

## Curriculum Vitae

**ELAINE HO-TASSONE** PhD, PMP



**July 2018:** United Nations High-Level Political Forum (New York), representing global women during opening plenary (left) and presenting an intervention on accountability (below).

### Post-secondary education (13 years)

- 2016-2021 **PhD**, Social and Ecological Sustainability (Integrated Water Management), University of Waterloo
- Dissertation: *Towards democratizing water quality monitoring processes for the lower Grand River and nearshore Lake Erie* [\[link\]](#)
  - Supervisors: Dr. Simon Courtenay and Dr. Andrew Trant
  - Affiliations: The Water Institute, Canadian Rivers Institute, Global Water Futures
- 2018-2020 **Certificate in University Teaching**, Centre for Teaching Excellence and Graduate Studies and Postdoctoral Affairs, University of Waterloo
- Area of specialization: Interaction in online teaching
- 2014-2015 **PhD** [incomplete], Environmental Applied Science and Management, Ryerson University
- Supervisor: Dr. Dr. Philip Walsh
- 2011-2013 **Master of Environmental Studies**, Environment and Resource Studies, University of Waterloo
- Thesis: *Mapping Youth-led Engagement: Impacts of Youth-led Engagement in English Canada over the Last 35 Years* [\[link\]](#)
  - Supervisor: Dr. Amelia Clarke
- 2009-2011 **Diploma in Environmental Impact Assessment**, University of Waterloo
- 2008-2011 **Honors Bachelor of Environmental Studies**, Environment and Resource Studies, University of Waterloo
- Honours thesis Part 1: *Monitoring mudpuppy behaviours in an artificial environment* - Observations of mudpuppy denning activities and other behaviours
  - Honours thesis Part 2: *Conserving a species by accessing its host - Potential to expand the range of *Simpsonaias ambigua* into known *Necturus maculosus* habitats and range*
  - Supervisor: Dr. Stephen Murphy

### Recent (last 5 years) work experience

- 2022-present **Director of Operations**, Northern Ontario Research, Development, Ideas and Knowledge (NORDIK) Institute, Algoma University

- 2021-present **Part-time Contract Faculty**, Algoma University (Sault Ste. Marie campus, unless otherwise stated)
- BIOL 3396A Lab A – Ecology (Fall '21, '22)
  - PMGT 4006N – Integrative Practice Seminar: Interdisciplinary Approaches (Fall '21, remote to Brampton)
  - PMGT 4006A – Integrative Practice Seminar: Interdisciplinary Approaches (Fall '21, '22, Winter '22, Spring/Summer '22)
  - CESD 4907A – Special Topics in CESD II: Canada and the Sustainable Development Goals (Winter '22)
  - CESD 3907A – Special Topics in CESD II: Canada and the Sustainable Development Goals (Winter '22)
  - CESD 4907V – Special Topics in CESD II: Canada and the Sustainable Development Goals (Winter '22, remote to Timmins)
  - CESD 2306A – Project Management and Proposal Writing for Community Development (Winter '22, Summer '22)
- 2021-present **Project Coordinator**, Lake Huron Collaborative, Sault Ste. Marie Innovation Centre, Sault Ste. Marie, Ontario
- 2016-present **Founder/Lead Consultant**, TRIECO Research & Consulting, Bruce Mines, Ontario
- 2020 **Sessional Instructor**, University of Waterloo
- ENVS 200 – Field Ecology (Spring '20)
- 2011-2019 **Teaching Assistant**, University of Waterloo
- ERS 110 - Environmental Analysis 1 (Fall '11)
  - ERS 215 - Environmental Assessment 1 (Winter '12)
  - ENVS 195 - Intro to Environmental Studies (Winter '13)
  - GEOG 203 – Environment & Development in a Global Perspective (Spring '13)
  - ERS 215 - Environmental and Sustainability Assessment I (Winter '16 and '18)
  - ERS 283 - Ontario Natural History (field course, Spring '16, '17 and '19)
  - ENVS 200 - Field Ecology (Fall '16); ENVS 178 – Introduction to Environmental Research Methods [stats] (Winter '17)
  - GEOG 474/GEOG 694 – Transforming Canadian Resource Management (Winter '19 and '20)
- 2018 **Teaching Assistant (non-course)**, University of Waterloo
- Entrepreneurship at Environment: faculty-level position developing and growing engagement within the various entrepreneurship initiatives associated with the faculty (Spring 2018).

### Direct supervision of students and interns/other hires: 23

- 2022 **Alex Sarno**, Biology intern (water quality data analysis, benthic invertebrate analysis – postdoctoral research), Algoma University
- Keirstin Carroll**, Canada Summer Jobs intern via Water Rangers (invasive species gamification and water quality), recent graduate from the Fish and Wildlife program at Sault College
- Malay Patel**, Biology intern (invasive species gamification), Algoma University
- Gurjot Singh**, short-term contract (co-author of the City of Sault Ste. Marie's initial Voluntary Local Review), senior student pursuing the Graduate Certificate in Project Management, Algoma University

- Rajat Verma**, short-term contract (co-author of the City of Sault Ste. Marie's initial Voluntary Local Review), senior student pursuing the Graduate Certificate in Project Management, Algoma University
- Evan Palmer-Charrette**, short-term contract (editor of the City of Sault Ste. Marie's initial Voluntary Local Review), student pursuing Bachelor of Environmental Studies in Environment and Business, University of Waterloo
- Vincent Latassa** (co-supervision with Emily Cormier at City of Sault Ste. Marie), Co-op student (Sault College), watershed remediation CityStudio project with BIOL 3396A (F22)
- Julian Draper**, Co-op student (Sault College), manuscript writing: *Opportunities for induced neophobia to support Atlantic salmon (Salmo salar) reintroduction in the Great Lakes*
- 2021 **Celeste Schoahs**, high school co-op student (Garden River First Nation water quality monitoring program assistance – postdoctoral research, note-taking at water events, built capacity for partner organizations as a volunteer at their events), Superior Heights C&VS
- Yashoda Ferndando**, Research Assistant (water quality monitoring data scan, interim data summary, Indigenous knowledge literature review – postdoctoral research), Algoma University
- Meggie Lesage**, Community Coordinator – Indigenous youth summer hire (Garden River First Nation, helped to develop and implement water quality monitoring pilot program – postdoctoral research), Sheridan College
- Cade Nolan**, Community Coordinator – Indigenous youth summer hire (Garden River First Nation, helped to develop and implement water quality monitoring pilot program – postdoctoral research), Nipissing University
- 2020 **Ziyuang Ding**, undergraduate honours thesis student (*Adapting monitoring indicators for cumulative effects assessment of eutrophication in the lower Grand River and nearshore Lake Erie*), Biology, University of Waterloo
- Navjot Dhaliwal**, Research Assistant (took notes at two workshops, co-authored three summary reports – PhD research), University of Waterloo
- Kelly-Ann Wright**, Research Assistant (took notes at a workshop, co-authored summary report – PhD research), University of Waterloo
- Aalia Khan**, Research Assistant (transcribed interviews, completed literature review – PhD research), University of Waterloo
- Siobhan Mullally**, Research Assistant (transcribed interviews, completed literature review – PhD research), University of Waterloo
- 2018-2020 **Shefaza Esmail**, hired as a consultant on several of my contracts (most re: sitewide stormwater management), PhD student at University of Waterloo
- 2011 **Michael Tjendra**, Lab assistant (*Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*), University of Waterloo
- Aalia Adatia**, Lab assistant (*Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*), University of Waterloo
- Anthony Bauer**, Lab assistant (*Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*), University of Waterloo
- Sophie Liu**, Lab assistant (*Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*), University of Waterloo

**Adwitya Das Gupta**, Lab assistant (*Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*), University of Waterloo

### Research experience (11 years)

- 2021-present **Research Associate**, Northern Ontario Research, Development, Ideas and Knowledge (NORDIK) Institute, Algoma University
- 2019-present **Researcher-in-Residence**, Waterlution, Ontario
- 2021-2022 **Mitacs Postdoctoral Fellow**, Algoma University: *Community-based water monitoring and two-eyed seeing in the St. Marys Area of Concern*
- 2016-2021 **PhD research: Ideals, values, and practice: Collaboration to enable cumulative effects monitoring in the lower Grand River and nearshore Lake Erie**
- 2020-2021 **Contracted researcher** (7-year departmental review), School of Environment, Resources and Sustainability, University of Waterloo
- 2018-2019 **Contracted researcher** (evaluating global water institutes), The Water Institute, University of Waterloo
- 2015 **Research Assistant**, *Commercialization potential of geoexchange technology in urban Ontario*, Dr. Seth Dworkin, Ryerson University
- 2011-2013 **Masters research: Mapping Youth-led Engagement: Impacts of Youth-led Engagement in English Canada over the Last 35 Years**
- 2011 **Honors undergraduate research Part 1: Monitoring mudpuppy (*N. maculosus*) behaviours in an artificial environment: Observations of mudpuppy denning activities and other behaviours**
- 2011 **Honors undergraduate research Part 2: Conserving a species by accessing its host: Potential to expand the range of *Simpsonia* *ambigua* into known *Necturus maculosus* habitats and range**

### Past and current research collaborations

Years	Brief description	Collaborators
<b>2022-2023 (CURRENT)</b>	<i>Upper Great Lakes Community Ecosystem Monitoring: Community-based ecosystem monitoring program (e.g., chemistry, benthic invertebrates, eDNA metabarcoding, and gamified detection of invasive species and species at). Builds on the postdoc project below; intended to form the foundation of an Upper Great Lakes network to coordinate and enhance environmental monitoring across the Canada-US border, including Indigenous nations in the area.</i>	<ul style="list-style-type: none"> <li>• Missanabie Cree First Nation (partner)</li> <li>• Sault Ste. Marie Region Conservation Authority (partner)</li> <li>• Water Wise (partner)</li> <li>• DataStream (Great Lakes)</li> <li>• Water Rangers</li> <li>• Canoes for Conservation</li> <li>• Invasive Species Centre</li> <li>• NatureMetrics</li> <li>• Science North</li> <li>• Dr. Pedro Antunes (Algoma University)</li> <li>• Dr. Bill Dew (Algoma University)</li> <li>• Watershed Ecology Team, Natural Resource Canada (Great Lakes Forestry Centre)</li> <li>• Lake Superior Living Labs Network</li> <li>• SimasVelez</li> <li>• Dr. Ngaire Roubal (Sault College)</li> </ul>

		<ul style="list-style-type: none"> <li>Ms. Rachel Reiter (Superior Heights C&amp;VS, Algoma District School Board)</li> </ul>
<b>2021-2022 (PAST – Postdoctoral research)</b>	Co-created community-led water quality monitoring pilot program (chemical parameters, benthic invertebrate surveys, set up of <i>E. coli</i> laboratory) at Garden River First Nation	<ul style="list-style-type: none"> <li>Garden River First Nation (partner)</li> <li>The Gordon Foundation</li> <li>Water Rangers</li> <li>Swim Drink Fish</li> <li>Waterlution</li> </ul>
<b>2016-2020 (PAST – PhD research)</b>	Considering ways to make water quality monitoring processes and communication of data more inclusive and diverse	<ul style="list-style-type: none"> <li>Muskoka Watershed Council (partner in exploratory work) – District Municipality of Muskoka</li> <li>Great Art for Great Lakes (Waterlution)</li> <li>Music for the Spirit &amp; Indigenous Visual Arts</li> <li>Grand River Conservation Authority</li> <li>Global Water Futures</li> <li>THEMUSEUM</li> <li>The Carolinian Café</li> <li>Dozens of individual water scientists and managers at the local, provincial, and federal levels</li> </ul>
<b>January- August 2011 (PAST – Undergraduate research)</b>	Comparative analysis of habitats to consider assisted colonization of endangered Salamander mussel ( <i>S. ambigua</i> ), observing denning behaviours of mudpuppies ( <i>N. maculosus</i> )	<ul style="list-style-type: none"> <li>Bishops Mills Natural History Centre</li> <li>Fisheries and Oceans Canada</li> </ul>

### Peer-reviewed publications: 5

- Ho-Tassone, E.,** Judge, A., Trant, A. J., and Courtenay, S. C. (2022). Collaborative watershed analysis: A ‘grouphink’ assessment of cumulative effects. *Journal of Great Lakes Research*. In press.
- Ho, E.,** Trant, A., Gray, M., and Courtenay, S. (2020). Comparison of freshwater monitoring approaches: strengths, opportunities, and recommendations. *Environmental Monitoring and Assessment*, (2020) 192:614.
- Ho, E.** (2018). Criteria-based ranking (CBR): A comprehensive process for selecting and prioritizing monitoring indicators. *MethodsX*, 5: 1234-1329.
- Ho, E.,** Eger, S., and Courtenay, S. (2018). Assessing current monitoring indicators and reporting for cumulative effects integration: A case study in Muskoka, Ontario, Canada. *Ecological Indicators*, 95: 862-876.
- Ho, E.,** Clarke, A., and Dougherty, I. (2015). Youth-led social change: Topics, engagement types, organizational types, strategies, and impacts. *Futures*, 67: 52-62.

### Manuscripts submitted for peer review: 1

- Ho-Tassone, E.,** Courtenay, S. C., Trant, A. J., and Miller, R. (2022). Knowledge co-creation through Indigenous arts: Diversity in freshwater quality monitoring and management. Submitted to *Journal of Great Lakes Research*.

**Manuscripts in preparation for peer review: 2**

- Ho-Tassone, E.**, Courtenay, S. C., Trant, A. J., and [other co-authors TBD]. (2023). *A framework for diversity and collaboration in community-based water quality monitoring (Ontario, Canada)* [working title]. Journal TBD.
- Imre, I., Brown, G., Claramunt, R., Loftus, K., Kapuscinski, K., Dew, W., and **Ho-Tassone, E.** (2023). *Opportunities for induced neophobia to support Atlantic salmon (Salmo salar) reintroduction in the Great Lakes* [working title]. Journal TBD.

**Gray literature (not peer-reviewed): 20**

- Ho, E.** (2021). Reconceptualizing water quality monitoring. *Water Canada*: <https://www.watercanada.net/feature/reconceptualizing-water-quality-monitoring/>
- Ho-Tassone, E.**, and Miller, R. (2021). Indigenous youth are playing a key role in solving urgent water issues. *The Conversation* (invited article, featured on World Water Day): [https://theconversation.com/indigenous-youth-are-playing-a-key-role-in-solving-urgent-water-issues-157251?utm\\_source=dlvr.it&utm\\_medium=twitter](https://theconversation.com/indigenous-youth-are-playing-a-key-role-in-solving-urgent-water-issues-157251?utm_source=dlvr.it&utm_medium=twitter)
- Ho, E.**, Dhaliwal, N., and Wright, K. A. (2021). *Grand-Erie Study: Practitioner insights on water monitoring in the Grand River estuary*. Summary of key informant interviews: [https://www.granderiestudy.ca/files/ugd/536b70\\_8f617cd6d53c4b588629604250a438e9.pdf](https://www.granderiestudy.ca/files/ugd/536b70_8f617cd6d53c4b588629604250a438e9.pdf)
- Ho, E.**, Ding, N., and Dhaliwal, N. (2021). *Summary report*. Research summary from a workshop: Indicators for assessing cumulative effects of nutrients on *Cladophora*, December 7, 2020: [https://www.granderiestudy.ca/files/ugd/536b70\\_cb71347471e141da94b752c7e298c706.pdf](https://www.granderiestudy.ca/files/ugd/536b70_cb71347471e141da94b752c7e298c706.pdf)
- Ho, E.** (2020). Overcoming social challenges: Is your water management as diverse as your communities? *Water Canada*, November/December 2020 issue: <https://www.watercanada.net/feature/is-your-water-management-as-diverse-as-your-communities/>
- Ho, E.**, and Miller, R. (Eds.). (2020). *Grand Expressions: A Self-guided Tour*. Created for the Grand-Erie Study with Music for the Spirit & Indigenous Visual Arts: [https://www.granderiestudy.ca/files/ugd/536b70\\_75bfb30b4c2341fea43b203c62fbe3ca.pdf](https://www.granderiestudy.ca/files/ugd/536b70_75bfb30b4c2341fea43b203c62fbe3ca.pdf)
- Ho, E.** (2020). Grand Expressions: Perspectives from First Nation Youth. *Water News* (Canadian Water Resources Association), Fall/winter 2020 issue (featured on rear cover): [https://www.granderiestudy.ca/files/ugd/536b70\\_733cb9ee67d04e1a8c8a6d7946708738.pdf](https://www.granderiestudy.ca/files/ugd/536b70_733cb9ee67d04e1a8c8a6d7946708738.pdf)
- Ho, E.**, and Dhaliwal, N. (2020). *Workshop summary: A Grand-Erie Estuary Monitoring Framework*. Workshop summary report, October 5, 2020: [https://www.granderiestudy.ca/files/ugd/536b70\\_dd3e122f6cc44393af4a34819641fb97.pdf](https://www.granderiestudy.ca/files/ugd/536b70_dd3e122f6cc44393af4a34819641fb97.pdf)
- Ho, E.** (2020). *What does it mean? Implications of Grand Expressions for Canadian water managers*. Research summary report: [https://www.granderiestudy.ca/files/ugd/536b70\\_7495877556ee4101a9ac44f9d8ee2348.pdf](https://www.granderiestudy.ca/files/ugd/536b70_7495877556ee4101a9ac44f9d8ee2348.pdf)
- Ho, E.** (2020). *Summary of results: GAGL Feedback Forms*. Summary report of findings from the 2019 Great Art for Great Lakes program (public questionnaire). Ayr, Ontario,

- February 9, 2020. Online: [https://6ff4e7e4-cc7a-4c33-9790-a58aef3bc978.filesusr.com/ugd/536b70\\_0866794f920b419baec1e73a67d57da0.pdf](https://6ff4e7e4-cc7a-4c33-9790-a58aef3bc978.filesusr.com/ugd/536b70_0866794f920b419baec1e73a67d57da0.pdf)
- Ho, E.** (2020). *SERS Stories: Every drop of this river is another good, good day*. School of Environment, Resources and Sustainability blog, University of Waterloo: <https://uwaterloo.ca/environment-resources-and-sustainability/blog/post/sers-stories-every-drop-river-another-good-good-day>
- Ho, E.** (2020). *Does research matter to those we study?* Canadian Rivers Institute blog: <https://www.canadianriversinstitute.com/blog/2020/11/16/does-research-matter-to-those-we-study>
- Ho, E.** and Runnalls, J. (2018). *Generation SDG: Empowering Canadians Through Sustainable Development – A Blueprint*. Waterloo Global Science Initiative. Waterloo Global Science Initiative, online: [https://www.granderiestudy.ca/files/ugd/536b70\\_1448906e7d50402aaaa4913f7d7bc100.pdf](https://www.granderiestudy.ca/files/ugd/536b70_1448906e7d50402aaaa4913f7d7bc100.pdf)
- Ho, E.** and Runnalls, J. (2018). *Generation SDG: Empowering Canadians through Sustainable Development – Communiqué*. Waterloo Global Science Initiative.
- Charron, M., and **Ho, E.** (2017). *Will Canada meet its emissions reduction commitments made in Paris?* BC Business, February 6, 2017. Accessed from <https://www.bcbusiness.ca/Will-Canada-meet-its-emissions-reduction-commitments-made-in-Paris>.
- Ho, E.**, Eger, S., and Courtenay, S. (2016). *Building Stronger Social and Ecological Communities in the Muskoka Watershed – Report Summary*. Newsletter submitted to the Muskoka Watershed Council in April 2016.
- Ho, E.**, Eger, S. [Ed.], and Courtenay, S [Ed.]. (2016). *Communications Brief: A Review of the Muskoka Watershed Council Report Cards*. Report submitted to the Muskoka Watershed Council April 10, 2016.
- Ho, E.**, Eger, S., and Courtenay, S. (2016). *Building Stronger Social and Ecological Communities in the Muskoka Watershed*. Report submitted to the Muskoka Watershed Council March 29, 2016.
- Ho, E.** 2015. *Geoexchange System Commercialization Potential in Urban Settings (Ontario, Canada)*. Research report submitted to the Toronto Atmospheric Fund.
- Richardson, K., Vacing, A., Bree, M., Mongroo, N., and **Ho, E.** (2010). *Options for Repairing the Living Wall at the Waterloo Region (formerly Kitchener Children’s) Museum*. Student consulting report for ERS 275 – Special Readings course. Submitted to Dr. Stephen Murphy and the Kitchener Children’s Museum on July 28, 2010.

### Theses: 3

- Ho, E.** (2021). *Towards democratizing water quality monitoring processes for the lower Grand River and nearshore Lake Erie*. UWSpace. <http://hdl.handle.net/10012/17604>. **PhD dissertation.**
- Ho, E.** (2013). *Mapping Youth-led Engagement: Impacts of Youth-led Engagement in English Canada over the Last 35 Years*. UWSpace. <http://hdl.handle.net/10012/7974>. **Masters thesis.**
- Ho, E.** (2011). *Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*. **Undergraduate thesis Part 1.**
- Ho, E.** (2011). *Conserving a species by accessing its host - Potential to expand the range of *Simpsonia ambigua* into known *Necturus maculosus* habitats and range*. **Undergraduate thesis Part 2.**

**Oral presentations: 43 (\* = invited)**

- 2022\* **Ho-Tassone, E.** Climate resilience through cross-cultural and transdisciplinary collaborations across the Great Lakes [Panel: Collaborative Pathways for Mitigating Insecurities in the Great Lakes Region]. Invited presentation at iSEE Critical Conversation 2022: Climate (In)Securities in Great Lakes Communities, September 19-20, 2022, Chicago, Illinois, USA.
- 2022\* **Ho-Tassone, E.** A conversation about intercultural collaborations. Invited presentations to staff at the Sault Ste. Marie Innovation Centre, May 25-26, 2022.
- 2022\* **Ho-Tassone, E.** *Intercultural collaboration in freshwater projects*. Invited presentation to the organizing committee of the 2022 national roundtable for community-based water monitoring (convened by Our Living Waters), April 7, 2022.
- 2022\* **Ho-Tassone, E.** *Freshwater management and the Grand River Watershed*. Global Goals Jam, SDG Innovation Lab, March 18, 2022.
- 2022\* **Ho-Tassone, E.** *Intercultural collaborations: a settler's lessons learned*. Algoma University Research Week – Research Spotlight, March 8, 2022.
- 2021\* **Ho-Tassone, E.** *Open data applications and community mapping*. Mapping the Great Lakes conference, Session #6, November 18, 2021.
- 2021\* **Ho-Tassone, E.** *SDG issues in the Grand River Watershed*, Global Goals Jam, SDG Innovation Lab, October 15, 2021.
- 2021 Vanderheyden, A., Perrault, R., Cress, A., Seymour, S., Imre, I., Meades, S., and **Ho-Tassone, E.** *Our Waters: Stewards Together*, International RiverSymposium, September 28, 2021:  
[https://drive.google.com/file/d/1dVj8CPLpsebzdudl5\\_H8i8eE2IM0nMhL3/view?usp=sharing](https://drive.google.com/file/d/1dVj8CPLpsebzdudl5_H8i8eE2IM0nMhL3/view?usp=sharing)
- 2021\* **Ho, E.** *Youth Engagement at City of Sault Ste. Marie*, presentation to Nendaaswin (at City of Sault Ste. Marie), June 14, 2021.
- 2021\* **Ho, E.**, Courtenay, S.C., Ding, Z., and Trant, A.J., *Cumulative effects monitoring in the Grand River and Lake Erie*, International Association for Great Lakes Research 2021 (“IAGLR21”) conference, online, May 19, 2021:  
<https://www.youtube.com/watch?v=T5mK6WPwANI>
- 2021 **Ho, E.** *Grand Expressions*, Global Water Futures Annual Science Open Meeting – Virtual Water Gallery Social, online, May 18, 2021.
- 2021\* **Ho, E.** *What are invasive species and what makes them invasive?* Panel presentation at the collaborative Algoma University-CFRE (Lake Superior State University) World Water Day event, March 22, 2021.
- 2021\* **Ho, E.** *The SDGs and action towards change*. Presentation at the virtual Mexico-Canada Water Innovation Lab (hosted by Waterlution) on January 31, 2021.
- 2021\* **Ho, E.** *Water, SDGs, and You*. Presentation at the virtual Mexico-Canada Water Innovation Lab (hosted by Waterlution) on January 30, 2021.
- 2020 **Ho, E.** *Grand Expressions: Why people matter*. International RiverFoundation’s 23rd International RiverSymposium conference, November 10, 2020:  
<https://youtu.be/Fq3XCo0MxiY>
- 2020\* **Ho, E.** *Public engagement and collaboration for (water) resource management in Ontario*. Long Point World Biosphere Reserve Foundation 8th Annual Research & Conservation Conference, online, November 6, 2020:  
[https://www.granderiestudy.ca/files/ugd/536b70\\_c0501389294646268677888eba604c11.pdf](https://www.granderiestudy.ca/files/ugd/536b70_c0501389294646268677888eba604c11.pdf)
- 2020 **Ho, E.** *A new approach and lessons learned: how co-creation, shared spaces, and diversity can improve water monitoring design*. Lake Futures Webinar Series, September 16, 2020: <https://www.youtube.com/watch?v=dN1p-S2AAeM>



- 2020 **Ho, E.** *Two-eyed seeing and collaborative knowledge creation: Rethinking the design and implementation of freshwater monitoring and management.* Environmental Studies Association of Canada conference, CONGRESS 2020: [https://www.granderiestudy.ca/files/ugd/536b70\\_58fcc01b6fcc4c59b3c2dc1d22758994.pdf](https://www.granderiestudy.ca/files/ugd/536b70_58fcc01b6fcc4c59b3c2dc1d22758994.pdf)
- 2020 **Ho, E.** *Arts and Water.* Public artist information session for Great Art for Great Lakes – the Great Lakes Project (Waterlution), Port Rowan, Ontario, February 27, 2020: [https://www.granderiestudy.ca/files/ugd/536b70\\_b2618ead197545c2888c774d90884b7b.pdf](https://www.granderiestudy.ca/files/ugd/536b70_b2618ead197545c2888c774d90884b7b.pdf)
- 2019 **Ho, E.** *Addressing inclusivity and long-term social relevance of environmental monitoring, management and research: Lessons from the Muskoka River and Grand River Watershed.* Long Point World Biosphere Reserve Foundation 7th Annual Research & Conservation Conference, Simcoe, Ontario, November 8, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_2e432dae58de4cef903cd2a71c617b63.pdf](https://www.granderiestudy.ca/files/ugd/536b70_2e432dae58de4cef903cd2a71c617b63.pdf)
- 2019 **Ho, E.** *Connecting water monitoring and management in the lower Grand River and nearshore Lake Erie.* Presentation to the Water, Wastewater and Compliance group at Haldimand County, Caledonia, Ontario, October 25, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_31cece06301e46709714903521de7c88.pdf](https://www.granderiestudy.ca/files/ugd/536b70_31cece06301e46709714903521de7c88.pdf)
- 2019 **Ho, E.** *About your local water.* Public introductory presentation during a workshop of Great Art for Great Lakes – the Great Lakes Project (Waterlution), Norfolk County, Ontario, August 14, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_025bb073c623465ab656cd5b301a6c82.pdf](https://www.granderiestudy.ca/files/ugd/536b70_025bb073c623465ab656cd5b301a6c82.pdf)
- 2019 **Ho, E.** *About your local water.* Public introductory presentation during a workshop of Great Art for Great Lakes – the Great Lakes Project (Waterlution), Dunnville, Ontario, July 6, 2019.
- 2019\* **Ho, E.** *Meaningful engagement and equity considerations in co-created research and action.* Invited panel presentation at Canadian Association for the Study of International Development conference, CONGRESS 2019. Vancouver, British Columbia, June 6, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_03137ab8578b4063b96fbde0004aba90.pdf](https://www.granderiestudy.ca/files/ugd/536b70_03137ab8578b4063b96fbde0004aba90.pdf)
- 2019\* **Ho, E.** *A Future fit for Girls & Women: Why the SDGs matter for gender equality.* Panel at Women Deliver conference 2019, Vancouver, British Columbia, June 5, 2019.
- 2019 **Ho, E.,** Courtenay, S. C., and Trant, A. J. *A shared resource: Shared spaces, accessibility and collaboration in freshwater monitoring & management.* Environmental Studies Association of Canada conference, CONGRESS 2019. Vancouver, British Columbia, June 4, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_22bda3855fad4409993d99b6fe05dc60.pdf](https://www.granderiestudy.ca/files/ugd/536b70_22bda3855fad4409993d99b6fe05dc60.pdf)
- 2019 **Ho, E.,** Courtenay, S. C., and Trant, A. J. *Collaborative Approaches for Redefining Aquatic Monitoring: a Case Study in Grand River Watershed, ON.* Canadian Water Resources Association National Conference. Collingwood, Ontario, May 28, 2019: [https://www.granderiestudy.ca/files/ugd/536b70\\_383dd76390874399bac216148d9ac897.pdf](https://www.granderiestudy.ca/files/ugd/536b70_383dd76390874399bac216148d9ac897.pdf)

- 2019 **Ho, E.**, Courtenay, S. C., and Trant, A. J. *Comparative Review of Freshwater Monitoring Approaches: The Road to Inclusivity and Consideration of Cumulative Effects*. Global Water Futures 2nd Annual Science Meeting. Saskatoon, Saskatchewan, May 16, 2019.
- 2018 Runnalls, J. [Moderator], Biggs, M., **Ho, E.**, Healy, B., and Weinlick, B. [Panelists]. *Generation SDG Blueprint Launch*. Panel at Together 2018: Collaboration, Innovation, and the Sustainable Development Goals. Edmonton, Alberta, November 5, 2018: <https://www.youtube.com/watch?v=29O0vCawdrc>
- 2018 **Ho, E.** *Plastics in the Region of Waterloo: What is the problem and what can we do?* Plastics in Waterloo Region and Albatross film screening, University of Waterloo, Waterloo, Ontario, July 25, 2018.
- 2018\* **Ho, E.** *The Sustainable Development Goals*. 'Big IDEA' presentation, IDEAS summer program for international youth, University of Waterloo, Waterloo, Ontario. July 15, 2018.
- 2018 **Ho, E.** *Accountability and improving MgoS participation in SDG implementation*. Intervention at Stakeholder Engagement in the High Level Political Forum and its review in 2019, a Side Event of the 2018 High-level Political Forum organized by United Nations Department of Economic and Social Affairs and the Major Groups and Other Stakeholders, United Nations Headquarters, New York City, New York, July 9, 2018<sup>1</sup>: [https://uwaterloo.ca/lake-futures/sites/ca.lake-futures/files/uploads/files/hlpf\\_intervention\\_elaine\\_ho.pdf](https://uwaterloo.ca/lake-futures/sites/ca.lake-futures/files/uploads/files/hlpf_intervention_elaine_ho.pdf)
- 2018\* **Ho, E.** *My Student Entrepreneurial Story* [panel discussion]. Entrepreneurship at Environment event series, University of Waterloo, Waterloo, Ontario, June 21, 2018.
- 2018\* Rutherford, H., **Ho, E.**, and Pearce, K. [Panelists]. *Catalyzing Collective Action: What the United Nations Sustainable Development Goals mean for the Region of Waterloo* [panel discussion]. Speaker Showcase at The Eco Market Fall Showcase, Waterloo, Ontario, October 26, 2018.
- 2018\* **Ho, E.** *My Student Entrepreneurial Story* [panel discussion]. Entrepreneurship at Environment event series, University of Waterloo, Waterloo, Ontario, June 21, 2018.
- 2018 **Ho, E.**, A. Trant, M. Servos, N. Basu and S. Courtenay. *Rethinking the framework: consideration of cumulative effects in (bio)monitoring in the lower Grand River and nearshore Lake Erie*. Grand River Fisheries Management Plan Implementation Committee meeting, Invited platform presentation, Grand River Conservation Authority Headquarters, Cambridge ON. May 2, 2018: [https://www.granderiestudy.ca/files/ugd/536b70\\_cb886754cb784ec58a8bda26dfcb6cd3.pdf](https://www.granderiestudy.ca/files/ugd/536b70_cb886754cb784ec58a8bda26dfcb6cd3.pdf)
- 2017 **Ho, E.**, Eger, S, and Courtenay, S. *Monitoring and Reporting in Canadian Watersheds: Recommendations from a Muskoka, Ontario Case Study*. South Nation Conservation, Finch, Ontario. February 7, 2017.
- 2015 **Ho, E.** *Commercializing Geothermal Systems in Urban Settings*. 3rd International Symposium on Corporate Social Responsibility & Sustainable Development. Ryerson University, Toronto, Ontario. June 8, 2015.
- 2014 **Ho, E.** *Making Sense of Sustainability*. Rotary Club of Cambridge (Preston-Hespeler), Cambridge, Ontario. August 21, 2014.
- 2013 **Ho, E.** *Mapping Youth-led Engagement: Understanding Impacts of Youth-led Engagement in Canada over the Last 35 Years*. Congress of the Humanities and

<sup>1</sup> Lake Futures research group article featuring Elaine's engagement with HLPF 2018: <https://uwaterloo.ca/lake-futures/news/elaine-attends-high-level-political-forum-united-nations>

- Social Sciences, theme “@ the edge”, University of Victoria, Victoria, British Columbia. June 3, 2013.
- 2013\* **Ho, E.** *Water in Maasai Land: the Human Issue*. Environmental Leadership Camp at the Kitchener Children’s Museum (renamed Waterloo Regional Museum), Kitchener, Ontario, Canada. April 20, 2013:  
<https://prezi.com/lgee9eg0epoa/>
- 2009\* **Ho, E.** *Swimming against the current: introducing The Redfish School of Change*. Knowledge Integration seminar series, University of Waterloo, Waterloo, Ontario. October 16, 2009.
- 2008\* **Ho, E.**, and King, D. *An introduction to SWITCH, the Solar and Wind Initiatives Towards Change*. Destiny Quebec 10th Annual Conference. April 21, 2008.

### Posters: 10

- 2021 **Ho, E.**, Servos, S., Courtenay, S.C., Trant, A.J., McCarthy, D., McLeod, C., and Miller, R. *A decolonized approach to community based, cumulative effects monitoring*. Virtual poster presentation at the Global Water Futures 3rd Annual Open Science Meeting, May 17-19, 2021:  
[https://www.granderiestudy.ca/files/ugd/536b70\\_a881dd81c64548e4a36976fa70d46a7a.pdf](https://www.granderiestudy.ca/files/ugd/536b70_a881dd81c64548e4a36976fa70d46a7a.pdf)
- 2020 **Ho, E.**, Courtenay, S. C., and Trant, A. J. *A monitoring-management framework considerate of cumulative effects for the lower Grand River and nearshore Lake Erie*. Virtual poster (iPoster) presentation at the online Annual Science Meeting for Global Water Futures, June 15, 2020 – August 31, 2020:  
<https://www.youtube.com/watch?v=fqND20Uu8Gg>
- 2019 **Ho, E.**, Courtenay, S. C., and Trant, A. J. *Monitoring in the Grand-Erie Interface: a framework in consideration of cumulative effects*. Global Water Futures University of Waterloo Research Spotlight, presented to water managers at the Grand River Conservation Authority, October 9, 2019:  
[https://www.granderiestudy.ca/files/ugd/536b70\\_fb9baf8e61334e7f8f691f30348459f1.pdf](https://www.granderiestudy.ca/files/ugd/536b70_fb9baf8e61334e7f8f691f30348459f1.pdf)
- 2019 **Ho, E.**, Courtenay, S. C., and Trant, A. J. *Comparative Review of Freshwater Monitoring Approaches: The Road to Inclusivity and Consideration of Cumulative Effects*. Global Water Futures 2nd Annual Science Meeting. Saskatoon, Saskatchewan, May 15-17, 2019:  
[https://www.granderiestudy.ca/files/ugd/536b70\\_ea12b468efce48388d1e9d01940ed22b.pdf](https://www.granderiestudy.ca/files/ugd/536b70_ea12b468efce48388d1e9d01940ed22b.pdf)
- 2018 **Ho, E.**, Courtenay, S., and Trant, A. *Comparative review of freshwater monitoring approaches towards consideration of cumulative effects*. Global Water Futures stakeholder meeting, December 5, 2018, Waterloo, Ontario.
- 2018 **Ho, E.**, Courtenay, S., and Trant, A. *Comparative review of freshwater monitoring approaches towards consideration of cumulative effects*. McMaster University World Water Week conference, November 20, 2018, Hamilton, Ontario:  
[https://www.granderiestudy.ca/files/ugd/536b70\\_942bf1864dc04e64bef5b0583c6ee6ba.pdf](https://www.granderiestudy.ca/files/ugd/536b70_942bf1864dc04e64bef5b0583c6ee6ba.pdf)
- 2017 **Ho, E.** *Water monitoring and decision making in Ontario, Canada: a systems approach to understanding processes, feedbacks, and implications*. Elsevier 4th International Water Research Conference: The Role of Water Technology Innovation in the Blue Economy, September 12, 2017, Kitchener, Ontario.
- 2017 **Ho, E.** *Integrating water monitoring and management in Ontario, Canada: A systems approach to understanding processes, feedbacks, and implications*.

- Ontario Climate Consortium Symposium, York University, Toronto, Ontario. May 11-12, 2017.
- 2016 **Ho, E.**, Eger, S., and Courtenay, S. *A resilient watershed: applying an integrative and adaptive approach to a long-term management of the Muskoka Watershed*. McMaster Water Week Student Presentations, Hamilton, Ontario. October 28, 2016.
- 2016 **Ho, E.**, Eger, S., and Courtenay, S. *A Resilient Watershed: Applying a Systems-based Approach to Long-term Management of the Muskoka Watershed in Consideration of an Uncertain Climate Future*. Muskoka Summit on the Environment – Solutions for a Warming World ('Warming World Summit'), Bracebridge, Ontario. May 27, 2016.

### Media interviews: 6

- 2022 Sault Ste. Marie officially applies to be home of the Canada Water Agency. CTV News Northern Ontario, November 27, 2022: <https://northernontario.ctvnews.ca/sault-ste-marie-officially-applies-to-be-home-of-the-canada-water-agency-1.6171379>
- 2022 *Community feedback helps shape Sault Ste. Marie's water agency bid*. CTV News Northern Ontario, February 9, 2022: <https://northernontario.ctvnews.ca/community-feedback-helps-shape-sault-ste-marie-s-water-agency-bid-1.5775304>
- 2021 *Sault Ste. Marie makes bid for Canada Water Agency*. CBC Sudbury, December 15, 2021: <https://www.cbc.ca/news/canada/sudbury/sault-ste-marie-canada-water-agency-1.6286882>
- 2021 Radio interview with Jonathan Pinto on *Up North*, December 14, 2021: <https://www.cbc.ca/listen/live-radio/1-84/clip/15884400>. Length: 8:46.
- 2021 *Sault-Sainte-Marie convoite le siège de la future Agence canadienne de l'eau*. Interview with Sophie Houle-Drapoeau at CBC ICI Nord de l'Ontario, December 12, 2021: <https://ici.radio-canada.ca/nouvelle/1846885/agence-nationale-eau-douce-sault-sainte-marie>
- 2018 *Interview with Elaine Ho about Youth Led Engagement, Water Quality, the UN SDGs and more!* [audio interview]. Eco Cast [podcast], Waterloo, Ontario, October 21, 2018. Online: <https://www.theecomarket.org/podcast/elaineho>. Length: 38:56.

### Competitive funding won: \$459,703

#### Competitive research/project funding and support:

- As lead applicant or project lead: \$266,500 cash + \$183,466 matching/in-kind support
- As a partner applicant: \$110,860 (cash and in-kind)

Year	Name and description	Amount
2022	<b>Great Lakes Local Action Fund</b> (Ontario Ministry of the Environment, Conservation and Parks) provided the primary funding for the Upper Great Lakes Community Ecosystem Monitoring project	\$50,000 (+\$162,708 matching and in-kind)
2022	<b>US Embassy and Consulates in Canada Public Diplomacy Grants</b> – I partnered (did not lead) in the writing of this grant proposal for the Great Lakes Water Innovation Lab (led by Waterlution): A multi-phase capacity	\$90,102 (+\$20,758 matching)

2021	building and innovation acceleration initiative involving 100 future water leaders (70 Canadian, 30 American). <b>Swim Drink Fish</b> provided more than \$51k in funding and about \$15k in-kind support to further develop my postdoctoral project – the Garden River First Nation monitoring pilot – into one of 15 national community-based water quality monitoring hubs.	and in-kind) \$66,000
2021	<b>Eco Canada</b> subsidized the hiring of two Indigenous youth from Garden River First Nation, from late June until the end of August, for my postdoctoral project.	\$14,000
2021	The <b>Mitacs Elevate</b> program provided funds to support my postdoctoral fellowship. Mitacs Elevate matches a \$25k industry partner contribution (in my case, a project partner, Waterlution, funded by the Great Lakes Local Action Fund below) with \$30k in matching dollars and additional in-kind support (training) to facilitate the professional development of the postdoctoral fellow.	\$30,000
2021	<b>Great Lakes Local Action Fund</b> (Ontario Ministry of the Environment, Conservation and Parks) provided the initial support for my postdoctoral project.	\$50,000
2018	<b>Ontario Graduate Scholarship</b> (Fall 2018-Spring 2020) supported PhD research	\$30,000
2014	Three <b>Mitacs Accelerate</b> internships funded three graduate students (including me) to work with RWH Engineering Inc. for four months each. Mitacs Accelerate requires an industry partner (e.g., RWH) to provide 1:1 matching funds.	\$22,500
2013	<b>Ontario Graduate Scholarship</b> supported Masters research	\$15,000
2008	<b>Gerald J. Laurendau Memorial Scholarship</b> (Toronto Steamship Association) – a leadership and merit-based competitive scholarship for students entering post-secondary education who are family of Toronto Steamship Association members.	\$4,000

**Non-competitive academic funding: \$134,866**

Year	Name and description	Amount
2021	<b>Garden River First Nation</b> dedicated 20% of their Fish and Wildlife Coordinator's time to my postdoctoral research project (in addition to others' leadership and time). This amount is in-kind, representing the salary of the individual provided to the support the project.	\$14,000
2019	<b>University of Waterloo Graduate Scholarship</b> , awarded through Graduate Studies and Postdoctoral Affairs. This is a merit-based scholarship. Normally a minimum of \$1,000 per term for up to three terms (value and duration may vary, depending on other funding the student may be receiving).	\$3,250
2019	<b>Environmental Studies Graduate Experience Award</b> , awarded to students of Environment and Resource Studies graduate programs who acquire experience as Teaching Assistants. Value determined by the department.	\$3,000
2018	<b>University of Waterloo President's Scholarship</b> , awarded automatically to recipients of Ontario Graduate Scholarship or Tri-Council funding.	\$10,000
2018	<b>University of Waterloo Graduate Research Studentship</b> : a stipend for two years as my research was a core project within Lake Futures, part of <a href="#">Global Water Futures</a> – the largest university-led collaboration in water research in the world's history (a national research collaborative funded in	\$20,900

	part by a \$77.8-million grant from the Canada First Research Excellence Fund)	
2018	<b>Faculty of Environment Graduate funding top-up:</b> a small contribution to ensure the minimum guaranteed funding for PhD students (from all sources – competitive or not) is met.	\$2,200
2018	<b>Environmental Studies Graduate Experience Award</b> , awarded to students of Environment and Resource Studies graduate programs who acquire experience as Teaching Assistants. Value determined by the department.	\$5,000
2017	<b>University of Waterloo Graduate Research Studentship:</b> a stipend for one year as my research was a core project within Lake Futures.	\$14,216
2017	<b>University of Waterloo Graduate Scholarship</b> , awarded through Graduate Studies and Postdoctoral Affairs. This is a merit-based scholarship.	\$3,800
2017	<b>Environmental Studies Graduate Experience Award</b> , awarded to students of Environment and Resource Studies graduate programs who acquire experience as Teaching Assistants. Value determined by the department.	\$3,750
2016	<b>Environmental Studies Graduate Experience Award</b>	\$6,250
	<b>University of Waterloo Graduate Scholarship</b> , awarded through Graduate Studies and Postdoctoral Affairs. This is a merit-based scholarship.	\$4,000
2015	<b>Ryerson Graduate Fellowship:</b> guaranteed funding for Ryerson University PhD students in the Environmental Applied Science and Management program	\$8,000
2014	<b>Ryerson Graduate Fellowship:</b> guaranteed funding for Ryerson University PhD students in the Environmental Applied Science and Management program	\$13,000
2013	<b>Environmental Studies Graduate Experience Award</b>	\$2,000
2013	<b>University of Waterloo President's Scholarship</b> , awarded automatically to recipients of Ontario Graduate Scholarship or Tri-Council funding.	\$10,000
2013	<b>University of Waterloo Graduate Scholarship</b>	\$1,000
2012	<b>Environmental Studies Graduate Experience Award</b>	\$2,000
2012	<b>Ontario Graduate Fellowship</b> , awarded to graduate students based on academic achievement and potential as a graduate student.	\$2,000
	<b>ENV Senate Graduate Scholarship</b> , needs-based funding that match contributions made by faculty, staff, and retirees to graduate programs at the University of Waterloo.	\$500
2011	<b>Environmental Studies Graduate Experience Award</b>	\$2,000
2011	<b>University of Waterloo Graduate Entrance Scholarship</b>	\$1,000
2011	<b>University of Waterloo Bursary</b> , needs-based funding.	\$600
2009	<b>University of Waterloo Bursary</b> , needs-based funding.	\$800
2008	<b>University of Waterloo Merit Scholarship</b> , one-time award for first-year undergraduate students whose average is between 85-89.9% after their first two terms.	\$1,000
2008	<b>University of Waterloo Bursary</b> , needs-based funding.	\$600

### Recognition: 5

2022	<b>Algoma Visionary Award of Distinction: Young Professional of the Year</b> (competitive award by Strive Young Professionals Group, Sault Ste. Marie Chamber of Commerce)
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- 2022 **Algoma Visionary Industry Award: Environmental and Natural Resources** (competitive award by Strive Young Professionals Group, Sault Ste. Marie Chamber of Commerce)
- 2019 **Our Water – Our Life – The Most Valuable Resource** (competitive award from the Canadian Water Resources Association, awarded to a young professional based on a research paper and a presentation at National Conference) – recognition combined with cash award of \$500
- 2012 **Maasai name – “Reto”** (given by Maasai elders of Memiri Losho Villiage, as symbol of adoption into community)
- 2011 **Dean’s Honours List** standing announced upon graduation (top 20% of undergraduate students)

## Teaching and facilitation

### Guest lectures (postsecondary): 8

- 2021 **Ho, E.** [no title]. Panel discussion: *Perspectives of senior SERS PhD students and recent alumni on the Comprehensive Examination, transdisciplinary doctoral research, and life beyond the PhD.* Part of ERS 702 – Critical Analysis and Advance Research in Environmental Studies [first year PhD seminar course], University of Waterloo, March 25, 2021.
- 2019 **Ho, E.** [no title]. Panel presentation: *Transdisciplinary Environmental Research to Create Change and You.* Short lecture to class of ERS 101 – Issue Analysis and Problem Solving for Environmental Studies 2, University of Waterloo, March 12, 2019.
- 2018 **Ho, E.** *Sustainable business: Backcasting and forward thinking.* Lecture to class of ENBUS 407 – Corporate Sustainability Accounting and Reporting, University of Waterloo, November 15, 2018.
- 2018 **Ho, E.** *Natural Resource Management – A Water Spotlight.* Lecture to class of ERS 202 – Natural Resource Ecology, University of Waterloo, October 30, 2018.
- 2018 **Ho, E.** *Case Study: Riverside Dam [Part 1] and Identifying and refining VECs and indicators [Part 2].* Lecture to class of ERS 215 – Environmental and Sustainability Assessment, University of Waterloo, May 28, 2018.
- 2018 **Ho, E.** *Creating opportunities to affect change.* Lecture to class of ERS 101 – Issue Analysis and Problem Solving for Environmental Studies 2, University of Waterloo, March 20, 2018.
- 2017 **Ho, E.,** and Barbeau, C. *Randomness in Research [Part 1], and Stats in Social Sciences [Part 2].* Lecture to class of ENVS 178 – Introduction to Environmental Research Methods [stats], University of Waterloo, March 9, 2017.
- 2015 **Ho, E.,** Clarke, A., and Dougherty, I. *Mapping Youth-led Engagement: Understanding Impacts of Youth-led Engagement in English Canada over the Last 35 Years.* Guest lecture in ES 8930 Seminar: Environmental Applied Science and Management, Ryerson University, September 15, 2015.

### Workshop facilitation: 6

- Ho, E.,** and Eger, S. 2019. Enhancing engagement in Canadian water management: Involvement and collaboration with a broad range of stakeholders and authorities. Canadian Water Resources Association National Conference. Collingwood, Ontario, May 26, 2019. Workshop slides: [https://www.granderiestudy.ca/files/ugd/536b70\\_09e05a88c5ac45169cb8ec1e3869f1e3.pdf](https://www.granderiestudy.ca/files/ugd/536b70_09e05a88c5ac45169cb8ec1e3869f1e3.pdf)

- Ho, E.**, and Alimi, A. Photography basics and storytelling: photojournalism, documentary and street photography. Oshweken, Ontario. January 20, 2020. Workshop booklet: [https://www.granderiestudy.ca/files/ugd/536b70\\_5982e9a20bcf4935a6e4c17cd37da079.pdf](https://www.granderiestudy.ca/files/ugd/536b70_5982e9a20bcf4935a6e4c17cd37da079.pdf)
- Ho, E.**, and Alimi, A. Photojournalism: Your Story in a Photo. The Carolinian Café, Cayuga, Ontario. July 13, 2019.
- Blackwell, J., Tjebbes, A., McMillan, B., Wright, J, Ruthorford, H., and **Ho, E.** 2018. How to Change the World. Programming at Together 2018 conference. November 4-6, 2018, University of Alberta, Edmonton, Alberta.
- Ho, E.**, and Braun, G [Co-facilitators/Catalysts]. 2017. SDG 6 [breakout group]. Wilfrid Laurier University's United Nations Sustainable Development Goals (SDGs) Youth Training. November 18, 2017, Wilfrid Laurier University, Waterloo, Ontario.
- Ho, E.**, Eger, S., and Courtenay, S. Preparing for climate change in Muskoka: strengthening Watershed monitoring and reporting in a changing future MWC Report Cards review - a walkthrough. Muskoka Watershed Council, Bracebridge, Ontario. August 5, 2016.

### Recent volunteering (last five years)

- |           |                                                                                                                             |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| 2020-2021 | <b>Volunteer</b> , Rydal Bank Historical Society, Bruce Mines, Ontario                                                      |
| 2020-2021 | <b>Director at Large</b> , Board of Directors, Long Point Biosphere Reserve Foundation, Norfolk County, Ontario             |
| 2020-2021 | <b>Representative for Canada(2021)/Women(2020)</b> , Facilitation Group (international), Action for Sustainable Development |
| 2018-2020 | <b>Student Leadership Committee (University of Waterloo Representative)</b> , Canadian Rivers Institute                     |

### Writing and research samples

#### 2022: (Re)Submitted manuscript (not yet published)

Ho-Tassone, E., Judge, A., Trant, A. J., and Courtenay, S. C. (2022). Collaborative watershed analysis: A 'groupthink' assessment of cumulative effects. Submitted to *Journal of Great Lakes Research*.

- Accepted manuscript (with tables and figures included at the end), minus the pending positionality statement, can be read [here](#).
- Based on one phase of my PhD research.

#### 2022: Submitted manuscript (not yet published)

Ho-Tassone, E., Courtenay, S. C., Trant, A. J., and Miller, R. (2022). Knowledge co-creation through Indigenous arts: Diversity in freshwater quality monitoring and management. Submitted to *Journal of Great Lakes Research*.

- Submitted manuscript (with figure included at the end) version 1 (currently under revision) can be read [here](#).
- Based on one phase of my PhD research.

#### 2021: National industry news magazine

A series of two articles published in *Water Canada*, the second of which was featured on their home page and in their 'national news' section.

- Read *Is Your Water Management as Diverse as Your Communities?* [Here](#).
- Read *Reconceptualizing Water Quality Monitoring* [here](#).



**2020: Most recent journal publication**

Ho, E., Trant, A. J., Gray, M. A., and Courtenay, S. C. (2020). Comparison of freshwater monitoring approaches: strengths, opportunities, and recommendations. *Environmental Monitoring and Assessment*, 192, 614 (2020).

- Included in attachments.
- Based on early stage of my PhD research.

**2018: A national resource for implementing the Sustainable Development Goals in Canada**

Ho, E. and Runnalls, J. (2018). *Generation SDG: Empowering Canadians Through Sustainable Development – A Blueprint*. Waterloo Global Science Initiative. Waterloo Global Science Initiative.

- Read [here](#).
- Adopted as a leading resource across the country, with praise from The Honourable Elizabeth Dowdeswell, Lieutenant Governor of Ontario.

**2018: First PhD journal publication (exploratory research)**

Ho, E., Eger, S., and Courtenay, S. C. (2018). Assessing current monitoring indicators and reporting for cumulative effects integration: A case study in Muskoka, Ontario, Canada. *Ecological Indicators*, 95(1): 862-876.

- Included in attachments or read [here](#).
- Based on early stage of my PhD research.

**2015: High-impact publication**

Ho, E., Clarke, A., and Dougherty, I. (2015). Youth-led social change: Topics, engagement types, organizational types, strategies, and impacts. *Futures*, 67: 52-62.

- Read the openly accessible article [here](#).
- Based on masters thesis, has consistently remained on the Journal's "most downloaded" list since its publication in 2015. Currently has 92 citations (per Google Citations).

**Contact information and public profiles**

Email address: [elaine.hotassone@algomau.ca](mailto:elaine.hotassone@algomau.ca)  
Cellphone: 416-831-8717

LinkedIn: <https://www.linkedin.com/in/hoelaine1/>  
Twitter: <https://twitter.com/ElaineE1ho>

Website: [e-h2o.ca](http://e-h2o.ca)