

Urban Water TMU - January 2023

Welcome Back and Happy New Year!

Student Showcase

Urban Water Student Publishes an Article in Water Canada on Microplastics in our Water



Urban Water student Tanjot Grewal is an Environmental Applied Science & Management MASc Student in the Emerging Contaminants Lab at Urban Water TMU. She recently wrote a piece for Water Canada regarding the need for further investigation on health and environmental impacts of plastic-associated contaminants in our water.

Check out the full article here: https://www.watercanada.net/feature/theres-more-than-microplastics-in-our-water/

Barry Orr delivers a PSA in Collaboration with Cottonelle Canada



Canadian Wastewater Flushability Expert and Urban Water student Barry Orr delivers a PSA in collaboration with Kimberly-Clark's Cottonelle Canada brand. This video was filmed in the Urban Water Experimental Lab. Thank you Barry and the flushability team for your amazing work on this research!

Watch this short video on Barry Orr's tips and tricks for what is safe to flush: https://www.youtube.com/watch?v=Oz6AHJJY8m0

Do you have a notable achievement you would like to share with us? Share the details with us at urbanwater@torontomu.ca.

Spotlight on Urban Water

Dean David Cramb gives a shoutout to UW researchers!



During a sit-down conversation with founding Dean Imogen Coe, in celebration of the Faculty of Science's 10th anniversary, Dean David Cramb delivers a special shoutout to UW researchers on community engagement and outreach!

Many thanks to our UW researchers for their ongoing work and impacts on the community!

Research Proposals and Funding Calls

Current Funding Calls

Upcoming

- 1. Catalyst Grant for the 2022 CPHO report: Mobilizing Public Health Action on Climate Change in Canada
2. 2023 International Joint Initiative for Research in Climate Change Adaption and Mitigation
May 2023: Deadline to submit required notice of intent to apply

Active

- 1. SRC Connection Grants
Deadline Feb 1, 2023 at 8PM EST
2. Mitacs Elevate Call for Proposals - 2yr Postdoctoral Fellow Opportunity
Internal deadline: Draft applications are due to Leslie Bone no later than Monday January 23, 2023.
The Mitacs application deadline is February 8, 2023 (5 p.m., PT).
3. Mitacs Canadian Science Policy Fellowship
The 2023-2024 call for fellows is now open. Application deadline is February 1, 2023 at 11:59 p.m. PT. The 2023-2024 call for hosts is now open. Application deadline is March 1, 2023 at 11:59 p.m. PT.
4. NSERC Alliance Grant
No deadline.
No limit to the number of applications a researcher can submit.
5. NSERC Alliance International Catalyst grants
No deadline, applications accepted on a rolling basis.
6. NSERC Alliance International Collaboration grants
No deadline, applications accepted on a rolling basis.

View All SRC Funding Calls

Upcoming Urban Water TMU Seminars

Urban Water TMU external seminars are held throughout the academic year, with guest speakers from various organizations and research institutes. Please see details below for upcoming seminars.

Wednesday January 18, 1-2PM

Dr. Rachel Rosenberg Goldstein from the University of Maryland School of Public Health will be joining us to discuss her interdisciplinary work on water quality, including the most effective ways to communicate about water quality, and the perceptions and behaviors related to water use.
Zoom link: https://ryerson.zoom.us/j/93885427072?pwd=ZDhkYUNlalp0S0k0OS80dXRSdU81QT09

Wednesday February 15, 1-2PM

Dr. Todd Howell from the Ontario Ministry of Environment, Conservation and Parks will be speaking on government research on nearshore water quality and ecology in the Great Lakes.
Zoom link: https://ryerson.zoom.us/j/98731468397?pwd=ZlAzK0R1empudjdEYU1nTngrN1c4dz09

Wednesday March 15, 1-2PM

Dr. Diana Karwan from the Department of Forest Resources at the University of Minnesota will be speaking about an urban tree ecology project she is involved with as part of the new Minneapolis-St. Paul Metropolitan Area Long Term Ecological Research project.
Zoom link: https://ryerson.zoom.us/j/99470690874?pwd=QWJlZWJjY2YXBj0U1S3R3LS0lUeEFUZ09

Recent Publications of Full Members

Full Members are highly involved and regular contributors to Urban Water research projects and initiatives. Check out their publications in December (below) and full publication list (yellow button).

Frances Okoye, Farokh Iaqa Kakar & Elsayed Elbeshbishy (2022) Novel Free Nitrous Acid and Ultrasonication Pretreatment Enhanced Sludge Biodegradability, Environmental Technology, DOI: 10.1080/09593330.2022.2155252

Treto-Suárez, M. A., Schott, E., Páez-Hernández, D., Zárate, X., Koivisto, B. D., Mena-Ulecia, K., & Hidalgo-Rosa, Y. (2022). Tuning the optical properties of a Photocatalytic Metal-Organic Framework by means of molecular modelling. New Journal of Chemistry. https://doi.org/10.1039/D2NJ04532J

See Our Full Member Publications

