



Meghan Brady, M.Env.Sc. *(she/her)*

(416) 368-1700 | mbrady@30fe.com

902 – 40 University Ave., Toronto ON M5J 1T1

EXPERT SUMMARY

Ms. Meghan Brady is an Associate with the Multidisciplinary Remediation team at 30 Forensic Engineering. She holds a Master of Environmental Science degree from the University of Toronto and specializes in biophysical interactions between terrestrial and aquatic systems. Meghan possesses a wide range of environmental experience from the private consulting, academic research, and federal government industries. Meghan’s experience includes transportation spill cleanup projects, indoor and outdoor environmental assessments, and working with statistical and ecological models to address environmental issues. She is currently taking additional university courses towards her Professional Geoscientist (P.Geo) designation in Ontario.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Transportation spill remediation
- Mould, asbestos, and indoor air quality assessments
- Designated substance surveys
- Freshwater ecology and biomonitoring
- Quantitative environmental analysis
- Statistical and ecological modelling
- Hydrology and watershed management

ACADEMIC BACKGROUND

Master of Environmental Science, University of Toronto, Toronto, Ontario, 2018

Bachelor of Science (Honors) in Marine & Freshwater Biology, University of Guelph, Guelph, Ontario, 2014

ADDITIONAL COURSES

- Geochemistry, January to April 2022
- Sedimentology and Stratigraphy, September to December 2021
- Mineralogy and Petrology, September to December 2021



- Structural Geology, January to April 2021
- Response Strategies for Hydrocarbon Incidents, November 2016
- Hydrocarbon Forensics, October 2016
- Mould, IAQ & Industrial Hygiene Sampling Workshop, September 2016
- Asbestos Control in Buildings and Industry in Ontario, May 2016
- Restorative Drying 101, May 2016
- Principles of Water Damage, Mould Remediation and Asbestos Abatement, August 2015

PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Associate, Remediation

2019 – Present, Toronto, ON

- Partner with Senior Associates and Practices Leads to perform:
 - Site examinations and impact assessments following environmental loss/failure events such as spills, fires, and floods;
 - Site assessments to identify and delineate the presence of indoor hazards such as asbestos, mould, silica, and lead;
 - Site assessments and desktop reviews of indoor and outdoor environmental concerns such as product misuse/failure, personal exposures, and industrial and commercial occupational health and safety issues;
 - Site assessments to assist with understanding geological and geotechnical issues;
- Partner with Senior Associates to develop, communicate, monitor and verify remedial scopes of work according to industry best practices;
- Collaborate with subject matter experts to identify multi-disciplinary issues requiring more complex solutions;
- Communicate analyses and observations to clients, third-party stakeholders (contractors, regulators, owners), colleagues and other on an ongoing basis;
- Manage projects according to client-approved scopes of work, and deliver high quality reports on time and within budget; and
- Prepare technical reports based upon investigations and analysis.

Environment and Climate Change Canada

Physical Science Planning Analyst

2018 – 2019, Burlington, Ontario

- Provided operational and administrative support to the Watershed Hydrology & Ecology Research Division (WHERD) during the research scientist and technical support selection competitions.



- Drafted job postings, created the assessment material, scheduled and organized candidate interviews, and compiled assessment results.
- Oversaw the development of the Water Science and Technology Division (WSTD) student orientation program at the Canada Centre for Inland Waters (CCIW) and the WHERD student orientation program for the ECCC offices in Victoria, Saskatoon, and Fredericton.
- Reviewed the existing ECCC student on-boarding program and tailored it to WSTD and WHERD, organized student training and Occupational Health & Safety (OHS) information from different departments in Burlington, Saskatoon, Victoria, and Fredericton, and coordinated the delivery of the programs at various ECCC offices.
- Assisted the WHERD director and research program managers with any technical and administrative tasks (e.g., creating the WHERD 2019 Proposal Planning Template, attending research meetings on behalf of the department, and taking meeting minutes).

EFI Global

Technical Project Assistant

2015 – 2017, Hamilton/Mississauga, Ontario

- Supported the Project Managers (PMs) with tasks related to transportation spill response and environmental cleanup projects in southwestern Ontario, British Columbia, Alberta, and Saskatchewan.
- Created project budgets, obtained the necessary permits and documents needed for the excavation (e.g., road closure permits, line locates), organized contractors and contaminated soil disposal, and wrote remediation reports for submission to clients and other groups (e.g., government groups, conservation authorities).
- Field-related tasks also included going to the site, collecting soil and water samples, and submitting samples to the lab for hydrocarbon analysis.
- Handled mould, asbestos and indoor air quality (IAQ) related files in accordance with O.Reg. 278/05: Designated Substance – Asbestos on Construction Projects and in Building and Repair Operations (e.g., file coordination, communicating with clients, sample collection, and writing technical reports).
- Assisted with various forensic and fire investigation files including liability assessments and product and mechanical failure incidents (e.g., performed background research, conducted site assessments, and wrote technical reports).
- Involved with writing proposals and other business development and marketing projects.

Cunningham Lindsey

Sales Coordinator

2014 – 2015, Mississauga, Ontario

- Assisted the national account managers and the business development team with several marketing and sales projects (e.g., tracking sales activity, virtual sales, and event planning).
- Facilitated and organized Cunningham Lindsey's presence at multiple trade shows and conventions across Canada.
- Worked closely with the marketing department to manage and create literature and promotional items.

**PUBLICATIONS AND ACADEMIC SPEAKING ENGAGEMENTS**

- Arhonditsis, G.B., Neumann, A., Shimoda, Y., Kim, D.K., Dong, F., Onandia, G., Yang, C., Javed, A., Brady, M., Visha, A., Ni, F., and Cheng, V. (2019). Castles built on sand or predictive limnology in action? Part A: Evaluation of an integrated modelling framework to guide adaptive management implementation in Lake Erie. *Ecol. Inform.* 53. DOI:10.1016/j.ecoinf.2019.05.014
- Arhonditsis, G.B., Neumann, A., Shimoda, Y., Kim, D.K., Dong, F., Onandia, G., Yang, C., Javed, A., Brady, M., Visha, A., Ni, F., and Cheng, V. (2019). Castles built on sand or predictive limnology in action? Part B: Designing the next monitoring-modelling-assessment cycle of adaptive management in Lake Erie. *Ecol. Inform.* 53. DOI:10.1016/j.ecoinf.2019.05.015
- Brady, M., Xu, Z., Lau, A., Onandia, G., Shimoda, Y., Yerubandi, R., and Arhonditsis, G.B. (2018). Dissecting the ecological foundation of a multi-model ensemble: What have we learned from the mechanisms that drive eutrophication in Lake Erie? International Association of Great Lakes Research Conference.