AWRA newsletter
Washington Section
AMERICAN WATER RESOURCES ASSOCIATION

Fall 2022

PRESIDENT'S NOTES

Jenna R. Mandell-Rice
Van Ness Feldman LLP

Hello AWRA-WA members,

I hope you all had a wonderful summer and are taking advantage of these remaining days of beautiful, sunny weather.

Since our last newsletter, AWRA-WA has been busy holding virtual presentations and is working on a variety of great events for this fall. We continue to strive to provide and networking opportunities for our members. Here are a few highlights from our most recent events:

- Sam Fixler, a former Central Washington University graduate student, presented virtually to the membership on June 23, 2022, regarding the effects of large wood restoration on channel morphology. The Board hopes to benefit both students and AWRA-WA members by highlighting the important work of students through our virtual presentation platform.
- On June 29, 2022, AWRA-WA held its first in-person networking event since March 2020. AWRA-WA members reunited for a stroll around Green Lake in Seattle. I was thrilled to see both new faces and familiar faces. We hope to hold more in person events this fall for those who are comfortable meeting in person.
- On August 25, 2022, Tom Tebb from Department of Ecology's (Ecology) Office of Columbia River and Jamie Short from Ecology's Eastern Regional Office jointly presented on two important Ecology initiatives: the Pasco Basin Groundwater Rulemaking effort and the Quincy Groundwater Program.
- On September 20, 2022, Mike Swiger of Van Ness Feldman presented on opportunities and challenges in pursuing small hydropower projects that can be placed inside of existing conduits, such as canals, irrigation ditches, and pipes. Funding for these projects through the Inflation Reduction Act may serve as a great opportunity for a variety of entities in Washington to use their existing water conveyance infrastructure to generate renewable energy!

Newsletter Contents

Please keep an eye out for emails from AWRA-WA regarding more virtual presentations and networking opportunities this fall!

I want to remind everyone that registration is now open for the National AWRA Conference on November 7-9, 2022 at the Hyatt Regency Lake Washington. See page 8 for more details. Continuing our commitment to students in the water resources community, the Board is proud to be able to sponsor the attendance of six students at the National conference this year. I want to thank the AWRA-WA board members and the many other volunteers who are working around the clock to pull the National Conference together. They have put together an interesting and timely agenda that should be valuable to professionals across the water resources community.

As part of the National Conference, AWRA-WA will host a State Section lunch on Monday, November 7, 2022, where we look forward to providing you with an update on the activities of our section, presenting the award for AWRA-WA Outstanding Water Resources Professional, and networking with our colleagues. We hope to see you at the National Conference and the State Section lunch!

(*Continued on page 2*)

(AWRA President's notes, from page 1)

As AWRA-WA prepares for the future, we have included in the newsletter our proposed Board slate for 2023 and information on voting procedures and our annual meeting in December (see pages 3-7).

As always, I want to thank our corporate sponsors, whose financial contributions have helped keep all our events free or low-cost again this year, and our dedicated Board, who have continued to put together high-quality events and make other contributions such as the newsletter you are reading now.

If you have any questions or comments for the Board please contact me at jrm@vnf.com.

Thank You AWRA-WA 2022 Sponsors!

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Contact: Jessica Kuchan kuchan@confluencelaw.com

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AWRA – WASHINGTON SECTION ANNUAL MEETING

the AWRA Washington section will convene its annual member meeting virtually in mid-December (date to be announced), prior to which elections for the 2023 Board of Directors will be conducted. Our elections process will be electronically administered. Each AWRA-WA member in good standing will be sent a link to a secure ballot and can vote for up to 15 individuals for the 2023 Board, with the option to add write-in candidate(s). Biographies of those nominated for the 2023 Board candidate slate are presented on the following pages for review. Election results will be announced at the mid-December Annual All Members Meeting.

The Board of Directors includes up to 20 Directors, plus the Past-President. All AWRA-WA members may attend the Annual Meeting and nominate other candidates. Board Members actively participate and support the following activities: attending monthly Board meetings, refining State Section policies, running dinner meetings, organizing the Annual Conference, securing articles for newsletters, supporting the student chapters and establishing new student chapters, and other activities.

The AWRA-WA 2022 Board of Directors presents the candidates listed below for the 2023 AWRA-WA Board:

Rabia Ahmed
James Bush
Colin Butler
Tom FitzHugh
Jessica Kuchan
Jenna Mandell-Rice
Greg McLaughlin
Jason McCormick
Anurag Mishra
Robin Nimmer
Tom Ring
Katherine Ryf
Stephen Thomas
Patrick Vandenberg
Haley Ventoza

2022 AWRA-WA BOARD

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JRM@vnf.com
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Treasurer: **Stephen Thomas**
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Secretary: **Greg McLaughlin**
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Director: **Patrick Vanderberg**
Waawra.webmaster@gmail.com
UW Student Rep: **Vacant**
AWRA@u.washington.edu
CWU Student Rep: **Emily Polizzi**
emily.polizzi@cwu.edu
UW Faculty Advisor: **Vacant**

CWU Faculty Advisor: **Carey Gazis**
cgazis@geology.cwu.edu

CANDIDATE BIO'S

Rabia Ahmed – Rabia is Principal Economist and Managing Partner at Greene Economics in Seattle, where she has worked since 2018. She served as the 2019 AWRA-WA Chapter President, was 2017 co-chair of the State Conference, and is on the Board of Directors and incoming 2023 President-Elect for AWRA National. She is also Co-Chair of the 2022 AWRA National Conference. She has over seventeen years of experience in water and natural resource economics, policy and regulatory economics, litigation support, and international development. Prior to work at Greene Economics, Rabia spent twelve years at Maul Foster & Alongi, Ramboll, and Cardno. Her expertise in the water sector includes water law, water markets, surface and groundwater rights assessment and valuation, water supply security analyses, water rights permitting, and cost-benefit and feasibility analyses of water projects. She has led water management projects in over twenty-five US states and internationally, including development work with some of the most remote communities of Pakistan and Bangladesh. She has an MS degree in Economics from Portland State University. She lives in Lynnwood, Washington, with her husband, two children, two sweet budgies, and a beautiful cockatoo. In her spare time, she likes hiking and sailing with her family.

James Bush – James is a licensed hydrogeologist in Aspect Consulting's Olympia, Washington office. He has over 11 years of experience assisting public and private sectors clients in water supply planning and development, groundwater-surface water interactions, water reuse, artificial groundwater recharge, and aquifer sustainability. At Aspect, James specializes in developing and applying groundwater models using a decision-support framework to identify water resources solutions in complex groundwater environments. He has advised clients and delivered technical solutions throughout Washington, Oregon, and the broader Western U.S. James holds a B.S. in Geological Sciences from the University of Idaho and an M.S. in Applied Geosciences at the University of Washington. He lives in Tumwater with his wife where he enjoys skiing and playing rec-league softball and volleyball.

Colin Butler – Colin is a hydraulic engineer with Watershed Science & Engineering in Seattle. He specializes in river modeling and technical water resources projects, working on flood studies, basin-wide hydraulic and hydrologic analyses, habitat restoration, culvert replacements, and field data collection throughout the Pacific Northwest. He graduated with a Bachelor of Science in Civil Engineering from the University of Washington where he worked in mountain and snow hydrology research and served as the UW AWRA Student Chapter President. He is a licensed professional engineer in Washington and California and an FAA certified remote pilot. Outside of his professional life, he loves to cycle, swim, ski, backpack, and support student-led outdoor education trips run by a local nonprofit. He also enjoys traveling, attending concerts, exploring new cuisines, and cheering on his local professional sports teams.

Tom FitzHugh – Tom FitzHugh is a Water Resources Scientist with Stantec Consulting, in Bellevue, Washington. He specializes in hydrologic modeling of surface water systems, including reservoir and water supply system operations, riverine and reservoir temperatures, and rainfall-runoff processes. His current work is analyzing water supply operations for water agencies and other clients in California's Central Valley. Prior to joining Stantec in 2015, he worked for the Bureau of Reclamation in Sacramento, California for 5 years, where he conducted modeling for long-term planning studies such as the Shasta Lake Enlargement study and analysis of new environmental flow standards in the San Joaquin River Basin. From 1999-2009 he worked for The Nature Conservancy in Chicago and Olympia, where his responsibilities were regional conservation planning, analysis of environmental flows, scientific software development and training, and GIS. He has an M.S. in GIS and Remote Sensing from the University of Wisconsin-Madison, and a B.A. in Political Science from Lawrence University. In his spare time he enjoys hiking, learning and practicing his Spanish and French, and following the Seattle Sounders and the OL Reign.

Jessica Kuchan – Jessica is a partner with Confluence Law, PLLC where she helps clients with issues relating to water resources, land use and natural resources. Jessica works with local governments, non-profits, and private water users to find innovate solutions to complex water resource issues. Prior to law school, Jessica was an environmental scientist with the King County Department of Natural Resources researching the impact of water quality changes on freshwater mussels, macroinvertebrates and salmon. Jessica received a BS in biology from Gonzaga University and juris doctor from Lewis and Clark Law School with a certificate in Environmental and Natural Resource Law.

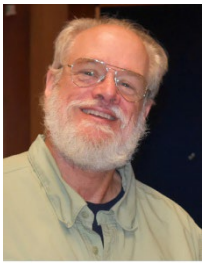
Jenna Mandell-Rice – Jenna is a Partner in the Seattle office of Van Ness Feldman LLP. She practices in the areas of water, natural resources, and environmental law, with a focus on water resources development, civil litigation, and public policy. Jenna has worked with municipal water utilities and suppliers to address water rights, water supply and water quality challenges, and has assisted clients in finding solutions for municipal and agricultural water supply. She also helps clients navigate complex regulatory, permitting, enforcement and litigation matters under a range of environmental statutes, including the Federal Power Act, Clean Water Act, Safe Drinking Water Act, Washington State Environmental Policy Act, National Environmental Policy Act, and Endangered Species Act. Prior to joining private practice, Jenna served as a law clerk for the Council on Environmental Quality (CEQ), an office within the Executive Office of the President that coordinates Federal environmental efforts and works closely with agencies and other White House offices to develop environmental policies. She also served as an intern for the Honorable Christine M. Arguello in the U.S. District Court for the District of Colorado.

Greg McLaughlin – Greg is a Program Director with Washington Water Trust, where he has worked since 2006, opening the Ellensburg Field Office in 2008. His instream flow and water resource management projects have provided permanent streamflow to rivers and tributaries throughout Washington State. His work includes water right reviews, connecting project benefits to salmon recovery plans, and shepherding those projects through the Ecology review process. He is a frequent presenter statewide on water rights valuation and transactions, trust water, and water law. Greg has worked since 1997 on collaborative resource management projects from his hometown in rural Missouri to the Mekong River in Thailand. Greg currently lives in Lynnwood, WA, and spends his free time cross country and telemark skiing, traveling, and spending time with his wife and four sons. He is also the AWRA-WA newsletter editor.

Jason McCormick – Jason is Principal and Founder at McCormick Water Strategies (MWS) with fifteen years in water resources. Jason is recognized regionally as a water rights and water transactional expert. In 2015, Jason formed MWS after working in the private and non-profit sectors. His formative experience includes ten years specializing in water transactions, trust water, mitigation banking, permitting and water rights administration, water right due diligence and examination, representing private and conservation buyers and sellers, and geospatial water rights evaluation across Washington State. Early in his career, Jason worked as a permit writer for the newly formed Washington State Department of Ecology, Office of Columbia River, where he focused on water right permitting, project planning, geospatial water resources mapping, program outreach, and coordinating initial grant solicitations. From his experience in the private, non-profit, and public sectors, he excels at water right permitting and administration, water transactions, water banking, water right evaluations and due diligence, and complex water resources problem solving. In addition, he draws a strong appreciation for the communities and unique values of Washington State from his local roots in Central Washington.

Anurag Mishra – Dr. Mishra is Senior Hydrologic Engineer at DSI, with more than a decade of consulting experience. He completed his master's and PhD at Virginia Tech. His research focused on estimating uncertainty in water quality modeling. He worked at AQUA TERRA Consultants/RESPEC for more than a year before moving to Pacific Northwest area to work at DSI. Dr. Mishra lives with his wife and high school age son and enjoys all the natural outdoor activities that PNW has to offer, year around. He likes cricket, kayaking, skiing, hiking, biking, and running, in "no particular order". His interest in improving the environment doesn't stop at the work boundary, and he volunteers with local organizations in water quality data monitoring and habitat restoration.

Robin Nimmer – Dr. Nimmer is Senior Hydrogeologist and has worked as a project management lead at the Water Resources Division at Alta Science and Engineering for the last 14+ years. She has a B.S. in Geology from the University of Wisconsin Milwaukee, an M.S. in Hydrology from the University of Idaho, and a PhD in Geology from the University of Idaho. She is a Professional Geologist in Idaho and a Licensed Geologist in Washington. Robin works on hydrogeology-related projects in the northwest and specializes in flow and transport in fractured rock. Her projects range from characterizing and remediating groundwater to helping individuals and communities have a sufficient water supply.



Tom Ring – Tom served as a hydrogeologist with the Water Resources Program of the Yakama Nation from 1990 until his retirement in late 2019. He worked on a variety of projects involving groundwater and surface water quantity and quality, water rights, irrigation and fisheries issues and planning for future water needs. He continues to be active in the Managed Aquifer Recharge component of the Yakima Basin Integrated Plan. Tom has BS and MS degrees in geology from Central Washington University and Northern Arizona University, respectively. He has taught geology and hydrogeology classes at Central Washington University and is a licensed geologist and hydrogeologist in Washington State. He enjoys getting out in the mountains, coasts, and deserts of the American west.

Katherine Ryf – Born and raised in rural Franklin County, Katherine is a native of the rolling dry land wheat hills of Kahlotus, Washington. She graduated from Eastern Washington University with a BS in Environmental Biology. She has three daughters immersed in Quincy's community, public and private schools. Katherine manages the Quincy office of Landau Associates. Katherine has nearly 20 years of experience with water rights and water supply solutions. She is highly knowledgeable of Washington and federal water laws, agricultural practices, and real estate acquisition. Prior to joining Landau Associates, she served as a water right analyst for the Washington State Department of Ecology (Ecology) and water right specialist for the Washington State Department of Fish & Wildlife. Katherine represented Ecology as a liaison to the US Bureau of Reclamation, the Columbia Basin Irrigation Districts, municipalities, water users and local stakeholders to implement integrated water supply solutions. While living in Four Lakes, Washington she served as the Board of Directors for the Friends of Turnbull National Wildlife Refuge. Living in Quincy, Washington, Katherine currently serves on the Grant County Economic Development Council Board of Directors and is a regular participant of the Ecology Water Resources Advisory and Palouse Basin Aquifer Committees.

Stephen Thomas – Stephen is lead hydrogeologist in the Redmond office of GeoEngineers, Inc. He has 30 years of experience as a hydrogeologic and water resources consultant. He manages and performs technical aspects of hydrogeological investigations for groundwater resources development, wellhead protection and groundwater management, groundwater contamination and waste disposal, dewatering, and environmental projects. A native of the United Kingdom, Stephen moved to Seattle in 2001, having previously lived in Los Angeles since 1992. He holds a BS in Geology from the University of Cardiff (Wales) and a MS in Hydrogeology from the University of Birmingham (England) and is a licensed hydrogeologist in the states of Washington and California. Stephen has been on the AWRA-WA Board since 2009, and has held positions of Vice-President, Secretary, and Treasurer, and has chaired the Dinner and Sponsorship committees. Stephen enjoys many outdoors activities, notably triathlons, skiing, and tennis, as well as annoying his neighbors with his guitar playing.

Patrick Vandenberg – Patrick, a native of Southern California, has called Seattle home for about three years now. He is the Senior Civil Engineer at Seattle Public Utilities District, where he specializes in hydrology and hydraulic modeling. He received his BS from UCLA and his MS at UW, both in Civil Engineering. He was formerly the University of Washington Student Chapter Representative to the AWRA-WA Board. Patrick previously worked for King County as a hydraulic modeling engineer in the Wastewater Treatment Division. Before moving to Seattle, he worked as an environmental engineer for AECOM in Long Beach, CA. He enjoys playing ultimate Frisbee and volleyball. He is also the AWRA-WA Webmaster.

Hayley Ventoza – Haley is an associate at Tupper Mack Wells in Seattle, Washington. Her primary practice areas are water rights, environmental compliance, and administrative and judicial appeals in the areas of environmental law, land use, and natural resources. Hayley has represented clients in both state and federal court and has negotiated hundreds of tough cases to a favorable resolution. Hayley has been named a "Rising Star" by Washington Super Lawyers® for 2021 and 2022. Hayley is also passionate about improving our community. She helped establish the first Veteran's Treatment Court in Lakewood, Washington, which assists veterans by providing them access to treatment, employment, and a supportive community. She successfully petitioned the Clemency and Pardons Board on behalf of the first woman sentenced to life without parole under Washington's three-strikes law. And she serves on the City of Burien Parks and Recreation Board, which is dedicated to strengthening the community through outdoor spaces and events.

AMERICAN WATER RESOURCES ASSOCIATION

#AWRA2022 ANNUAL WATER RESOURCES CONFERENCE

November 7-9 | Renton, WA

awra.org/2022AnnualConference

Join your colleagues in beautiful Seattle Washington for one of the most diverse and inclusive conferences in water resources management. **Don't miss** out on the conference that provides you with innovative, practical, and applied water resource management solutions, management techniques, and current research.

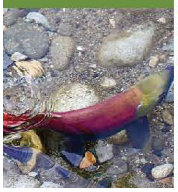
Early bird registration ends October 19!

AWRA Member / Non-Member & Gateway: $695 / $895
Student AWRA Member / Non-member: $300 / $350
One Day AWRA Member / Non-member: $350 / $550

Attendees can expect:

- More than 50 sessions & 4 workshops.
- Nationally recognized keynote speakers.
- Field trips to explore Seattle.
- A night out at the Seattle Aquarium.
- Premier networking opportunities, and more!

Register now and preview the preliminary program today!



Any water professional can register separately for our Tuesday night event at the Seattle Aquarium. Conference registration is not required!

AWRA-WA Virtual Lunch and Dinner Meetings

NOTE: Videos of all AWRA Lunch and Dinner Meetings in the last year are available to AWRA-WA members on our Member Portal at: https://www.waawra.org/Member-Portal (login required)

Decadal-Scale Effects of Large Wood Restoration on Channel Morphology and Groundwater Connectivity, Taneum Creek, WA

Sam Fixler, Central Washington University, AWRA Lunch Meeting - June 23, 2022

Sam Fixler, former president of the Central Washington University (CWU) Student Chapter of AWRA-WA, presented at a virtual lunch meeting about his research evaluating the long-term effects of large wood placements on channel morphology and groundwater connectivity in Taneum Creek in Kittitas County, WA. Sam recently earned his master's degree at CWU and will be pursuing his doctorate degree at the University of Colorado, Boulder in the fall of 2022. During Sam's time as a M.S. Geology candidate at CWU he was actively involved in CWU's AWRA-WA Student Chapter. As President, Sam creatively and persistently led his Student Chapter through the many challenges the virtual academic and work environment has presented. Sam is also an AWRA-WA fellowship awardee.

The Taneum Creek is a fish bearing tributary of the Yakima River that has been degraded and simplified by a legacy of logging and road building. Taneum Creek has been treated with large wood placements over several years with the goal of restoring habitat complexity and base flow. Sam's presentation considered the changes in complexity in large wood distribution and its impact on groundwater upwelling and downwelling following the installation of large wood and a 100+ year flood event in 2011. Sam's research tracked the sinuosity, floodplain connectivity and multi-threaded channel index of the Creek. Sam's research found that the large wood installed before a large flood event created better floodplain connectivity and habitat for multiple species. The creation of the side-channel avulsions from the large wood and flood event allowed for beavers to colonize and create a large newly created wetland complex. Sam's research on groundwater patterns for upwelling and downwelling found there is some evidence of upwelling at the downstream end of the pool forced by the large wood, and the downwelling seems to be in the downstream pool-riffle sequence. His research suggests that the formation of the pool-riffle seems to drive the groundwater change, which is under future study. After his presentation, Sam was asked whether the wood placements had increased base flow, an important goal for floodplain restoration. His response was "Probably, but its hard to say". This is because there was no pre-treatment baseline monitoring that would allow for the isolation of baseflow effects.

Pasco Basin Groundwater Rulemaking Effort and Quincy Groundwater Program

Jamie Short and Tom Tebb, Washington Department of Ecology, Dinner Meeting - August 25, 2022

Jamie Short and Tom Tebb of the Washington Department of Ecology presented jointly at an AWRA WA dinner meeting on August 25th. Both presentations dealt addressed the somewhat unusual problem of how to deal with accumulating groundwater in two parts of the Columbia Basin which are covered under WAC 508-14. In both areas, decades of application of irrigation water diverted from Franklin D. Roosevelt Lake on the Columbia River behind Grand Coulee Dam has caused groundwater levels to rise, and Ecology has worked with the U.S. Bureau of Reclamation on how to manage and permit this artificially stored groundwater.

Jamie Short, Water Resources Section Supervisor presented on the Quincy Basin, where several studies have documented the rise of water levels in the sedimentary aquifer due to irrigation induced recharge. The 508-14 rule involves planning for use of this groundwater. The presentation included maps of the several different jurisdictions within the Quincy Basin. Reclamation issues permits for the use of the water, which derives from federal Columbia Basin Project water rights. But it has proven difficult to manage groundwater in the sediments versus the basalts, and for this reason a technical committee participates in the permitting process. One problem that Jamie noted is a three-year limitation on putting permitted water to use, which is problematic given the lead time needed to finance and drill a well. Drilling in the Grande Ronde (the deeper basalt aquifer) is forbidden, but otherwise well depth exemptions in the upper aquifers can be requested. The limitation in the rule on permitted use is 3.5-acre feet per acre. No municipal permits are done under the rule because the three-year limit would make that difficult. In closing Jamie expressed that Ecology's 40 years of experience of working in the Quincy Basin (Including challenges relating to staffing, funding, and the short nature of the rule) will inform elements of the new rule making for the Pasco Basins, which Tom Tebb discussed next.

Tom Tebb, Director of the Office of the Columbia River spoke about the 508-14 process in the Pasco Basin, which has experienced 60 years of accumulating groundwater because of Columbia Basin Project return flows. A particular challenge in the Pasco Basin is that there is no artificially created capture facility (unlike in the Quincy Basin), so it is difficult to determine ownership of groundwater and subsequently how to manage it. The intent is for Reclamation and Ecology to co-manage the basin, as authorized by updated legislation that was passed in 2021. An initial Memorandum of Understanding was entered into between the two agencies in June of 2022 to guide the process of defining future groundwater management. Basin boundaries will be designated, and a study will be performed to quantify the increase in groundwater storage as a result of return flows and to ensure that the groundwater is federal, not state. The U.S. Geological Survey has developed a model of the area which indicated that there is significant groundwater storage. The model is currently being revised and reviewed by both Ecology and BOR and Reclamation. The eventual goals are development of a co-management agreement between the two agencies and issuance of new groundwater rights in the basin.

Small In-Conduit Hydropower: Opportunities and Licensing Considerations

Michael Swiger, Van Ness Feldman, AWRA Lunch Meeting - September 20, 2022

AWRA-WA's September virtual lunch meeting was provided by Mike Swiger, Partner at Van Ness Feldman. Mike has decades of experience in hydropower licensing matters and graciously provided a presentation on the use of water conduits to house small hydroelectric projects. Mike explained the potential power generation opportunities in existing water conveyance systems, including pipes and irrigation canals, and the process for obtaining approval for such projects at the federal level. Such projects are now exempt from the standard Federal Energy Regulatory Commission (FERC) licensing requirements for hydropower projects after passage of the 2013 Hydropower Regulatory Efficiency Act, and the 2018 America's Water Infrastructure Act, which revised the process defined in the 2013 Act. To qualify projects must have generation capacity of less than 40 Megawatts and must be generating electricity using water flow that is already being used for another purpose. Hence there are no additional environmental impacts from adding hydropower generation capacity to the facility. The definition of a conduit is "any tunnel, canal, pipeline, aqueduct, flume, ditch, or similar manmade water conveyance that is operated for the distribution of water for agricultural, municipal, or industrial consumption and not primarily for the generation of electricity." Mike explained that exemptions from the more onerous FERC licensing requirements for small in-conduit projects make these projects a more viable option for entities that otherwise do not generate power. Small in-conduit hydroelectric projects provide an exciting opportunity to use existing water supply infrastructure for clean energy generation.

AWRA Washington State Section Luncheon

Monday, Nov 7, 2022 – 12:00 PM to 1:15 PM |Grand Ballroom 3, Hyatt Regency Lake Washington
Cost: $35 (free for students) – AWRA 2022 National Conference Registration Required

REGISTER HERE BY OCTOBER 26: https://www.waawra.org/event-4997795

Kick off your AWRA 2022 Annual Water Resources Conference by joining AWRA-WA for a Luncheon on Monday, November 7, 2022. This will be one of our first in-person State Section events since early 2020. If you are a member of the Washington State Section, are interested in becoming a member, and want to hear more about our work, you are welcome to attend. We will celebrate our Student Fellowship recipients, announce the 2022 Outstanding Water Resource Professional Awardee, and hear our President, Jenna Mandell-Rice's, State of the Section address. There will also be a raffle!

The Luncheon will be at Hyatt Regency Lake Washington and only open to those who are registered to attend the 2022 AWRA Annual Water Resources Conference (register at www.awra.org)

The cost will cover the lunch and your 2023 Washington State Section membership dues!

*Students registered for the AWRA 2022 Annual Water Resources Conference are free to attend. RSVP separately for the Luncheon by clicking on the student registration link on the event page

Please register no later than October 26, 2022 through the link provided above. While we encourage you to pay online when you register, there will be an opportunity to make the payment (CASH ONLY) at the door before entering the room.

American Water Resources Association, Washington Section

P.O. Box 2102 Seattle,
WA 98111-2102

(Change service requested.)

Special Thanks to Washington Water Trust for word processing support on this newsletter

2023 MEMBERSHIP / CHANGE OF ADDRESS FORM

(↖ please circle, as appropriate ↗)

Annual membership in the state chapter costs $35.

Name_____Position_____Affiliation_____

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NEW MEMBERSHIP OPTION – ADD SUPPORT FOR THE WA-AWRA STUDENT FELLOWSHIP FUND

_____2023 Membership Dues: $35.00 ($5 automatically donated to the WA-AWRA Student Fellowship Fund!)

_____ I am including an additional Donation of $_____ to support the WA-AWRA Student Fellowship Fund

Preferred Method: Pay via Paypal on our website: www.waawra.org

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P.O. Box 2102
Seattle, WA 98111-2102

The American Water Resources Association Washington Section is a scientific and educational 501(3)(3) non-profit organization established to encourage and foster interdisciplinary communication among persons of diverse backgrounds working on any aspect of water resources disciplines. Individuals interested in water resources are encouraged to participate in the activities of the Washington Section. Opinions and views expressed in articles of this newsletter are those of the author, not AWRA-WA.