

Workshop Committee Updates

By Jeremy Kimura
Workshop Committee Co-Chair

The Workshop Committee will be hosting two virtual workshops in coordination with the Rural Community Assistance Corporation (RCAC) in the fall covering the following topics: 1. Main Breaks and Cross Connection and 2. Flushing.

These workshops are part of a co-op agreement between AWWA and the Rural Community Assistance Partnership (RCAP) that runs between October 1, 2021 and March 31, 2022. Since 2014, AWWA has partnered with RCAP to provide training and technical assistance for small public water systems across the U.S. and Puerto Rico to achieve and maintain compliance with the Safe Drinking Water Act.

The goal of this agreement is to provide the Sections with developed interactive educational content, which the Sections will coordinate with RCAP to deliver 51 workshops in all 50 states and Puerto Rico. The target audience is members of small water systems.

Topic	Hawaii Date/Time	Guam Date/Time
Main Break and Cross Connection	Tues, July 19 from 1-2 PM	Wed, July 20 from 9-10 AM
Flushing	Tues, July 26 from 1-2 PM	Wed, July 27 from 9-10 AM

If you would like to register for these workshops you can use the following links:

Main Breaks and Cross Connection: <https://www.events.rcac.org/assnfe/ev.asp?ID=3224>

Flushing: <https://www.events.rcac.org/assnfe/ev.asp?ID=3225>

Each workshop will offer 0.1 CEU credits upon completion. §

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Western Pacific Subsection

Updates

By Nick Manley

Hafa Adai!! The Western Pacific Subsection recently completed an in-person membership meeting and mixer with a presentation by the Guam Waterworks Authority (GWA) covering a priority list of future projects to be funded by grants provided by the USEPA. Additionally, the meeting was to have members vote for new officers for the 2022-2023 cycle, followed by their swearing in ceremony. We welcomed in two new members to the board, **Mr. John Riegel**, with Brown and Caldwell, whom will be serving as our new vice-chair and **Mr. Tom Cruz**, with the Guam Waterworks Authority, whom will be serving as our new trustee. We also had our incumbent treasurer and secretary, **Mr. Pete Diaz** and **Mr. Joe Claveria**, respectively, who were both nominated and voted to continue in their current roles on the board. This was the first time that the current board members have come together outside of our regular Zoom meetings, as well as most of the rest of the members. It was great to see everyone coming together for an in person meeting and especially in a mixer setting. The meeting was also offered virtually and we were able to get some neighboring island members to participate.

The planning committee is currently in full swing planning our Annual Conference, which is titled "Investing in our Islands' Infrastructure" and is set to be held both in-person and virtually from the Dusit Thani Resort Guam from August 31st to September 2nd. A change this year, is that our conference is joining up with the Water and Environmental Research Institute of the Western Pacific (WERI) to jointly conduct WERI's Annual Advisory Council Meeting in conjunction with our conference.

We invite all Hawaii section members and friends to join us!! More information can be found at our website www.awwahiwps.org

As I write this newsletter, I write as the past chair to the subsection. I have now handed the baton over to **Mrs. Vangie Lujan**, whom will be serving as chair of the subsection for the next year. It has been an honor to serve in this capacity and I look forward to continuing to serve as Past-Chair. Our subsection has a lot of work ahead of it to continue building on the previous year's successes and I appreciate not only the support I have received from the Hawaii section, but from my fellow subsection members. Si yu'os ma'āse, **Nick Manley, P.E.** (AWWA-HIWPS Past-Chair)§

Hawaii's largest and only water education festival, 'Make a Splash' returns to Kaua'i

Department of Water, County of Kaua'i

The Kaua'i Department of Water (DOW) eagerly announces the return of the Make a Splash with Project WET festival (MAS), Hawaii's largest and only water education festival on Thursday, September 15, 2022 at Vidinha stadium soccer field in Lihue.

The Make a Splash festival brings together parents, students, teachers, government resource agencies, organizations and enthusiasts of all kinds for a common cause: to educate students about water, our most precious resource.

"Water education, water system resiliency and responsible water resource management is an integral part of our industry, and this event provides the opportunity to share our knowledge with future water leaders," said **Jonell Kaohelaulii**, DOW's Information and Education Specialist and coordinator of MAS. "Many students are also inspired to seek a career in the water industry because of their meaningful educational experiences that have stemmed from Make a Splash. We invite all water organizations, environmental agencies and educators to join us in this effort to highlight important water issues through interactive activities." Every year, DOW invites 5th grade students from around the island to participate in interactive hands-on activities, games and educational

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Make a Splash
with Project WET Festival
HAWAII'S LARGEST & ONLY WATER EDUCATION FESTIVAL
Thurs. Sept. 15, 2022
Vidinha Stadium Soccer Field in Lihue, Kaua'i
REGISTRATION IS REQUIRED. SPONSORSHIPS AVAILABLE.

SAVE THE DATE! VOLUNTEERS NEEDED

For sponsorship and volunteer opportunities, contact Kaua'i Department of Water, Jonell Kaohelaulii at 808-245-5455 or email: jkaohelaulii@kauaiwater.org



Chair's Message

By Ken Kawahara
Hawaii Section Chair

Aloha Members,
Spring is in the air and the warm days of summer are near! Summer is a time when some take vacations, more outdoor activities and the annual ACE Water Conference. As mentioned in my last

message, ACE will be held in San Antonio from June 12-15. AWWA will stream content (virtual) for their most essential tracks for those still hesitant to travel. The Hawaii Section will be holding a pau hana event on the first day of the conference....thanks Vice Chair **Rich Hopkins** for organizing the event. After two years of virtual, this will be an opportunity to members to rekindle old friendships and build new ones in person.

Although this year's AWWA Fly-In took place in April, the Hawaii Congressional delegation was still conducting virtual meetings due to the omicron variant surge. Therefore we decided to not send any representatives in person. The Fly-In is an opportunity for members to share more information about AWWA and some of its initiatives.

Some interesting factoids of AWWA are:
The American Water Works Association (AWWA) is the world's largest educational and scientific organization dedicated to a better world through better water.

Approximately 50,000 of our members work as community water providers, federal and state regulators, environmentalists, academics, scientists, consultants, engineers and manufacturers in all 50 states, Puerto Rico, the U.S. territories.

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Hawaii Section Vision Statement

"HSAWWA will be the leading force in the State dedicated to safe drinking water."

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Director's Message

By *Juanita Reyher-Colon*
Hawaii Section Director



Aloha Kakou!! I hope you are all safe and healthy. As our State has lifted its Covid 19 restrictions, we are still mindful of safety protocols encouraging a decline in positive cases throughout our communities.

I want to take this time to mahalo **Cliff Lum** as he steps down from the Executive Committee as the Past Chair – your insight and advice have been invaluable. Mahalo **Ken Kawahara** for being our fearless leader during the 2021-2022 Board term. I look forward to you stepping into the Past-Chair position. Taking the helm as Chair for the 2022-2023 Board is non-other than **Rich Hopkins**. Mahalo, Susan, for keeping us organized. Mahalo, **Aiko Fajardo**, Treasurer for keeping the books straight.

“There is no task too great when done together by all – ‘A’ohe hana nui ke alu ‘ia!”

Upcoming events from AWWA

Summer Workshop 360° - Denver, CO – July 27-29

Transformative Issues Symposium: Embracing Our Difference – Cincinnati, OH – August 1-3

Regional Meeting of Section Officers (RMSO) IV – Oakland, CA – August 25-27

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Hawaii Section Mission Statement

“The HSAWWA is dedicated to the promotion of public health and welfare in the provision of drinking water of unquestionable quality and sufficient quantity. HSAWWA must be proactive and effective in advancing the technology, science, management, and government policies relative to the stewardship of water.”

exhibits to learn how this critical resource affects water-dependent activities like agriculture, recreation, the local industry and wildlife habitats. Students leave the festival with a better perspective on how they can contribute to conservation and protection of our water resources and get a glimpse of water professionals.

DOW is currently seeking activity presenters, assistants, and organizations to help lead activities and logistical support during the one-day festival. Activity instructions and supplies are provided for presenters making it easy-to-conduct and is part of the Project WET award-winning curriculum. No formal training is necessary. Other volunteer opportunities include activity set-up assistants, class escorts and set-up and breakdown. Organizations can also sponsor their own activity by providing a water-related activity, including lecture and interactive activity component. Sponsorship is available at no-cost, except for providing your own supplies and staff to conduct the activity.

All volunteers receive a MAS festival t-shirt, morning refreshments and post-event lunch is included. The following organizations have provided their early commitment to be a sponsor-volunteer at this year's MAS on Kauai: Hawaii Rural Water Association, Department of Land and Natural Resources – Aquatic Resources - Kauai Branch, Aqua Engineers, Inc., Kaua'i Farm Bureau and Uncle Tilo's Clean Water, LLC. DOW looks forward to welcoming additional volunteer groups as the registration period continues. School registration to attend Make a Splash is required and is open to Kaua'i 5th grade students only. To sign-up to volunteer and/or be a sponsor at this year's Make a Splash with Project WET Festival or for more information, please contact **Jonell Kaohelaulii**, MAS Coordinator at projectwethawaii@kauaiwater.org. §

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Young Professionals Update

By Camille Gozum
Young Professionals Committee Chair

Aloha YP Members,

It is with great pleasure to say that we are past the peak of COVID restrictions and it is time to get together in in-person events again. The YP section extends gratitude to everyone who attended our first in-person event on April 14, 2022, at Aloha Beer in Kakaako. It was exciting to see and connect with familiar and new faces. We also had our annual rotation of committee members on May 6th, 2022. I would like to express my sincere gratitude to **Jeff Onaga** for his leadership over the past year as YP Chair and **Brittany Obando** for her great contributions as Community Service chair in the past years. Our current committee chairs are as follows:

Chair: **Camille Gozum**

Co-Chair: **Shannon Black**

Secretary: **Siu Fung Tang**

Social Committee Chair: **Calvin Ing**

This quarter, we are also proud to welcome and share the spotlight to **Siu Fung Tang** from G70 as our new secretary. I hope that you can get to know **SiuFung** in this special spotlight and find something to chat about the next time you see him in an in-person event!

How did you get your start in the water industry?

Siu Fung: I got started in the water industry when I started researching under Dr. Kim at UH Manoa. The research was about membrane distillation for treating saline water and wastewater. After I graduated college, I got further into the water industry thru working at G70.

What do you enjoy most about being in the industry?

Siu Fung: What I enjoy the most is that everyone shares a common purpose which is to improve water sustainability.

What is one thing you hope to accomplish as a young professional member/officer?

Siu Fung: As a young professional, I hope to learn as much as possible so that I gain a deep understanding of the profession, which hopefully can help me contribute to the community in a meaningful way.

What is the best piece of advice you have ever been given?

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Our 4,000 utility members serve 80 percent of the U.S. population.

In 1999, the Centers for Disease Control recognized disinfection of public water supplies as one of the five most important public health achievements of the 20th Century.

Some of the key initiatives with a brief description for AWWA this year are below:

Invest in the nation's water infrastructure - asking to fully fund all water programs authorized, but which did not receive appropriations in Infrastructure Investment and Jobs Act, also called the Bipartisan Infrastructure Law.

Building cybersecurity resilience in the water sector - work with stakeholders in the water sector to draft and enact a new coregulatory approach or cyber security in the water sector, improve threat information sharing, support capacity development and provide funding to implement best practices.

Support the "polluter pays" principle for PFAS cleanup - support an explicit exemption from PFAS liability under CERCLA for water systems acting in accordance with all applicable regulations.

For example, if a drinking water utility removes PFAS from source water in order to comply with a drinking water regulatory standard then becomes the possessor of filtration media that contain those PFAS. The utility must then dispose of these PFAS-laden media, typically by sending them to a hazardous waste landfill in accordance with applicable law. However, should the landfill ever become a Superfund site, then the water utility could be treated as a PFAS polluter - and be responsible for a portion of the cleanup costs - forcing local ratepayers to cover the cleanup bill after they already paid to remove the contaminants from their source water. AWWA believes that the ultimate responsibility for cleanup should fall to the polluters who released the PFAS into the environment.

Each one of our members plays a vital role in protecting public health and the environment.

As this is my last message as Chair, I would like to personally thank each and everyone of our members for all that you do...day and night...to protect, deliver, design, construct, repair, manage, etc. this precious resource.

Mahalo! §

Thank you all for your continued support of AWWA-HI and AWWA. Without your membership and participation, we could not fulfill our mission. Stay safe, stay healthy, stay positive, and see each other soon. Until then, Malama Pono!§

Public health sparks water passion for AWWA president Jacangelo

AWWA Connections Article

Dr. Joseph Jacangelo – technical director, project manager, researcher, engineer, professor, author – this month begins his term as the 141st president of the American Water Works Association (AWWA).



Dr. Joseph Jacangelo, AWWA President

He brings more than 35 years of contributions to the water community, specializing in areas including emerging contaminants, water quality and treatment, water and wastewater disinfection, membrane technology, water reuse, and public health.

His water journey began in the rain forest of Zaire, now known as the Republic of the Congo, where he worked as a Peace Corps volunteer after graduating from college.

During his third year there, he was introduced to spring box construction for protection of local villagers' water supplies.

"It was that experience, along with the fact that a substantial amount of the world's disease burden is water-related, that ignited my passion for being able to work in an area that impacts so many others," he said.

His next "wow moment" came when he first attended an AWWA annual conference as a second year doctoral student at the urging of his advisor. All the presentations, the exhibit hall, and the chance to go to a Disinfection Processes Committee meeting created a spark that stayed with him his entire career.

Once he "caught the AWWA bug," **Jacangelo** was all in. He has served two terms as a board member, is a past chair of the Technical and Education Council and the International Council and participated in more than 25 of the Association's various committees. He also is a past recipient of AWWA's Volunteer of the Year and Golden Spigot awards as well as a co-author for two Best Paper awards. (Pictured above, Jacangelo at ACE22 Opening General Session.)

As a vice president and director of research at Stantec, **Jacangelo** also is an adjunct faculty member at the Johns Hopkins University Bloomberg School of Public Health, from which he earned his Ph.D. in environmental health engineering. He has contributed to the completion of dozens of water and wastewater projects and published numerous peer-reviewed papers on membranes, disinfection and emerging contaminants.

It's fitting that his tenure coincides with the launch of AWWA's ambitious, multi-year Water 2050 initiative to collectively visualize the future of

[*continued on page 11*](#)

Siu Fung: My best piece of advice I've been given is be yourself because no one really cares about you anyway.

What is your go-to productivity hack?

Siu Fung: My go-to productivity hack is getting myself in the focus/flow state during the time when my mind has the most clarity. For me it's in the morning.

What hobby or pastime have you discovered (or re-discovered) during the pivot to WFH?

Siu Fung: During the pivot to WFH, I learned piano and guitar from youtube.

As a child, what was your dream job?

Siu Fung: As a child, my dream job was to be a firefighter.

We hope you had learned some thing fun about our new committee officer! Your committee officers are planning exciting events for all of you, so be in the lookout for invites in your inbox! We wish all of you and your families continued best health and safety. Mahalo.

If you or someone you know is interested in getting involved with YP, please contact us at hawaiewater.yp@gmail.com to join our ohana.§

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Wanted: Delegates to Shape Future of Local Governance!

AWWA Section Services

AWWA is helping promote “Local Government 2030 – Lessons for the Future: A Convening of Practitioners,” which will be held November 4-6, 2022, on the University of Nebraska Omaha campus, with work continuing throughout 2023 to further refine and implement identified initiatives.

This is a once-in-a-career opportunity for delegates, who will develop ideas on how local government will deliver services to ensure we meet the current and future needs of our communities.

Delegates will be selected from the following local government disciplines:

General Administration (Managers, Attorneys and Clerks)

Finance or Budgeting

Public Works or Utilities (including Water, Wastewater and Transportation)

Administrative Services (including Human Resources, Information Technology, Communications, Equity and Sustainability)

Community Services (including Parks, Recreation, Library and Arts)

Public Safety and Human Services (including Police, Fire, Public Health and Social Services)

Planning and Economic Development (including Community Development and Housing)

Delegates will receive a \$500 stipend to assist with travel and accommodation costs for the November 2022 convening in Omaha. Applications will be accepted through July 1. For more information, and to apply, go to localgov2030.com.§

[AWWA President, continued from page 9](#)

water. He and many other forward-thinking AWWA leaders and volunteers will help chart a course for water sustainability and success, which **Jacangelo** describes as a call to action.

“We have between 7 and 8 billion people on the earth now, and by 2050 we will have more than 9 billion people on the planet,” he said. “This demographic incongruity is at the root of the continued depletion of our natural resources and the acceleration of climate change. It is incumbent upon all of us as a water community to provide a more perspicuous understanding of what the water landscape will look like in 2050 so we can better strategically plan for and assure a sustainable, resilient water future.”

Jacangelo also intends to continue the work of **Dr. Chi Ho Sham**, immediate past president, and **Melissa Elliott**, past president, around supporting diversity and inclusion, young professionals, and member value and engagement. (Pictured above, Jacangelo receives AWWA president gavel from Sham at ACE22.)

“The thing I value most about AWWA is our 50,000 members,” he said. “Our water community has remained resilient throughout the pandemic, having really come together to rally around efforts to ensure public health. We are a strong, vibrant organization. We are AWWA Strong.”§

U.S. EPA announces much lower PFAS health advisories, grant funding

AWWA Connections

This week the U.S. Environmental Protection Agency (EPA) [released](#) drinking water lifetime health advisories (HAs) for four per- and polyfluoroalkyl substances (PFAS). The American Water Works Association (AWWA) issued a [statement](#) supporting the establishment of national drinking water standards for PFAS that protect consumers while also providing a clear and consistent path forward for managing harmful levels.

Lifetime HAs are intended, with a margin of safety, to represent levels at which adverse health effects are not expected to occur over a lifetime of exposure. Health advisories are not regulatory levels and are not a federally-enforceable health-based limit.

Two of the HAs are final: hexafluoropropylene dimer acid (GenX), at 10 parts per trillion (10 ng/L); and perfluorobutanesulfonic acid (PFBS), at 2,000 parts per trillion (2,000 ng/L).

The other HAs are interim: perfluorooctanoic acid (PFOA), at 0.004 parts per trillion (0.004 ng/L); and perfluorooctanesulfonic acid (PFOS), at 0.02 parts per trillion (0.020 ng/L). These interim HAs for PFOA and PFOS replace the previous 70 ng/L advisory value released in 2016.

“The PFOA and PFOS advisory levels

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Hawaii State Science and Engineering Fair

Youth Education Committee

The annual Hawaii State Science and Engineering Fair was held virtually in March-April 2022 and AWWA-Hawaii Section has once again sponsored awards for the event. Mahalo to our Youth Education Committee and Hawaii Section judges for organizing and participating in this event. Congratulations to all the students!

Lauren Suzuki, Pearl City High School, “Salinity Valve: Fresh Water Conservation”

Angelo Agarano & Mariah Iris Ramo, Waipahu High School,
“Solar-Powered Aquaponics”

Estefany Mae Bayudan & Eva Mendoza, Waipahu High School,
“Monitoring Air Quality through the Creation of a Sustainable and Inexpensive Air Filtration System”

Landon Choy, Kamehameha Schools Kapālama
“Harnessing the Energy in Waves to Generate Electricity” §

AWWA survey: Optimism prevails in resilient water sector

AWWA Connections

Challenges and opportunities impacting the water community over the past year are reflected in the American Water Works Association's (AWWA) latest [State of the Water Industry \(SOTWI\) report](#), available now.



The full report, as well as a corresponding [executive summary](#), summarizes results from an AWWA survey conducted between October and December 2021, during a period when the ongoing global pandemic was contributing to supply chain delays and staffing shortages. During the same period, additional concerns about extreme drought and contaminants such as per- and polyfluoroalkyl were increasing uncertainty about long-term water supplies and regulatory action.

On the brighter side was the November 2021 passage of the [U.S. Infrastructure Investment & Jobs Act](#), which delivered the single largest federal investment in water history and raised prospects for much-needed investments to renew and replace aging infrastructure.

The annual SOTWI survey, which AWWA has conducted since 2004, asked 3,778 utility and non-utility participants from the United States and Canada to rate the current health of the water industry on a 1-7 scale, with 1 “not at all sound” and 7 “very sound.” The responses averaged 4.97 – lower than the previous year’s response of 5.24, but still above the survey’s 19-year average of 4.65. (Pictured right, graph showing optimism ratings since 2004.)

David LaFrance, AWWA CEO, said he saw the survey response regarding the health of the water sector as a temporary dip in the water community’s overall optimism for the future.

“My view is that water professionals’ accomplishments were miraculous this past year, especially given the extraordinary challenges they faced,” he said. “I have great confidence in the water community, and I think this is just a one-year dip in the optimism curve. I only see a positive water future.”

The annual SOTWI survey tracks water professionals’ perceptions of their ability to safeguard public health, support and strengthen communities, and protect the environment. The report is developed to help water utilities, service providers, regulators and researchers identify and prepare for challenges, opportunities and trends impacting the water community.

Both the full report and the executive summary are available at no cost to members on AWWA’s State of the Water Industry [resource page](#).§

are extremely low and do not reflect the draft recommendations of EPA’s own expert Science Advisory Board review,” AWWA’s statement said. “The health advisory levels at parts per quadrillion are undetectable by modern laboratory methods.”

EPA also announced that \$1 billion in grants would be available in fiscal year 2022 through the [Infrastructure Investment and Jobs Act \(IIJA\)](#) to support community investments to manage PFAS in drinking water. A total of \$5 billion in IIJA funding will be available over the next five years, in addition to State Revolving Loan Fund (SRF) funds, which are prioritized for small utilities and disadvantaged communities. States and territories should [submit a letter of intent](#) by Aug. 15, 2022, to receive grant funding.

PFAS risk assessment and communication

EPA’s PFAS announcement emphasizes 1) assessing the extent of contamination, 2) informing customers, and 3) examining steps to limit exposure. EPA acknowledges that the HAs reflect levels at which negative effects may occur but that such effects are more likely at higher concentrations.

“AWWA’s members are working diligently to manage the risk posed by PFAS in drinking water,” AWWA’s statement said. “At the low levels set in the health advisories, protecting source water from PFAS contamination is critical. AWWA urges Congress and other decision-makers to implement policies that keep harmful PFAS out of our communities, especially the nation’s drinking water supply.”

EPA is hosting a June 23 webinar to provide guidance for utilities on how to communicate with the public about the risks of PFAS. The agency also provides online risk communication materials, including:

[PFAS Risk Communications Hub](#)

[PFAS – Per- and Polyfluoroalkyl Substances](#)

AWWA has a suite of resources available on its [PFAS resource page](#), including [Trending in an Instant: A Risk Communication Guide for Water Utilities](#).

Newsletter Advertising

The Hawaii Section of the American Water Works Association (AWWA) is currently seeking advertisers for its quarterly newsletter. Advertising provides a direct message to a population of over 600 members state-wide who are in need of the products or services being advertised. Although we have switched to electronic distribution of the newsletter, we feel that there is still equal benefit to advertising in the electronic newsletter as with the printed newsletter. In addition, advertising in the electronic newsletter can be in full color.

Please be aware that advertising in the newsletter is available only to businesses related to the drinking water field. Please also note that all advertisements will be submitted for review and approval by the AWWA Hawaii Section Board of Trustees for ad content.

Item Number	Ad Size	Ad Size (w x h)	Cost Per Issue
(1)	1/8 Page	3 1/2" x 2 1/4"	\$35 (business card)
(2)	1/4 Page	3 1/2" x 4 3/4"	\$55
(3)	1/2 Page (H)	7 1/2" x 4 3/4"	\$80
(4)	1/2 Page (V)	3 1/2" x 9 3/4"	\$80
(5)	Full Page	7 1/2" x 9 3/4"	\$110

To advertise in the AWWA Hawaii Section Newsletter, simply complete the application form below.

Ads must be in a "camera ready" form, as a *.jpeg or *.tif, and must have a minimum resolution of 225 dpi – maximum resolution of 300 dpi.

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AWWA Library

The library is maintained by the AWWA Hawaii Section for use by its members. If you are interested in viewing any of the following literature, please contact hiawwa@gmail.com.

- 2011 Annual Conference - Opening Genl Session videos
- A Century of Safe Drinking Water
- Air Valves: Air Release, Air/Vacuum, and Combination, 2nd Edition (M51)
- Activated Carbon: Solutions for Improving Water Quality
- Aquifer Storage and Recovery (M63)*
- Avoiding Rate Shock: Making the Case for Water Rates
- AWWA 2002 Annual Conference Videos
- AWWA and the Consumer Confidence Report
- AWWA M/DBP LT2 Stage 2 Training Toolkit
- Backflow Prevention and Cross Connection
- Basic Microbiology for Drinking Water Personnel, 2nd Edition
- Basic Chemistry for Water & Wastewater Operators
- Careers in Drinking Water
- Case Studies in Source Water Protection
- Computer Modeling of Water Distribution System (M32)
- Condition Assessment of Water Mains (M77)*
- Desalination of Seawater (M61)*
- Design and Construction of Small Water Systems
- Developing Rates for Small Water Systems
- Disinfectants and Disinfection By-products: Understanding the Proposed D/DBP Rule (2 tapes) with accompanying handbook
- Disinfection of Pipelines and Storage Facilities Field Guide
- Distribution System Requirements for Fire Protection, 4th Edition (M31)
- Distribution Valves: Selection, Installation, Field Testing, and Maintenance, 3rd Edition
- Drought Preparedness and Response, 2nd Edition (M60)*
- Ductile-Iron Pipe and Fittings, 3rd Edition
- Field Guide to SDWA Regulations
- Flexible Membrane Covers and Linings for Potable Water Reservoirs, 3rd Edition (M25)
- Forecasting Urban Water Demand, 2nd Edition
- Guide to the Filter Backwash Recycling Rule
- Handbook of Public Water Systems, 2nd Edition
- How Water Works - a Typical Water System Poster
- How Water Works - an interactive Tour CD
- How Water Works - Conventional Water Treatment Processes Poster
- How Water Works - Residential Use
- HWEA presents Water Recycling in Hawaii
- Hydraulic Modeling and GIS
- Inside the Weather
- Installation, Field Testing and Maintenance of Fire Hydrants (M17)
- Introduction to QualServe
- Lead and Copper Rule Compliance: How to Conduct a Corrosion Control Study (2 tapes) with accompanying handbook
- Let's Talk Safety Talks
- Math for Distribution System Operators
- Math for Water Treatment Operators: Practice Problems to Prepare for Water Treatment Operator Certification Exams
- Maintaining Water Quality in the Distribution System
- Membrane Applications for Water Reuse (M62)
- Modeling Water Quality in Distribution Systems, 2nd Edition
- Natural and Engineered Solutions for Drinking Water Supplies
- Operator Certification Guide - 5th Edition
- Operator Math Made Easy
- Our Water Cycle DVD
- Overview of Environmental Laws and Regulations
- Plain Talk about Drinking Water - 5th Edition
- Planning for the Distribution of Reclaimed Water, 4th Edition (M24)
- Practical Manual of Groundwater Microbiology, 2nd Edition
- Public Affairs for Water Utilities
- Pump Selection and Troubleshooting Field guide
- PVC Pipe – Design and Installation, 3rd Edition (M24)
- Rehabilitation of Water Mains, 3rd Edition (M28)
- Risk and Resilience Management of Water and Wastewater Systems
- Safety First: Night Work
- Safety First: Water Main Repair DVD
- Safety First: Work Area Traffic Control
- Safety Practices for Water Utilities
- Secrets to Success: How to Prepare for Operator Certification
- Seizing the Initiative: Section and Member Utility Involvement in the SDWA
- The Business of Water: A Concise Overview of Challenges and opportunities
- The Evolving Water Utility

AWWA Library

The library is maintained by the AWWA Hawaii Section for use by its members. If you are interested in viewing any of the following literature, please contact hiawwa@gmail.com.

The Importance of Utility Membership
Water Audits and Loss Control Programs, 4th Edition (M36)
Water Conservation Communications Guide
Water Conservation for Small and Medium-Sized Utilities
Water Conservation-Oriented Rates: Strategies to Extend Supply, Promote Equity, and Meet Minimum Flow Levels
Water Conservation Programs -A Planning Manual, 2nd Edition
Water Distribution Operator Training Handbook
Water Infrastructure at a Turning Point: The Road to Sustainable Asset Management
Water Main Disinfection and Dechlorination
Water Operator Certification Exam Prep
WSO: Water Transmission and Distribution
Water Resource Alternatives: The Future of Sustainable Utility Practices (2 tapes)
Water Reuse for a Sustainable Future
Water Quality in Distribution Systems (M68)
Water Treatment Made Simple for Operators
We are AWWA

WSO: Distribution System

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LAST-DAY OR EARLY
REGISTRATION
12/6/2019
PACIFIC WATER CONFERENCE!
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READING EXTENDS TO 12/15!
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NO FLUSH
CHEERS TO YOU!
FEBRUARY 4-5
NO WATER
NO FLUSH

Committee Chairs 2021 - 2022

Awards

Cliff Lum

Aqua Engineers, Inc.

Bylaws/Standard Practice Manual

Paul Scott

Engineered Systems, Inc.

Conference

Carly Kaneko

Austin, Tsutsumi & Associates, Inc.

Diversity/Young Professionals

Camille Gozum

GHD

Exhibits

Ken Malone

Mueller Water Products, Inc.

Finance

Aiko Fajardo

Inclusion Consulting, LLC

Fuller Award

Ross Kaneko

CH2M Hill/Jacobs

Legislation/Regulation

(Vacant)

Membership

Jordan Oue

Sean Shigenaga

Honolulu Board of Water Supply

Newsletter

Jessica Agsalda

The Limtiaco Consulting Group

Nominating/Scholarship

Mark Ohigashi

Operators Training

Daniel Lee

Honolulu Board of Water Supply

Pacific Rim

Dean A. Nakano

Brown and Caldwell

Public Outreach

(Vacant)

Research/Technology

(Vacant)

Scholarship

Jeffrey Pearson

County of Maui Department of Water Supply

Scholarship

Ken Ota

Pacific Pipe Company

Small Water Systems

Joy Gannon

Pulama Lanai

Strategic Planning

Rich Hopkins

Hopkins Technical Products Inc.

UH Manoa Student Chapter Subcommittee

(Vacant)

Water for People

Adrienne Fung

AECOM

Water Reuse

Lorna Heller

Honolulu Board of Water Supply, Water Conservation Section

Website

Joanna Seto

Hawaii Department of Health, Environmental Management Division

Western Pacific Subsection

Nick Manley

HDR, Inc.

Workshops/Safety

Jeremy Kimura

Commission on Water Resource Management, DLNR

Workshops/Safety

Barry Pollock

Rural Community Assistance Corporation

Youth Education

Kathryn Yoshimura

Honolulu Board of Water Supply



Upcoming Calendar of Events

July 19, 20, 26 and 27, 2022

RCAC Workshops:
Main Break and Cross Connection; Flushing – virtual

July 27-29, 2022

Summer Workshop 360° - Denver, CO

August 1-3, 2022

Transformative Issues Symposium: Embracing Our
Difference – Cincinnati, OH

August 25-27, 2022

Regional Meeting of Section Officers (RMSO) IV –
Oakland, CA

August 31 - September 2, 2022

Western Pacific Subsection Annual Conference

September 15, 2022

Kauai DOW 'Make a Splash' Event - Lihue, HI

Membership Rates

Individual Active: \$216

YP: \$99 (for the first year)

Operations/Admin: \$77

Student: \$20

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Hawaii Section Website and Email Address

The Hawaii Section website is www.hiawwa.org
Please visit the website for the latest information
about the Section.

The Hawaii Section email address is
hiawwa@gmail.com
Please include "Attention: [insert person's name
or position/committee]" in the subject line.

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Newsletter Articles

AWWA members are welcome to submit articles
for the Newsletter. Please contact the editor for
information.

Submissions for the Summer Newsletter are
due by
Friday, August 12, 2022

Production Information Newsletter

The American Water Works Association Hawaii
Section newsletter is published to inform its
members of Section and International AWWA
activities, meetings, educational opportunities and
other matters of interest to the water community.
The mention of trade names for commercial
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