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The logo for Toronto Metropolitan University, featuring the text "Toronto Metropolitan University" in white on a blue rectangular background. A yellow L-shaped graphic element is positioned behind the blue box.

**Toronto
Metropolitan
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**Urban
Water**

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

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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

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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

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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?>

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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=ZIAzK0R1empudjdEYU1nTngrN1c4dz09>

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 ecohydrology focused 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=QWJBWjl2YXBjJc0U1S3RLS0lUeEFUZz09>

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 Iaqā 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

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