When and how to write a paper for the Journal of Great Lakes Research

Editor’s Workshop
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Robert Hecky, JGLR Editor
Stephanie Guildford, JGLR Assistant Editor
Norine Dobiesz, JGLR Technical Editor, Michigan State University
Overview

• Journal description and purpose

• Publication process
  – Authors
  – Editors
  – Publishers
  – Media promotions
Background

• 1957 - Great Lakes Research Division, Institute of Science and Technology, University of Michigan
  – published annual Proceedings of the Great Lakes Research
• 1967 – IAGLR was formed and conducted annual meetings
• 1974 - began publishing the Journal of Great Lakes Research (JGLR), now in its 43rd volume
• Advantage of the journal’s association with IAGLR
  – A pool of great lakes experts to approach for reviews
  – Reviewers know our lakes and care about the quality of their reviews because they care about the lakes
Journal Description / Purpose

- **Focus:** world's large lakes and their watersheds
  - Large lakes ~ mean surface area of greater than 500 km$^2$

- **Multidisciplinary topics**
  - Theoretical and applied topics in natural and social science
    - Fields include biology, chemistry, physics, geology, economics, and policy

- **Also welcome contributions on**
  - Smaller lakes considered especially if the lakes are very deep
  - Saline lakes
  - Research on estuarine waters where the results have application to large lakes

- **Published six times per year**
Types of papers

• **Articles**
  – Original research results

• **Reviews**
  – In depth reviews of a particular topic or field

• **Notes**
  – Short articles on brief but complete projects, significant observations, or preliminary findings

• **Commentaries**
  – Informational or opinion papers relevant to large lakes research, or are reflections on previously published papers

• **Editorials**
  – Opinions or ideas of the author(s)
  – One journal page in length, published at the beginning of an issue
Publication overview and interactions

Authors → Journal Editors → Publisher → Journal Promotion

Reviews → Admin

Proofs

Media promotions
AUTHORS

Conduct research

- Do good research
  - Read literature, know the topic
  - Define research question
  - Collaborate as needed
  - Sound study design

Decision to submit to JGLR

Yes

Edit and format

Online submission
REMEMBER: positive and negative results advance your research area
Decision to submit to JGLR

• Is my research...
  ▪ An enhancement of published work?
  ▪ Using original methods or results?
  ▪ A review of the subject or field?

• Fit the purpose of the journal?

• Does journal reach your target audience?
AUTHORS

- Conduct research
- Decision to submit to JGLR
- Yes
- Edit and format
- Online submission

Edit and format manuscript

- Check Guide for Authors
  https://www.journals.elsevier.com/journal-of-great-lakes-research

- Manuscript preparation
  - Language
    - American or British English language, not a mixture of
  - Abbreviations
  - Nomenclature and units
  - Equations
  - Article Structure
AUTHORS

Decision to submit to JGLR

Yes

Edit and format

Online submission

Conduct research

Article Structure

- **Title page:** Title, author names and affiliations, corresponding author
- **Abstract:** Summary of manuscript
  - 250 words or less
- **Keywords:** Minimum 2, maximum 6
- **Introduction:** Introduce the subject matter
- **Methods:** Detail methods used
- **Results:** Concise summary of results
AUTHORS

Conduct research

Decision to submit to JGLR

Yes

Edit and format

Online submission

Article Structure

- **Discussion**: Highlight significance of results; may be combined with Results section

- **Conclusion**: Main conclusions of research; may be combined with Discussion or a Results/Discussion section

- **Acknowledgements**: List others who participated or funded this research

- **References**: List of references
  - Personal communications and web references are only listed in the text
AUTHORS

Decision to submit to JGLR

Yes

Edit and format

Online submission

Article Structure

- **Tables**: One table per page in portrait format with table number and caption above each
- **Figure Captions**: Start section on new page and list figure captions in numeric order
- **Figures**: Separate files for each (Fig1, Fig2, etc.) OR all figures in one document (Figures)
- **Appendices**: Each appendix as a separate file after the figures
- **Supplementary Material**: As a separate files after any appendices or figures
AUTHORS

Online submission – Have ready:

- Letter to the Editor
- Formatted manuscript
- Table & Figure files
- Other: appendices, supplements, ...
- Author list
  - Consider list and order
  - Need Editor’s permission to change or delete after you submit
  - Publication could be suspended until resolution reached
- Suggested reviewers – 4 names
Online submission

• Submission address
  http://www.ees.elsevier.com/glr

• Guides you through process of entering your article details and uploading files
  • Editable files (e.g., Word, LaTeX) required to typeset your article for publication

• Converts files into a single PDF file used in peer-review process

• All correspondence, including notification of the Editor's decision and requests for revision are sent by e-mail to the corresponding author
Journal of Great Lakes Research

Devoted to Research on Large Lakes of the World and their Watersheds.

Official Journal of the International Association for Great Lakes Research.

Welcome to the online submission and editorial system for the Journal of Great Lakes Research.

The Journal of Great Lakes Research is multidisciplinary in its coverage, publishing manuscripts on a wide range of theoretical and applied topics in the fields of biology, chemistry, physics, and geology of the large lakes of the world and their watersheds. We also welcome contributions on saline lakes. Research on estuarine waters may be considered if the results have application to large lakes. Large lakes generally are considered as those lakes which have a mean surface area of >500 km² (see Herdendorf, C.E. 1982. Large lakes of the world. J. Great Lakes Res. 8:379-412, for examples), although smaller lakes may be considered, including very deep lakes. For example, the Journal has published papers on the Finger Lakes and, more recently, on Quesnel Lake in British Columbia.
Editorial process

- Manage all submissions and peer review process
- Decision to accept, modify, reject

AUTHORS: Revise and resubmit

Pre-production
**Editorial process**

- Manage all submissions and peer review process
- Decision to accept, modify, reject
- Authors: revise and resubmit
- Once paper is accepted, editorial office handles pre-production checks before sending to publisher
Publication process

- Authors receive proofs, revise as needed, return to Elsevier
- Paper moves to production and is typeset for publication
- Paper is announced online with DOI
- Journal promotions posts title and abstract on Facebook
- Completed issue = paper is formally released on Science Direct with page numbers
- Journal promotions contact selected authors to highlight papers on social media
Enhanced journal media promotions

• Promotion Team posts all manuscripts on Facebook with a basic posting
Enhanced journal media promotions

• Promotion Team will contact selected authors for expanded posts on Facebook and Twitter

• Authors can contact the Promotions Team Chair, Jory Jonas, at jglrpromo@iaglr.org if they want an expanded posting
  – Description
  – Photos and/or figures
Enhanced journal media promotions

- Selected articles are also highlighted
  - on the IAGLR website http://www.iaglr.org/journal/releases/
  - IAGLR newsletter on a periodic basis
Remember.....

• Determine if there’s a fit between your research topic and the journal’s purpose and audience
• Follow the **Guide to Authors** when preparing your manuscript
• Have files and associated information ready when you login to EES
• Follow instructions in emails as you progress through reviews and proofs
• Be prepared to respond to inquiries from the Promotions Team so your research gets promoted through social media
• **Do not hesitate to contact us if you run into problems or have questions during ANY stage of the process**