconds over is ok).

2. RECORD

- Ensure you have a microphone hooked up to your computer. This will not work if you do not have a microphone. If you have multiple microphones make sure you select the one that you want to use during recording. PLEASE check your microphone settings before beginning recording. Here is some help for [Windows 10](#) and [Windows 7](#). Please speak clearly and toward your microphone. Sit up straight!

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- If you do not use the thumbnail view of your webcam during your presentation, please include your photo on the title page.
- Choose how to record your presentation AND create your MP4 file to export.
 - **PowerPoint:** Depending on your version, you may be able to use the built-in recording features. The best version for this is 2016, but earlier versions work as well. For help, see [Microsoft's tutorial](#) or the [Univ. of Wisconsin tutorial](#). Make sure to Export your presentation after you have added your audio and optional video (File>Export). Export as Full HD or Presentation Quality if possible. It may take up to 30 minutes to export if you embedded a video. Only upload the MP4 file created after Exporting.
 - **Zoom:** Host a meeting and record locally. See [Zoom tutorial](#). Once you end your meeting, your video recording will process. By default, your recordings are stored in your “Documents/Zoom” folder. One folder is created for each zoom meeting. You MUST record your presentation as one continuous recording. Do not start/stop recordings. You can pause the recording. If you do stop and start recording, Zoom will create a file for each start/stop and we will not stitch them together for you. We only need the file that ends in an “.mp4” extension.
 - **Screen Capture Software:** There are many options for this:
 - **Apowersoft - Screen Capture:** Make sure to minimize the recording bar while capturing, and make sure to test your mic. This uses a small screen capture browser extension. Free to use. Recordings are located in your “Documents\Apowersoft\Apowersoft Online Screen Recorder\” folder.
 - **Loom:** Free for everyone during COVID. This uses a desktop program (recommended) or a Chrome plug-in. Your recorded video is automatically posted to your loom online account. Download your video file to your local computer per these [instructions](#).

3. UPLOAD

All uploads of oral and poster presentations are due **on May 9, 2021**.

- Locate your MP4 file locally on your computer and play it. Please make sure your audio works. File size is not an issue.
- **Rename** your MP4 file locally on your computer before you upload so that we can easily determine what abstract it should be matched up with. Follow this format for the filename:
(First Three Words of) **SessionName_Day_RoomNumber_LastName_FirstName.mp4** (e.g., “GreatLakesCoastal_Wed_Room2_Smith_John.mp4”).
- Upload the MP4 file to the IAGLR21 Google Drive:
<https://drive.google.com/drive/folders/1WPkG6dIkQSy8aSB0SuW3o1IG8DARGkNz>
- Upload the PDF of your poster to the IAGLR21 Google Drive:
<https://drive.google.com/drive/folders/1WPkG6dIkQSy8aSB0SuW3o1IG8DARGkNz>

Alternative upload option

If you are precluded from using Google Drive, we suggest following the directions for WeTransfer on the following page.

Questions?

If you have any questions about submitting your presentation, please contact the IAGLR21 Program Committee co-chairs or the conference coordinator:

- Judith Perlinger, jperl@mtu.edu, (906) 487-3641; or Gordon Paterson, gpaterso@mtu.edu, (906) 487-1120
- Christine Manninen, christine@iaglr.org, (734) 560-8598

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Session List

Please use the following session numbers to construct the filename of your presentation.

Watersheds, Groundwater, Tributaries, and Coastal Processes

1. Role of ag BMPs on the export of nutrients and contaminants into waterways
2. Great Lakes coastal storms, water levels, and shoreline impacts
3. Exploring the role of groundwater in the Great Lakes basin – the invisible bridge
4. Linking science and restoration in the Great Lakes connection channels

Great Lakes Limnology, Health, and Climate

5. Invasive species
6. Analysis of cumulative impacts on the environment
7. Running out of oxygen: Dynamics and impacts of hypoxia in large lakes
8. My lake, their lake, our lakes: Perspectives from lakes Michigan to Malawi
9. Physical processes in lakes

Fish, Fisheries Management, and Trophic Food Web Dynamics

10. Biogeochemistry, bacteria, benthos and lower trophic level ecology
11. Fish growth, health and ecology
12. Spatial considerations to Great Lakes fisheries management
13. Bridging connections: Rewiring of Great Lakes food webs under ecological change

Technology, Innovation, Data Management, and Remote Sensing

14. Data-driven innovation: Monitoring, networking, and analytics for Great Lakes
15. Great Lakes observing: Advances, best practices, challenges
16. Bridging knowledge on detection methods to manage Great Lakes invasive species
17. Improved prediction via model coupling, data assimilation, and machine learning

18. Coastal remote sensing

Integration of Science and Management

19. Linking quality systems with adaptive management for ecological restoration
20. Operationalizing an early warning system for the Great Lakes
21. Integrated modeling and valuation of ecosystem services in the Great Lakes
22. Improved measuring of Great Lakes-St. Lawrence River basin water quantity
23. Decision support tools: A bridge from environmental monitoring to knowledge
24. Global to local: Canada's post-2020 freshwater biodiversity goals and targets

Traditional Knowledge

25. Bridging knowledge systems between indigenous and nonindigenous communities

Education, Outreach, and Justice, Equity, Diversity, and Inclusion (JEDI)

26. Bridging the divide between Great Lakes research and youth engagement
27. Spread the word, engage the world
28. The UN Decade on Restoration: Advancing restoration with community partnerships
29. Justice, Equity, Diversity, and Inclusion (JEDI) in the IAGLR community

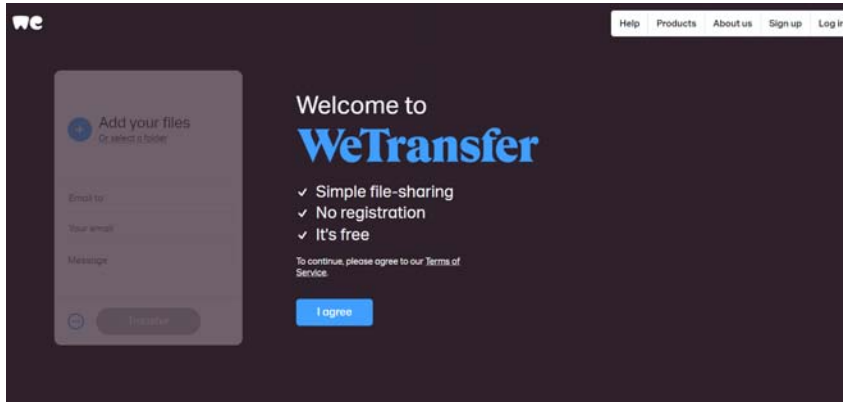
Chemicals, Emerging Contaminants, and Harmful Algal Blooms (HABs)

30. Using multidisciplinary techniques to understand contaminants in the Great Lakes
31. Marine debris and microplastic in the Great Lakes: Sources, impacts, and solutions
32. Great Lakes HABs: Bridging ecology, human dimensions, and management

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How to Transfer Your Video Using the Online App – WeTransfer

- 1) Create a folder on your computer titled IAGLR21 Video Presentation
 - a. Place your video in this folder.
- 2) Open Wetransfer.com. The landing page will look like this:



- 3) Agree and Accept Cookies
- 4) Follow directions for uploading a file folder –
 - a. Select your folder named “IAGLR21 Video Presentation” which includes your video presentation.
 - b. Add christine@iaglr.org to the “Email To”
 - c. Add your email
 - d. Use the Transfer button to initiate the transfer
- 5) Enter the verification code from your email which will come from WeTransfer
 - a. Click “verify”
 - b. You will see a spinning icon showing the transfer process
- 6) You will see the message “You’re Done” once the transfer is complete.
- 7) You will also receive email confirmation that your files have been sent.