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RESEARCH INTERESTS

Great Lakes; Mississippi River; monitoring and assessment; Areas of Concern; lakes; physical limnology; fish habitat; lake ice; long-term changes; climate change; climate change adaptation; water resources management; water supply; stormwater engineering; water use; water quality; watershed modeling; human-environmental interactions

EDUCATION

Ph.D., Civil and Environmental Engineering 2016
University of Wisconsin-Madison
Dissertation: *Simulation of lake thermal structure, ice cover, and fish habitat in response to changing climate*
Advisor: Dr. Chin Wu
Thesis Committee: Trina McMahon, Paul Block, Peter McIntyre, Paul Hanson

B.C.E., Civil Engineering 2010
University of Minnesota
Senior Design Thesis: *Design of vector waste receiving site at Metropolitan Wastewater Treatment Plant, Saint Paul Minnesota*
Graduated with high distinction

PROFESSIONAL APPOINTMENTS and EXPERIENCE

Monitoring Program Coordinator 2018 –
Office of Great Waters - *Lake Superior, Lake Michigan, Mississippi River*
Wisconsin Department of Natural Resources

Postdoctoral Research Fellow 2016 – 2018
Center for Limnology, University of Wisconsin – Madison
Northeast Climate Science Center Postdoctoral Fellow
Advisor: Peter McIntyre

Graduate Research Assistant 2010 – 2016
Civil and Environmental Engineering, University of Wisconsin – Madison
Advisor: Chin Wu

Water Supply Planning Intern 2010
Metropolitan Council of the Twin Cities

Civil Engineering Intern 2009 – 2010
University of Minnesota

Engineering Assistant 2006 – 2010
University of Minnesota

PEER REVIEWED JOURNAL ARTICLES

- Ackiss, A.S., **Magee, M.R.**, Sass, G.G., Turnquist, K., McIntyre, P.B., Larson, W.A. 2021. Genomic and environmental influences in resilience in a cold-water fish near the edge of its range. *Evolutionary Applications*. Doi: 10.1111/eva.13313
- Magee, M.R.**, Hein C.L, Walsh J.R., Shannon, P.D, Vander Zanden, M.J., Campbell, T.B., Hansen, G.J.A., Hauxwell, J., LaLiberte, G.D., Parks, T.P., Sass, G.G., Swanston, C.W., Janowiak, M.K., 2019. Scientific advances and adaptation strategies for Wisconsin lakes facing climate change. *Lake and Reservoir Management*. doi: 10.1080/10402381.2019.1622612
- Sharma, S., Blagrove, K., Magnuson, J.J., O'Reilly, C.M., Oliver, S., Batt, R., **Magee, M.R.**, Straile, D., Weyhenmeyer, G.A., Winslow, L., Woolway, R.I. 2019. Widespread loss of lake ice around the Northern Hemisphere in a warming world. *Nature: Climate Change*. 9: 227-231. doi: 10.1038/s41558-018-0393-5
- Magee, M.R.**, McIntyre, P.B., Hanson, P.C., Wu, C.H. 2019. Drivers and management implications of long-term cisco oxythermal habitat decline in Lake Mendota, WI. *Environmental Management*. 63 (3): 396-407. doi: 10.1007/s00267-018-01134-7
- Hamilton, D.P., **Magee, M.R.**, Wu, C.H., Kratz, T.K. 2018. Ice cover and thermal regime in a dimictic seepage lake under climate change. *Inland Waters*. 8(3):381-398. doi: 10.1080/20442041.2018.1505372
- Magee, M.R.**, McIntyre, P.B, Wu, C.H. 2018. Modeling oxythermal stress for cool-water fishes in lakes using a cumulative dosage approach. *Canadian Journal of Fisheries and Aquatic Sciences*. 75 (8): 1303-1312. doi: 10.1139/cjfas-2017-0260.
- Magee, M.R.** and Wu, C.H. 2017. Response of water temperatures and stratification to changing climate in three lakes with different morphometry. *Hydrology and Earth Systems Sciences*, 21, 6253-6274. doi:10.5194/hess-21-6253-2017
- Magee, M.R.** and Wu, C.H. 2017. Effects of changing climate on ice cover in three morphometrically different lakes. *Hydrological Processes*. doi: 10.1002/hyp.10996
- Magee, M.R.**, Wu, C.H., Robertson, D.M., Lathrop, R.C., and Hamilton, D.P. 2016. Trends and regime shifts in 100-year ice cover and water temperatures in a dimictic lake in response to changes in air temperature, wind speed, and water clarity. *Hydrology and Earth Systems Sciences*, 20, 1681-1702. doi:10.5194/hess-20-1681-2016

REVIEWED REPORTS

Technical contributor to Midwest Chapter of 4th National Climate Assessment. Angel, J., C. Swanston, B.M. Boustead, K.C. Conlon, K.R. Hall, J.L. Jorns, K.E. Kunkel, M.C. Lemos, B. Lofgren, T.A. Ontl, J. Posey, K. Stone, G. Takle, and D. Today, 2018: Midwest. In *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II* [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA. doi: 10.7930/NCA4.2018.CH21

DATA PUBLICATIONS

Sharma, S, K Blagrove, JJ Magnuson, CM O'Reilly, S Oliver, R Batt, **MR Magee**, D Straile, GA Weyhenmeyer, L Winslow, RI Woolway. 2018 Widespread loss of lake ice around the Northern Hemisphere in a warming world. Environmental Data Initiative. <https://doi.org/10.6073/pasta/df1b8d092f86b71648e20a64de6c62d2>.

POPULAR WRITING

M.R. Magee. 2021. Lakes for the long run: Working together to build resiliency. In *Natural Resources* special report “Wisconsin’s Great Lakes vital assets to cherish and champion.”

M.R. Magee. 2019. Climate Wisconsin 2050. Scenarios of a State of Change: Lakes. Wisconsin Initiative on Climate Change Impacts (WICCI)

TEACHING EXPERIENCE

Teaching Assistant, Lab Lecturer 2013 – 2016

CEE 291: Problem Solving Using Computer Tools
Civil and Environmental Engineering Department, UW – Madison

Guest Lecturer

ZOO 510: Ecology of Fishes, *Impacts of Climate Change on Fish* (UW Madison) 2019
ZOO 510: Ecology of Fishes, *Impacts of Climate Change on Fish* (UW Madison) 2019
ENV ST/SOIL SCI 101: Forum on the Environment, *Wisconsin’s Great Lakes Areas of Concern* (UW Madison) 2019
ZOO 510: Ecology of Fishes, *Impacts of Climate Change on Fish* (UW Madison) 2018
ET 331: Water and Wastewater Treatment, *Anaerobic Digesters* (UW Green Bay) 2018
iBIO 315: Limnology, *A Limnological Perspective on Climate Change* (UW Madison) 2017
ZOO 510: Ecology of Fishes, *Climate Change* (UW Madison) 2017
CEE 291: Problem Solving Computer Tools, *Surveying Traverse* (UW Madison) 2013
CEE 514: Coastal Engineering, *Wave Diffraction* (UW Madison) 2012
CEE 514: Coastal Engineering, *Wave Reflection* (UW Madison) 2012
CEE 514: Coastal Engineering, *Tides* (UW Madison) 2012

Teaching Development Seminars

CIRTL Seminars:
Evaluating teaching: How do I know I’m being effective in the classroom 2017
Problem-Based Learning in STEM Courses 2017
Intercultural Communication and Teaching: Understanding Each Other 2017
UW-Madison Teaching Improvement Program 2013 – 2016

MENTORING EXPERIENCE

Wisconsin Department of Natural Resources

Mentor and Supervisor for postdoctoral researchers and graduate students 2020 –

- Primary advisor for one post-doctoral researcher, co-advisor for one post-doctoral researcher
- Committee member for one MS student
- Mentor for two WDNR employees

University of Wisconsin – Madison

Mentor and Supervisor for graduate and undergraduate students 2012 – 2016

- Mentor for two early graduate students
- Supervisor for two undergraduate independent study projects
- Co-supervisor for one undergraduate summer research experience

University of Minnesota

Mentor for lower division undergraduate students 2008 – 2010

Mentoring Training

UW – Madison Research Mentor Training Seminars: 2017
Aligning Expectations, Promoting Professional Development, Maintaining Effective Communication, Promoting Self– Efficacy, Addressing Equity and Inclusion, Assessing Understanding, Fostering Independence, Cultivating Ethical Behavior, Articulating Your Mentoring Philosophy and Plan

GRANTS and AWARDS

Research & Travel Grants (total \$1.115 million)

“Nearshore monitoring in Wisconsin’s Lake Superior coast for nutrient conditions leading to harmful algal blooms.” PI: MR Magee. Environmental Protection Agency, Great Lakes Restoration Initiative (\$50,000) 2021 – 2023

“Understanding landscape-scale patterns in winter conditions in the Upper Mississippi River System.” PIs: KJ Jankowski, H Dugan, R Kreiling, MR Magee. Upper Mississippi River Restoration Program (\$353,000) 2021 – 2023

“Fish Tumor Evaluation in the Sheboygan River AOC (post-remediation).” PIs: V Blazer, P Mazik, MR Magee. Environmental Protection Agency (\$125,000) 2021 – 2023

“Fish Tumor Evaluation in the Lower Green Bay-Fox River AOC (baseline),” PIs: V Blazer, P Mazik, MR Magee. Environmental Protection Agency (\$125,000) 2021 – 2023

“Beach Closings Management Actions Project Assessments” PIs: S McLellan, D Dila, B Dow, MR Magee. Environmental Protection Agency. (\$255,000) 2020 – 2021

“National Coastal Condition Assessment Monitoring and Evaluation.” PI: MR Magee. Environmental Protection Agency (\$46,300) 2020

“Lake Superior Nearshore Monitoring” PIs: MC Wheeler and MR Magee. Wisconsin DNR (\$59,000) 2019 – 2020

“Howard’s Pocket Wetland Water Quality Monitoring” PIs: JR Graham, CP Roesler, MC Wheeler, MR Magee. Wisconsin DNR (\$24,000) 2019 – 2020

“INFOS-Yahara-HR, Forecasting human response to lake environment due to climate change” PI: CH Wu**, Sustainability Innovation in Research and Education (SIRE) Grant (\$40,000) 2014 – 2015

Becker Travel Grant (3 awards, \$380) 2012 – 2015

“Sensitivity and variability of Wisconsin lakes in response to climate change.” PI: CH Wu**, Wisconsin Water Resources Institute Research Grant (\$36,000) 2011 – 2012

“Cisco populations of Fish Lake under changing climate,” PI: MR Magee, Anna Grant Birge Research Award (\$2000) 2011

** MR Magee was a major contributor to grant writing, project design, and executing this work but could not serve as an official PI due to university regulations

Fellowships

Presidential Management Fellowship Finalist 2017

National Science Foundation Graduate Research Fellowship, Honorable Mention 2011, 2012

University of Wisconsin College of Engineering Grainger Distinguished Fellowship 2010

Awards

James Villemonte University of Wisconsin Water Resources Award 2013

Goodman Award, American Society of Civil Engineers 2010

Student Presenter Award, ASCE Midwest Regional Conference 2010

University of Minnesota Institute of Technology Leadership Award

Chi Epsilon, National Civil Engineering Honor Society	2009
Tau Beta Pi, The Engineering Honor Society	2009
Chi Epsilon Award, University of Minnesota	2009
Frank Louk Award	2009
J.G. Waits Award	2009
Ruhnke Award	2008
Robert C. Byrd Federal Excellence Award	2007
	2006

LEADERSHIP and SERVICE

Leadership

Member Great Lakes Restoration Initiative Annex 9 (Climate Change) committee	2019 –
Member Great Lakes Restoration Initiative Annex 10 (Science and Monitoring) committee	2019 –
Wisconsin Initiative on Climate Change Impacts: Great Lakes Working Group co-chair	2019 –
Wisconsin Coastal Beaches Steering Committee, co-chair	2019 –
Wisconsin DNR Wetlands Technical Team Member	2019 –
Great Lakes representative to the National Water Quality Monitoring Council	2018 –
Wisconsin Coastal Beaches Steering Committee, member	2018 –
Wisconsin representative to Brandon Road Project Collaboration Team	2018 – 2019
Technical Contributor to Midwest chapter of Fourth National Climate Assessment	2017 – 2018
Secretary, Chi Epsilon, University of Minnesota	2009 – 2010
Treasurer, Chi Epsilon, University of Minnesota	2009 – 2010
Scholarship/Internship Director, Society of Women Engineers, University of Minnesota	2009 – 2010
Advisor, Plumb Bob Honorary Leadership Society, University of Minnesota	2009 – 2010
President Plumb Bob Honorary Leadership Society, University of Minnesota	2008 – 2009
Vice President, American Society of Civil Engineers, University of Minnesota	2009
Publicity Director, Society of Women Engineers, University of Minnesota	2008 – 2009

Reviewer

Manuscript Reviews: Nature Communications, Nature Geosciences, Nature Scientific Reports, Limnology and Oceanography, Geophysical Research Letters, Journal of Geophysical Research – Atmospheres, Climatic Change, Journal of Water Resources Management and Planning, Water, International Journal of Environmental Research and Public Health, Atmosphere, Journal of Limnology, USGS External Manuscript Reviewer

Grant Reviews: Illinois-Indiana Sea Grant Proposal Reviewer, Wisconsin Sea Grant Proposal Reviewer, Wisconsin Department of Natural Resources Local Needs Grants Reviews, Wisconsin Coastal Management Program Grant Reviewer, Graduate Women in Science Ruth Dickie Scholarship Reviewer, Society of Women Engineers University of Minnesota Scholarships Reviewer

Report Reviews: US Geological Survey Technical Publications; State of the Great Lakes 2019 Report; 2016 Lake Superior Cooperative Science and Monitoring Initiative Report; Wisconsin DNR Technical Reports

Abstract Reviews: 2019 National Water Quality Monitoring Conference

Award Reviews: 2021 National Monitoring Conference Awards Committee

Committee Work

Common Strategy for Smart Great Lakes Issue Area Strategy Team Member – Science, Technology, and Innovation; Data and Information; Policy and Management	2020 – 2021
Wisconsin Initiative on Climate Change Impacts, Great Lakes Working Group	2019 –
National Water Quality Monitoring Council	2018 –
Lake Superior Harmful Algal Bloom Workgroup	2018 –
Lake Superior Science and Monitoring Workgroup	2018 –
Wisconsin Coastal Beaches Working Group	2018 –
Northeast Refugia Research Coalition	2017 –
Wisconsin Initiative on Climate Change Impacts, Water Resources Working Group	2017 –
University of Wisconsin – Madison, Center for Limnology Outreach Committee	2016 – 2018
University of Wisconsin – Madison, Center for Limnology Library Committee	2017 – 2018
University of Wisconsin – Madison, Center for Limnology Museum Committee	2016 – 2017

Workshops and Conference Sessions Organized

Climate Adaptation Workshop for Wisconsin Lakes at Wisconsin Water Week	2021
National Monitoring Conference Young Professionals Mentoring Session	2021
National Monitoring Conference Region 5 Session	2021
Organizer for Wisconsin Coastal Beaches Workgroup webinar series <i>Topics: COVID-19 Impacts on Beach Management: State and Local Perspectives; Great Lakes water level impacts to WI beaches; Coastal Wetland Monitoring</i>	2020 –
Climate Adaptation Training for Lake Stewards and Managers, workshop at Wisconsin Lakes Partnership Convention, Stevens Point, WI <i>*accepted, but conference was cancelled due to Covid-19 pandemic</i>	2020
Improving BUI removal criteria, Area of Concern Conference, Cleveland OH	2019
Wisconsin DNR Water Quality Bureau Statewide Training, Stevens Point, WI	2019
Wisconsin Initiative on Climate Change Impacts, Water Resources Workshop: Climate Change and Inland Lakes, Treehaven, WI	2018

Additional Training

2-year certification in First Aid/CPR/AED, Wisconsin Department of Natural Resources, Madison, WI	2019
Communicating Effectively, State of Wisconsin Training	2018
Remediation to Restoration to Revitalization, EPA Tools and Resources Webinar	2018
GLM – AED workshop, University of Wisconsin – Madison, Madison, WI	2017
National Climate Science Centers Student and Early Career Training, University of Massachusetts – Amherst, Amherst, MA.	2016

Society Memberships

- American Society of Civil Engineers
- International Association of Great Lakes Research
- Association for the Sciences of Limnology and Oceanography

North American Lake Management Society
 Environmental and Water Resources Institute
 American Water Resources Association
 International Water Resources Association
 Society of Women Engineers
 Tau Beta Pi – The Engineering Honor Society
 Chi Epsilon – National Civil Engineering Honor Society

OUTREACH

Expert media interviews

Media interviews on climate change impact to the Great Lakes with WBAY, Spectrum 1 News, Manitowoc Herald Times, USA Today, Milwaukee Journal Sentinel, Ashland Daily Press	2021
Media interview on lake overturn and foam in Wisconsin for WBAY	2021
Guest on “Teach Me About the Great Lakes” podcast	2020
Media interviews with Milwaukee Magazine and TMJ4 on Lake Michigan water temperatures	2020
Media interviews on Great Lakes water levels with Door County Pulse, Wisconsin Watch	2020
Media interview with Great Lakes Now on impact of small streams on Great Lakes water quality	2020
Media interviews on beach closings and beach monitoring in Wisconsin, including TMJ4, Door County Pulse, Door County Daily News, WISN-TV, Milwaukee Journal Sentinel, EPA press releases, WDNR press releases	2019 – 2021
Media interview on climate change research at the Wisconsin DNR with Wisconsin State Journal	2019

Science Outreach

Wisconsin Great Lakes presentations (2), Farnsworth Middle School	2019
Skype a Scientist, 14 classes ranging from 3 rd -12 th grade	2017 – 2019
Wisconsin Science Festival	2017
Summer Limnology Outreach with Lussier Community Education Center	2017
Limnology Outreach with Madison Children’s Museum Summer Camps	2017
Center for Limnology Open House	2017
Capital Science and Engineering Fair volunteer and judge	2016 – 2017

Select Media Coverage

A Shifting Wisconsin: Local Extinctions, Migrations, and Culture in the Face of Climate Change <i>Wisconsin Public Radio</i> by Ben Meyer	2020
Introducing Volume II of the Fourth National Climate Assessment: Risks, strategies, and adaptations for Wisconsin <i>Short Ears, Long Tales, Courte Oreilles Lakes Association newsletter</i> by Allison Slavick	2019
Lakes freeze less and melt faster thanks to climate change <i>Science Magazine</i> by Alex Fox	2019

Climate change could leave thousands of lakes ice-free <i>New York Times</i> by Nadja Popovich	2019
Lakes ‘skating on thin ice’ as warming limits freeze <i>BBC News</i> by Matt McGrath	2019
Study links loss of ice cover on lakes to climate change <i>Wisconsin Public Radio News</i> by Phoebe Petrovic	2019
Lakes are shedding winter ice at record pace <i>National Geographic</i> by Alejandra Borunda	2019
On thin ice: World’s lake cover shrinking as global temperatures climb <i>The Globe and Mail Canada</i> by Jeff Lewis	2019
As the climate warms, tens of thousands of lakes may spend winters ice free <i>University of Wisconsin News</i> by Adam Hinterthuer	2019
U.S. climate report highlights environmental problems facing Midwest <i>Minnesota Daily</i> by Nikki Pederson	2018
Fellows Highlight: Madeline Magee Northeast Climate Adaptation Science Center website by Mike Crowley	2018

INVITED PRESENTATIONS

- Magee, M.R.** September 2021. Climate change impacts in the Great Lakes. Presentation at Northern Institute of Applied Climate Sciences Great Lakes Climate Adaptation menu workshop. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** June 2021. Lake-specific climate adaptation solutions for preserving cold-water fish habitat in Wisconsin lakes. Northwest Lakes Conference. Spooner, WI. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** March 2021. The Wisconsin Initiative on Climate Change Impacts. Lake Superior Collaborative Conference. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** March 2021. The Wisconsin Initiative on Climate Change Impacts. Fox Wolf Watershed Conference. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** January 2021. Lake-specific climate adaptation solutions for preservind cold-water fish habitat in Wisconsin Lakes. Queen’s University Seminar. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** June 2020. Climate Change Impacts to Wisconsin Lakes. Northwest Lakes Conference. Spooner, WI. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** February 2020. Climate change adaptation strategies for Wisconsin Lakes. Wisconsin DNR Water Resources Statewide Training. *Oral presentation*
- Magee, M.R.** October 2019. Wisconsin’s beach monitoring program. Wisconsin Coastal Beaches Working Group Annual Meeting. Ashland, WI. *Oral presentation*
- Magee, M.R.** September 2019. Climate Adaptation Strategies for Wisconsin Lakes. Marquette University Environmental Engineering Seminar Series. Milwaukee, WI. *Oral presentation*
- Magee, M.R., Dinsmore, D.D.,** April 2019. Recreational Water Quality and HABs. Blooms and the Big Lake. Ashland, WI. *Oral presentation*
- Magee, M.R.,** April 2019. Adaptation strategies for Wisconsin lakes facing climate change. Wisconsin Lakes Partnership Convention. Stevens Point, WI. *Oral presentation*

- Magee, M.R.**, April 2019. Climate adaptation for Wisconsin's inland lakes. National Adaptation Forum. Madison, WI. *Oral presentation*
- Magee, M.R.**, March 2019. Climate adaptation for Wisconsin's inland lakes. Wisconsin Department of Natural Resources, Water Quality Bureau Statewide Meeting. Stevens Point, WI. *Oral presentation.*
- Magee, M.R.**, November 2018. WICCI Inland Lakes and Climate Change Workshop: summary and results. Wisconsin Initiative on Climate Change Impacts Science Advisory Board. Madison, WI. *Oral presentation*
- Magee, M.R.**, October 2018. Ecological forecasting: informing management and protection of the Lake Superior Ecosystem. State of Lake Superior Conference. Houghton, MI. *Oral presentation*
- Magee, M.R.**, Rypel, A., Read, J.S., McIntyre, P.B., August 2018. Modeling cisco oxythermal stress in Wisconsin lakes. Wisconsin Department of Natural Resources, Office of Great Waters seminar. Madison, WI *Oral presentation.*
- Magee, M.R.**, April 2018. Physics to fish: developing lake-specific climate adaptation strategies. University of Wisconsin – Green Bay, Natural and Applied Sciences Seminar. Green Bay, WI. *Oral presentation*
- Magee, M.R.**, February 2018. Physics to fish: developing lake – specific climate adaptation strategies. St. Anthony High School, AP Environmental Science Class. Long Beach, CA. *Oral presentation.*
- Magee, M.R.**, Rypel, A., Read, J.S., McIntyre, P.B. January 2018. Modeling oxythermal stress of cisco across the landscape to inform management of cold-water fish habitat. 78th Midwest Fish and Wildlife Conference. Milwaukee, Wisconsin. *Oral presentation*
- Magee, M.R.** January 2018. Water quality and climate change: New knowledge, adaptations, and next steps. Wisconsin Initiative on Climate Change Impacts, Climate Change and Inland Lakes Workshop. Tomahawk, WI *oral presentation*
- Magee, M.R.**, Rypel, A., Read, J.S., Larson, W.A., McIntyre, P.B. May 2017. Modeling of cold-water fish habitat in Wisconsin inland lakes. Midwest Glacial Lakes Partnership Science and Data Meeting. Bloomington, MN. *Oral presentation*
- Magee, M.R.** March 2017. Physics to Fish: lake specific climate change adaptation strategies. Civil Engineering seminar. Burlington, VT. *Oral presentation*
- Magee, M.R.** February 2016. Impact of climate change on ice cover and thermal structure in response to changing climate. Environmental Engineering seminar. Madison, WI. *Oral presentation*
- Magee, M.R.** Harrison, J. Wu, C.H. February 2015. INFOS-Yahara-HR: Forecasting human response to lake environment due to climate change. Forum 2015: UW-Madison Sustainability Forum. Madison, WI. *Poster presentation*
- Magee, M.R.** April 2013. Oxythermal stress of cisco in Fish Lake in response to changing climate. North Temperate Lakes LTER Young Scientist Meeting. Madison, WI. *Oral presentation*
- Magee, M.R.** November 2011. Impact of climate change on ice cover in three southern Wisconsin lakes with differing morphometry. North Temperate Lakes LTER Young Scientist Meeting. Madison, WI. *Oral presentation*

CONFERENCE and SEMINAR PRESENTATIONS (presenting author only)

- Magee, M.R.** March 2021. Climate adaptation strategies for Wisconsin lakes. American Water Resources Association Wisconsin Annual Meeting. *Oral presentation* *presented virtually due to COVID-19 pandemic

- Magee, M.R.** April 2020. Lake-specific climate adaptation solutions for preserving cold-water fish habitat in Wisconsin Lakes. Wisconsin Lakes Convention. Stevens Point, WI. *Oral presentation* *presented virtually due to COVID-19 pandemic
- Magee, M.R.** March 2020. Physics to fish: lake-specific climate change adaptation strategies for cisco habitat. American Water Resources Association Wisconsin Annual Meeting. Chula Vista, WI. *Oral presentation* **accepted for presentation, but conference cancelled due to COVID-19 pandemic
- Magee, M.R.** March 2020. Adaptation strategies for Wisconsin lakes facing climate change. American Water Resources Association Wisconsin Annual Meeting. Chula Vista, WI. *Oral presentation* **accepted for presentation, but conference cancelled due to COVID-19 pandemic
- Magee, M.R.,** April 2019. Tools and resources from the National Water Quality Monitoring Council. National Adaptation Forum. Madison, WI. *Poster presentation*
- Magee, M.R.,** Rypel, A., Read, J.S., McIntyre, P.B. April 2018. Modeling oxythermal stress of cisco across the landscape to inform management of cold-water fish habitat. 2018 Wisconsin Lakes Partnership Convention. Stevens Point, WI. *Oral presentation*
- Magee, M.R.,** McIntyre, P.B., Hein, C.L., Hauxwell, J., Vimont, D.J., Liebl, D.S., April 2018. Climate change and Wisconsin's inland lakes: assessing and adapting to climate change impacts. 2018 Wisconsin Lakes Partnership Convention. Stevens Point, WI *Poster presentation*
- Magee, M.R.,** Read, J.S., Rypel, A., Larson, W., McIntyre, P.B., November 2017. Modeling cold-water fish habitat in Wisconsin's inland lakes. Center for Limnology Seminar. Madison, WI. *Oral presentation*
- Magee, M.R.** McIntyre, P.B., Rypel, A., Read, J.S., Wu, C.H. May 2017. Management of cold-water fish habitat in Wisconsin inland lakes. Northeast Climate Science Center Regional Science Meeting. Amherst, MA. *Poster presentation*
- Magee, M.R.** McIntyre, P.B., Rypel, A., Read, J.S., Wu, C.H. April 2017. Management of cold-water fish habitat in Wisconsin inland lakes. 2017 Wisconsin Lakes Partnership Convention. Stevens Point, WI. *Poster presentation*
- Magee, M.R.** November 2016. Fish habitat of Wisconsin lakes. National Climate Science Centers Student and Early Career Training. Amherst, MA. *Oral presentation*
- Magee, M.R.** April 2016. Can we bring back Lake Mendota's cisco? The (multi) million- dollar question. UW-Madison Water Resources Engineering Seminar. Madison, WI. *Oral presentation*
- Magee, M.R.** and Wu, C.H. March 2016. Evaluating oxythermal stress and predicting fish kills under climate and land-use changes. Wisconsin Ecology Symposium, Madison WI. *Poster presentation*
- Magee, M.R.** and Wu, C.H. March 2016. Evaluating oxythermal stress and predicting fish kills under climate and land-use changes. American Water Resources Association – Wisconsin Section, Wisconsin Dells, WI. *Poster presentation*
- Magee, M.R.** and Wu, C.H. March 2015. Temperature dosage: A novel method for quantifying oxythermal stress in coldwater fish species. American Water Resources Association – Wisconsin Section, Oconomowoc, WI. *Poster presentation*
- Magee, M.R.** October 2014. Oxythermal stress of coldwater fish in a dimictic lake in response to changing climate. UW-Madison Water Resources Engineering Seminar. Madison, WI. *Oral presentation*
- Magee, M.R.** and Wu, C.H. March 2013. Oxythermal stress of a dimictic lake in response to changing climate. American Water Resources Association-Wisconsin Section. Brookfield, WI. *Oral presentation*

Magee, M.R. and Wu, C.H. November 2012. Impacts of climate change on ice cover and thermal structure in southern Wisconsin lakes of differing morphometry. 32nd International Symposium of the North American Lake Management Society. Madison, WI. *Oral presentation*

Magee, M.R. November 2012. Impacts of climate change on ice cover and thermal structure in southern Wisconsin lakes of differing morphometry. UW-Madison Water Resources Engineering Seminar. Madison, WI. *Oral presentation*

Magee, M.R. and Wu, C.H. March 2012. Impacts of climate change on ice cover and thermal structure in three southern Wisconsin lakes of differing morphometry. American Water Resources Association-Wisconsin Section. Wisconsin Dells, WI. *Oral presentation*

Magee, M.R. March 2011. Trends of ice cover and thermal structure in three southern Wisconsin lakes. UW-Madison Water Resources Engineering Seminar. Madison, WI. *Oral presentation*

Magee, M.R. March 2010. Ethics and the civil engineer of 2025: Increased involvement in public policy. ASCE Midwest Regional Conference. *Oral presentation* *student presenter award*