

GO with THE FLOW

THE OFFICIAL PUBLICATION OF THE ATLANTIC CANADA WATER AND WASTEWATER ASSOCIATION



On the Horizon

**DECEMBER 7-9, 2021
VIRTUAL ACWWA
ANNUAL CONFERENCE**

INSIDE:

- Our 2020/21 Scholarship Winners
- Upcoming ACWWA Courses
- Connecting the Biosolids Community

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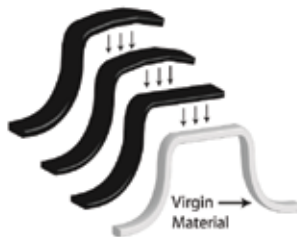
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On the cover: Autumn colours in New Brunswick. | dreamstime.com





A new educational year

Welcome to the Fall 2021 issue of *Go With the Flow*. September is another chance at a new beginning – our educational new year.

As summer wanes and fall begins to appear, we are now into the third quarter of 2021. Where has the time gone? COVID-19 is now part of our lives. We are used to building health guidelines into our planning processes, and adapting at a minute's notice. Thank you to everyone; this has been a team effort in all aspects and in some ways we may be a better/stronger team because of it.

“We’ve always been resilient, but what the last year reinforced is that we are adaptable too, and that’s a pretty unbeatable combination.”

– Melissa Elliott, President, AWWA

This time of year can be exciting, as we begin planning our education outcomes for the 2021/22 season. The elementary students are off to a new year with their friends; our many scholarship recipients are beginning new semesters, and looking forward to their futures. And graduates begin the search for their entry-level positions to begin a new form of education – on the job training. We look forward to welcoming as many as possible into our Young Professionals group.

It's never too early to begin planning for the future, and exploring options:

www.acwwa.ca/committees/scholarship.html

www.acwwa.ca/committees/ypcommittee.html

The ACWWA Education Committee offers technical training: small systems seminars, management training, certification in water collection and treatment, and

“As summer wanes and fall begins to appear, we are now into the third quarter of 2021.”

wastewater collection and treatment. Online courses, both instructor-led or self-paced modules. We are beginning the process of returning to in-person instructor-led courses, following provincial health guidelines.

See the full offering at www.acwwa.ca/committees/education.html.

Our office has an exceptional array of material, for both borrowing or for purchase, to enhance your own reference material: www.acwwa.ca/resources/section-library.html.

The planning is continuing for the upcoming 2021 Annual Conference, being held virtually December 7 to 9. This educational opportunity offers snippets of what is new and relevant in the industry, case studies of new research findings, along with suppliers offering an insight into new problem-solving tools/services. We are looking to provide an even stronger program than the successful 2020 conference, and have high hopes for an in-person roll-out for 2022.

Education comes in many forms and we have to be open to all opportunities.

“Education is our passport to the future, For tomorrow belongs to the people who Prepare for it today...”

– Malcolm X

As part of any education plan, we should include community involvement and volunteering – there is a process of informal learning that takes place while giving back. A very rewarding component. The deeper we become involved in our day-to-day positions, and busy lives, we forget to look outside the silo. Being involved in the ACWWA, even at a micro-level, allows us the opportunity to see what others do in and for the industry, what challenges they may be facing, and how the association can assist/support at some level. It's about supporting each other from many different silos and learning to appreciate other and their challenges. www.acwwa.ca/committees/volunteerscommittee.html

“The best way to find yourself is to lose yourself in the service to others.” – Mahatma Gandhi

Stay safe, stay vigilant and, if necessary, wear a mask! 🧤

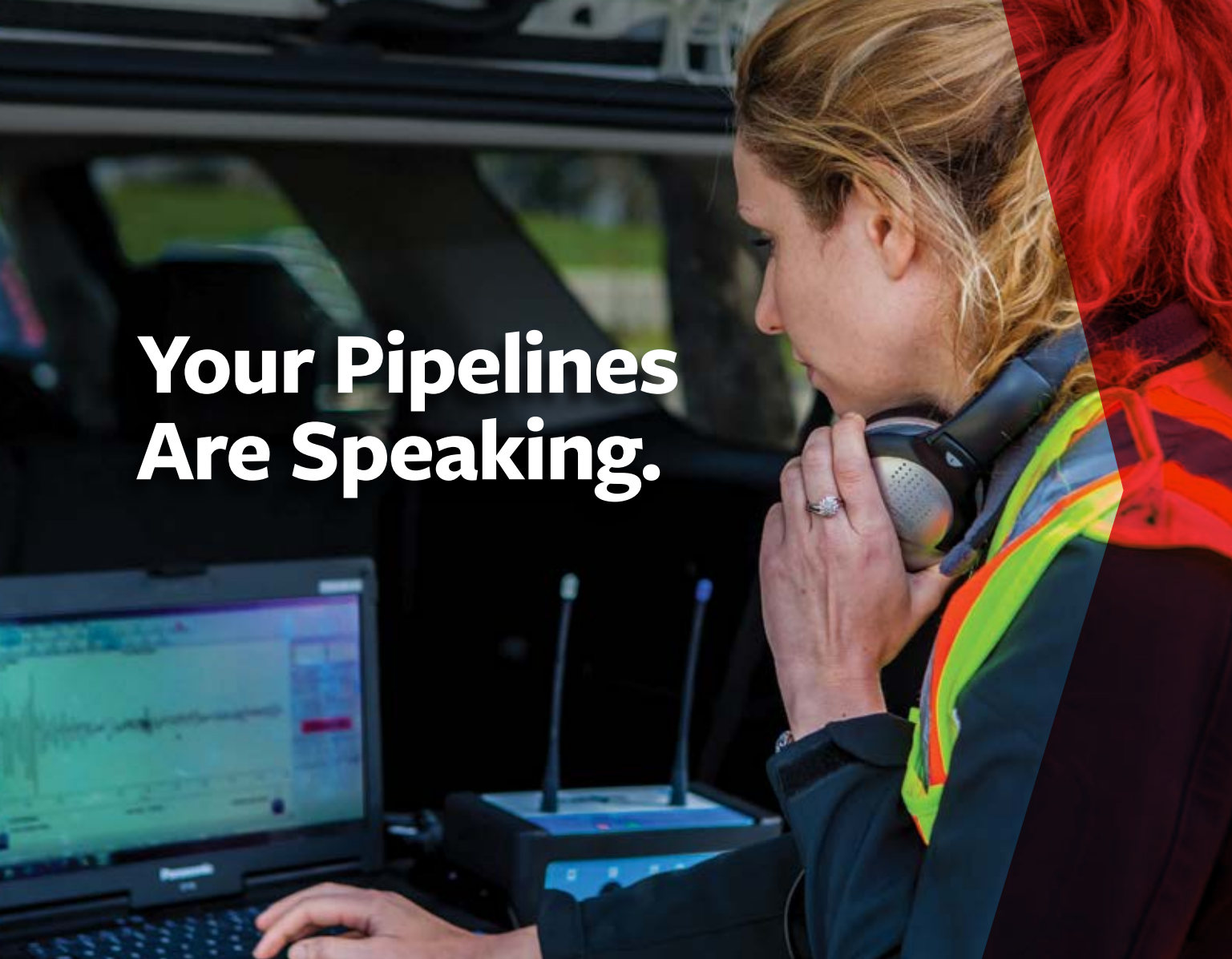
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What's coming up

It's that time of year again... as I am writing this in mid-August, it's difficult to start thinking about autumn while we have been experiencing heat waves with humidity like we haven't seen for a long time. Many of us are trying to take a vacation day here and there before the summer is gone and still get our work done before the school year starts back up again. It is a challenge with so many things being handled by email and Zoom meetings, etc., lately that sometimes important things get missed with so many things on the go... guilty as charged.

On a positive note, I am fully vaccinated, and I was able to travel to New Brunswick and back to Nova Scotia in July without having to fill out paperwork and isolating – which felt weird and great at the same time. Now that the restrictions are slowly being lifted, I have many customers pre-booking my time so it will no doubt be a very busy time in the coming months travelling all around this great region. I actually taught a couple in-person courses last week for the first time since I can't remember when. I had to talk really loud for the people at the back of the room with the hotel's policy of six-foot spacing requirement between chairs.

Many of the manufacturers, suppliers, engineering firms, and others have been instructed to work from home for quite a while now – even though the essential workers, like municipal staff, still must “go to the office” every day. We are just starting to see life getting back to some normalcy. In just the past few weeks we are seeing mask mandates lifted in some parts of Atlantic Canada; we are mostly getting vaccinated bit by bit. Hopefully, when you are reading this, we will be able to go about our daily lives with little or no restrictions. Fingers crossed.

It was just announced that we will have a federal election in September. This usually means that more federal funding is coming down the pipeline (pardon the pun). I'm looking forward to seeing more people in person as the time passes.

This is the part of my article where I would normally encourage people to attend WEFTEC 2021 in Chicago; however, it is a hard sell when the US/Canada border is still heavily restricted and there are still crazy amounts of COVID-19 cases throughout the world. Personally, it has been decided that I will not attend WEFTEC 2021 in person due to budget constraints and the obvious COVID elephant in the room. As the Chairperson for the WEF CAC

(Canadian Affairs Council), I can say that all the other Canadian WEF Delegates and WEF Member Associations across Canada are not planning to attend WEFTEC in person either. There is, however, an option where you can experience WEFTEC virtually online. See below for details.

If you have any questions about WEF, WEFTEC, or any of their other programs, reach out to me anytime.

WEFTEC 2021 Registration Information

All conference registrations are processed online only by Maritz Global Events, WEF's official registration provider. You will need your WEF account information and a credit card (American Express, Visa, or MasterCard) to login and register. Once registration is complete, you will receive an automatic confirmation of the registration details by email.

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The site also includes step-by-step instructions on the registration process, and a registration tutorial on how to add events to your registration.

WEFTEC registration is paperless and can be completed online through October 20 from your home, office, or hotel room on your computer or mobile device.

WEFTEC 2021

Conference: October 16–20, 2021
 Exhibition: October 18–20, 2021
 McCormick Place | Chicago, Illinois

WEFTEC Online

November 16–18, 2021

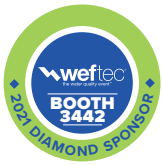
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ACWWA Virtual Conference & Source Water Protection Week

Welcome to the Fall 2021 issue of ACWWA's *Go With the Flow* magazine. As of this writing, the days of summer are getting short in number, and I expect many of you are busy in your respective disciplines preparing for new challenges and, hopefully, new opportunities. In the utility world, that can mean a push at getting the capital construction projects wrapped up, and focusing on fall maintenance programs and budget preparations. I hope everyone had some opportunity to enjoy some vacation time over the summer months. The ongoing pandemic has certainly been a challenge, and that holds true for both AWWA and our Section.

AWWA continues to function at the Board level through mostly virtual meetings. The Association currently intends to hold a Council Summit as an in-person event to include a full Board meeting in Denver from October 25–27. As there remains uncertainty whether many will be able to travel to this meeting, a virtual option for the meeting is being offered as well.

Speaking of virtual options, ACWWA's Annual Conference, originally slated for St. John's, NL, this October, is again a virtual conference. I recall writing in last year's fall article how much I was looking forward to attending this year's conference in St. John's. I know it is disappointing for many members not to be able to gather in person again this year. Meanwhile, we need to continue to offer our members a quality education program, and our Association relies on revenues from the Annual Conference to support



many of these activities. I know that Jason Phillips and his committee, with support from the ACWWA Board, are working hard to produce a top-quality virtual event for our members. Please mark your calendars for this year's (virtual) Annual Conference, "On the Horizon." It is scheduled to be held from December 7–9. Last year's inaugural virtual conference was a great success, and I look forward to 'seeing' everyone in December. Please consider registering, and check the ACWWA website for the latest virtual conference updates. AWWA recently informed us that Angela Ballard-Landers, an AWWA Vice President, will be our virtual Visiting Officer at the ACWWA Annual Conference. We look forward to having her attend virtually.

In other AWWA news, it was recently announced that AWWA is declaring the week of September 26 to October 2 as "Source Water Protection Week." From the press release:

"AWWA and many other organizations at the federal, state and local level recognize the need to join forces to advance the protection of limited drinking water at the source," said AWWA President Chi Ho Sham.

"This includes sharing tools and information, collecting data, supporting assessment and protection plans and encouraging upstream entities to take on shared responsibility."

As part of Source Water Protection Week, AWWA is hosting a #ShowYourSource social media contest. Beginning Sept. 26, utilities and partner organizations are encouraged to post photos or short videos showcasing their precious water sources using the #ShowYourSource hashtag. More information about Source Water Protection Week is available on AWWA's Source Water Protection resource page (www.awwa.org/Resources-Tools/Resource-Topics/Source-Water-Protection).

I encourage you to visit the AWWA website for further information and online resources concerning Source Water Protection Week. I'm pleased AWWA is highlighting the importance of source water through this initiative.

Thank you for the opportunity to serve our Section. Please feel free to contact me with any AWWA-related questions or concerns at scott.grasman@fredericton.ca. ☺

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2021 ACWWA Annual Conference St. John's, NL December 7 to 9

By Jason Phillips (City of St. John's), ACWWA Vice Chair


Join the ACWWA online in December to learn and share your knowledge with friends and colleagues in the water and wastewater industry. The 2021 conference theme is "On the Horizon," which we believe reflects everyone's thoughts as we return to "normal" life – albeit

changed slightly due to the COVID-19 pandemic. We look ahead to the new challenges and opportunities that wait for us "On the Horizon."

As we have all enjoyed our summer and we prepare for our new fall routines, we have been working hard behind the scenes to prepare for the ACWWA Annual Conference.

While we are disappointed that we cannot get together in person this year for our networking event, we will be hosting another virtual conference building upon the success of our inaugural event from last year. This year's conference will include technical sessions on current topics within the water and wastewater industry, and we will have a VP section to highlight the accomplishments of young professionals within our industry. The ABEA tradeshow will continue, providing an opportunity for our local vendors to spotlight new products and advancements in their products and services. New to this year's event: we will be offering virtual technical tours of the Windsor Lake water treatment plant and the Riverhead wastewater treatment plant. We will also be hosting a virtual "meet and greet" session where we will be able to connect with old acquaintances and meet new colleagues.

We hope that you can all join us online to enjoy our virtual conference. More details on the conference will be released in the next couple of months and we will be providing more details on the association's website at www.acwwa.ca as they become available.

We have issued the sponsorship package for the conference, and we still have spots available to be part of our conference program. For anyone that is interested in being a sponsor for this event, you are encouraged to visit our website at www.acwwa.ca to obtain more details. 



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Clara Shea
ACWWA - Executive Director
Email: contact@acwwa.ca
Phone: 902-434-6002



ACWWA INVITES SUBMISSIONS FOR AWARD NOMINATIONS FOR 2021

If you know someone who has made a contribution to the water and/or wastewater industry, don't let their efforts go unnoticed. The following awards are eligible for presentation at the ACWWA Virtual Conference taking place on December 7 to 9, 2021.

Please note that the deadline for 2021 Award Nomination submissions is September 30, 2021.

NOMINATIONS PROCEDURE

Where applicable, an awards committee has been established for the specific awards. The awards committee shall select the recommended candidate for the award from the nominations received, and shall present the award to the recipients during the ACWWA annual conference.

All awards are presented at the ACWWA virtual conference.

Individuals wishing to nominate an individual or group for an award should complete the following form, or contact the ACWWA office and request the applicable nomination form.

LIST OF AWARDS (descriptions follow)

Individual Awards

- Silent Hero Award
- Young Professional Award
- Contribution Award

Organizational Award

- Project of the Year

SILENT HERO AWARD

(nominee must be an AWWA or a WEF member)

The Silent Hero Award(s) is awarded by ACWWA and is presented annually to recognize outstanding contributions of water and wastewater operators.

CONTRIBUTION AWARD

(nominee must be an AWWA or a WEF member)

The Volunteer Recognition Award is awarded by ACWWA and may be presented annually to recognize outstanding contributions by an **individual or a group of individual volunteers** to ACWWA programs and/or the water industry throughout Atlantic Canada.

YOUNG PROFESSIONAL AWARD


(nominee must be an AWWA or a WEF member)

The Young Professional Award recognizes a Young Professional within the Atlantic Canada Water & Wastewater Association for **outstanding contributions to the water & wastewater industry**, and to the ACWWA Young Professionals' committee.

PROJECT OF THE YEAR – ENGINEERING AWARD/ENVIRONMENTAL AWARD

The Project of the Year – Engineering Award/Environmental Award is presented by ACWWA to a Municipality or Utility and their Consultant, one of which is a member of ACWWA, to recognize **outstanding projects in Atlantic Canada that demonstrate innovation and state-of-the-art technology** in water or wastewater projects.

Awards may be presented in each of the following three categories:

- Small Utility – less than 5,000 customers
- Medium Utility – between 5,000 and 25,000 customers
- Large Utility – more than 25,000 customers 



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Nominee's Title: _____

Nominee's Phone & Email: _____

Award: _____

Submitted By: _____

Phone: _____

Email: _____

For Project of the Year – Size of Utility _____

Individuals/Companies Involved _____

- For individual awards, please provide a short write-up that outlines the contribution of the nominee.
- For project awards, please provide a short write-up that outlines the specifics of the project being nominated and identifies the primary people involved with the project.
- Please fax your nominations to ACWWA at **902-435-7796** or send by email to contact@acwwa.ca.

For any questions, please contact:

Clara Shea, Executive Director
 Telephone: 902-434-6002
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Welcome new members

Here is a brief update on our membership.

Name	Organization	Membership
Mohamed Osman	AFNWA	AWWA
Blaine Murray	Town of Stellarton	AWWA
Aaron Dondale	Municipality of Kings County	AWWA
Jake Fulton	Halifax Water	AWWA
Rachel Scurlock	Stantec Consulting Ltd.	AWWA
Harry Spurrell	MUN	AWWA
Soraya Moore	MUN	AWWA
Emma Doucet		AWWA
Maggy McGrath	Dal	AWWA
Victoria Hollohan	MUN	AWWA
Meghan Swanburg		AWWA
Brian Winter	Town of Torbay	AWWA
Peter Van Caulart	Environmental Training Institute*	WEF

Name	Organization	Membership
Kim Beers	Village of Alma	AWWA
Ron Nicholson	Veolia Water Canada	AWWA
Kavita Khanna	Municipality of District of Chester	AWWA
Gene Schilling	Luminutra Technologies Ltd.	AWWA
John Terris	City of Moncton	AWWA
Michael Gray	City of Saint John Water & Sewerage Services	AWWA
Jeff Myrick	Halifax Regional Water Commission	AWWA
Jeff McAulay	Halifax Regional Water Commission	AWWA
	Town of Dalhousie	AWWA

*correction from last issue.

As of August 8, 2021

Total AWWA active members: **417**

Total AWWA late members: **20**

Total active WEF members: **102**

Total WEF late members: **6**

Don't forget the "refer a member" contest for a chance to win a \$50 gift card of your choice.



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Today's forest industry is working hard to become one of the greenest industries on earth.

Paper is an essential part of human civilization. While we all use and depend upon electronic communications, it is easy to ignore that it comes at an environmental cost. Worldwide spam email traffic creates greenhouse gases equivalent to burning two billion gallons of gasoline yearly, with numbers rising. More than \$55 billion in toxic e-waste material is thrown away every year in the US alone, with a recycling rate of only 20% compared to 64.7% for paper.

No industry is perfect. But the paper industry has made, and continues to make, huge investments in environmental responsibility. Specifying and buying paper from certified sources ensures the continuation and growth of carbon absorbing forests. Using paper with appropriate amounts of recycled fibre helps preserve forests, conserve energy, and maximize fibre usage through paper lifecycles.



Who we are

What can the ABEA and its members do for you? The ABEA continues to support the ACWWA and its members.


We continue to listen to the needs of our customers and assist in problem solving. Communication strategies to meet public health guidelines are being adapted where necessary. We consider ourselves a caring team, made up of 56+ unique members and are here to assist in any way possible.

The ABEA offers four x **\$1,000 academic scholarships** annually to deserving individuals who meet the application criteria (visit www.ABEA.biz).

To date we have awarded three scholarships to: **Ethan Kelly** (John Kelly, Gov't PE), **Aaron Stokes**

(Julie Stokes, City of Moncton), and Hunter Rowe (**Darren Rowe**, City of Miramichi). We wish them all the best as they prepare for the fall semester.

As the planning continues for this year's ACWWA Annual Conference (December 7-9), being held virtually, we are continuing to find ways to support the initiative in a meaningful way. Stay tuned!

Education is a hot topic this year, and our membership continues to find ways to assist their customers with creative delivery methods to keep them informed of changes in the industry. If you have a need, please feel free to reach out. We are certain that we have something to meet your needs on an individual basis, or we can create a program in conjunction with the ACWWA Education Team. 

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Contact information for our members, and applications for our Scholarship and Grant Program, can be found at www.ABEA.biz.

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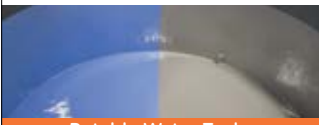
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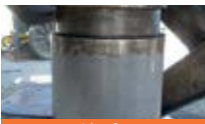
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The ACWWA is pleased to recognize the following winners of our 2020/2021 scholarships:

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Meghan Swanburg in NS, recipient of the Lloyd Douglas Scholarship



Soraya Moore in NL, recipient of the Lloyd Douglas Scholarship



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UPCOMING ACWWA COURSES

The following is a list of the upcoming ACWWA courses. All registrations and payments can be completed online at acwwa.ca. Please check the website for new course listings and the most up-to-date information.

October 6–7, 2021	W&WW Fundamentals	Windsor, NS
October 18–21, 2021	Water Distribution	Moncton, NB
October 19, 2021	Automatic Diaphragm Control Valves	Halifax, NS
October 19, 2021	Metrology	Corner Brook, NL
October 20, 2021	Developing a CCC Program	Truro, NS
October 21, 2021	Automatic Diaphragm Control Valves	Fredericton, NB
October 21, 2021	Metrology	Saint John's, NL
October 25–28, 2021	Water Treatment	Halifax, NS
November 15–18, 2021	Wastewater Treatment	Moncton, NB
November 22–25, 2021	Wastewater Collection	Halifax, NS
February 7–10, 2022	Water Distribution	Halifax, NS
February 14–17, 2022	Water Treatment	Moncton, NB
March 28–31, 2022	Wastewater Treatment	Halifax, NS
April 25–28, 2022	Wastewater Collection	Moncton, NB



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Practical ideas for water & wastewater operations

Registration now open for AWWA's free virtual event for water and wastewater system operations

The pages of *Opflow*, AWWA's award-winning operations publication, come to life this November as the OpShow! This two-day virtual event is focused on providing practical ideas for water and wastewater system operations, with topics ranging from utility case studies to technology solutions. Thanks to generous sponsor support, OpShow will be offered free to all AWWA members, providing an unprecedented opportunity to engage, share best practices, and discover practical solutions for continuous improvement. The American Water Works Association (AWWA) is offering a free two-day virtual event that will bring its award-winning operations publication *Opflow* to life to provide practical ideas for water and wastewater systems operations.

Registration is now open for OpShow on November 3–4, which will cover topics ranging from utility case studies to technology solutions. Attendees will have an opportunity to engage, share best practices, and discover practical solutions for continuous improvement.

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The event is free to members and \$25 for non-members, and participants must register. For participants who register before September 10, AWWA's eLearning course, Basic Math 1 and Chemistry 1, will be free of charge to access.

For more information and to register, visit www.awwa.org/Events-Education/OpShow.

The two-day virtual event features the following four tracks:

- **Track 1:** Water Quality and Treatment – This two-day track will explore best practices for protecting and monitoring source water as well as optimizing all aspects of water treatment.
- **Track 2:** Distribution and Collection Systems – This two-day track will examine how operators can improve many system components as well as prevent issues that can negatively affect water quality and system reliability.
- **Track 3:** Small Systems – Small systems represent many utilities with highly varied characteristics and limited resources. This track will help small system operators and managers meet the challenges they face and find the support they need.
- **Track 4:** Utility Resilience – More than ever, pressure is on water and wastewater professionals to secure their systems from a wide variety of threats, ranging from devastating cyberattacks to wildfires and other extreme weather events. This two-day track will give operators invaluable guidance to help them keep their systems running. 



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Connecting the biosolids community

New talent and resources affirm WEF’s commitment to sustainable biosolids management

By Justin Jacques

Originally appeared in the April 2021 issue of Water Environment & Technology magazine. Reprinted with permission from the Water Environment Federation. All rights reserved.

Water resource recovery professionals have long understood that when processed correctly, fertilizers made by repurposing wastewater biosolids can often represent a safer,

cheaper, and more sustainable soil amendment compared to manure or chemical-based fertilizers. However, while biosolids reuse has become more common in recent decades, its adoption has been sluggish because

of inconsistent regulatory guidelines, gaps in research, and the social stigma of recycling human waste.

The Water Environment Federation (WEF; Alexandria, Virginia) is taking several new steps to help overcome these obstacles. In February, WEF released a new communications toolkit to help utilities and biosolids managers build support for biosolids recycling using simple, science-backed messaging. The organization also established a new staff position, hiring former Northwest Biosolids (Gig Harbor, Washington) Executive Director Maile Lono-Batura as its first Director of Sustainable Biosolids Programs.

“Biosolids are a central product of the wastewater treatment process, a vital part of resource recovery and circular economy, and beneficial for communities in many ways,” said WEF President Lynn Broaddus. “WEF is increasing our investment in biosolids programs and is thrilled to add Maile’s expertise and experience to our team.”

A unified voice

With more than 20 years of experience leading a multi-state biosolids association, Lono-Batura is uniquely suited for her new role, which will involve unifying biosolids recycling practices and regulations that vary by region and state. In a

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February 16 *Words on Water* podcast interview, Lono-Batura described her goal to create a “collective platform” for biosolids research, advocacy, and knowledge-sharing at the national level. Much of her work will center on sharing resources between biosolids-management groups to reduce redundancies and amplify messaging, she said.

“For those of us in the field of biosolids, we know how important it is to have a unified voice around biosolids so that we’re all singing from the same sheet,” Lono-Batura said. “It’s going to be a challenge, for sure. But it is such a worthy challenge to me.”

WEF’s new Biosolids Communications Toolkit, accessible at bit.ly/WEF-biosolids, will help jumpstart Lono-Batura’s work by providing customizable bill inserts, fact sheets, social media infographics, and other materials that convey key messages about biosolids in simple, accessible terms. Each resource available in the free toolkit works from cited, peer-reviewed sources and aim to reach different stakeholder groups, including those both inside and outside the wastewater sector. For example, some resources cover strategies for managing media coverage of biosolids programs, while others tout the benefits of biosolids-based fertilizers for farmers.

“We ‘geek out,’ and that’s not a bad thing within our circle,” Lono-Batura said. “But we lose people pretty quickly if we cannot relay the importance of what the research has found, whether it be favourable or unfavourable.”

Although much of WEF’s existing activity in sustainable biosolids has been technical in nature, Lono-Batura’s new role indicates a growing focus on the social and logistical aspects of the biosolids challenge. Lono-Batura will not only work alongside biosolids professionals among WEF’s membership, but also with regulators, environmentalists, the media, and others.

“There are a whole team of people not just within WEF but within and beyond the biosolids community that we can be aligning with – that part is



what really excites me,” Lono-Batura said. “That we can speak beyond our sector and connect with people beyond the people we normally connect with to see what common ground we have and how we can join forces on soil building, climate change, and producer responsibility.”



The Water Environment Federation (WEF; Alexandria, Virginia) has hired Maile Lono-Batura, former executive director of Northwest Biosolids (Gig Harbor, Washington), as its inaugural Director of Sustainable Biosolids Programs. The new position, along with other recent biosolids programs, signal WEF’s growing focus on promoting biosolids recycling. Image courtesy of Lono-Batura.

Regulation and research

WEF’s new Director of Sustainable Biosolids position and communications toolkit promise to advance national coordination on biosolids recycling, but they are only the latest actions.


In November 2019, for example, WEF invited leading biosolids experts from across North America to its headquarters for a strategic conversation that identified ways to improve biosolids programs and better promote their adoption. Among other recommendations, meeting attendees described needs for better risk assessment methods for contaminants of emerging concern, new training and certification programs, and

more robust communication between producers, farmers, and researchers.

Experts also called for an update to federal government guidance on biosolids use, as most U.S. states currently implement their own biosolids regulations. The U.S. Environmental Protection Agency (EPA) Part 503 Rule, established in 1993, remains the only federal regulation governing land application of biosolids. Despite advancements in treatment technology that result in cleaner, safer, and more viable biosolids, the Part 503 Rule has never undergone a substantial update. Read more about the meeting’s outcomes at <http://bit.ly/wef-biosolids-report>.

WEF also published five new technical resources in 2020 that deal exclusively with biosolids management. Covered topics include the financial costs of managing per- and polyfluoroalkyl substances (PFAS), measuring and managing greenhouse-gas emissions during the synthesis process, bioenergy focused public-private partnerships, and more. Access these technical resources at www.wef.org/biosolids.

In May 2021, WEF hosted its annual Residuals and Biosolids conference in a virtual format. For more information on the latest research in biosolids management and perspectives from biosolids-sector changemakers, visit www.wef.org/residualsbiosolids.

Justin Jacques is the WE&T Departments Editor. He can be reached at jjacques@wef.org. 



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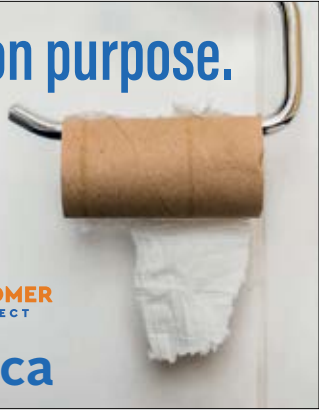
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