

President's Notes

John Chandler, Puget Sound Energy, AWRA-WA Section President



Hello AWRA-WA members. There have been significant changes since the Spring issue of the newsletter. It appears that social distancing and virtual interactions are here to stay for a while, along with economic turbulence. The AWRA-WA Board of Directors have been adjusting to the evolving situation.

The Board has been focused on keeping engagement with our members going and grow participation through free meetings. It has been working; we have seen a significant increase in dinner meeting participation since we switched to webinars. Carrie Sessions bravely went first in April for the annual legislative update. In May there was a webinar mixer for students to talk to a panel of professionals in our Ask A Professional session. In June Tom Ring and Silas Sleeper discussed the role of managed aquifer recharge in the Yakima Basin Integrated Plan. Most recently Scott Radford informed the audience about the national green infrastructure certification training program.

Going virtual has allowed more folks who live throughout the state to engage with our meetings. We will likely continue hosting some webinars even after COVID ends to provide access to those can't make it to normal gatherings in person.

Our annual conference is also going virtual for the first time. This year's theme is "The Challenges of Change: How Washington is Responding to Interdisciplinary Changes to Water Resources." We're pleased to announce our keynote is Tony Willardson of the Western States Water Council.

We're providing a full day of content for the early bird price of only \$25! Students get in for free. Our costs for putting on the conference are lower than previous years and we are passing the savings on to the membership. Registration is occurring at a record pace this year. For more details about the conference see page 3.

(President's notes - Continued on page 2)

INSIDE THIS ISSUE

<u>Title</u>	<u>Page</u>
Presidents Notes	1-2
AWRA National - Diversity, Equity & Inclusion Workshop	2
2020 Conference Schedule and Speakers	3-5
Article - Planning for New Permit-Exempt Domestic Water Uses in the Colville River Watershed	6-8
April 2020 Dinner Meeting Recap – The 2020 Legislative Session	9
AWRA-WA Membership Information	10

Support AWRA-WA

Become a 2020 Sponsor!

Basin-Level Sponsors \$1,500

Watershed-Level Sponsors \$1,000

Stream Level Sponsors \$500

Contact: Jessica Kuchan

<kuchan@confluencelaw.com>

Thanks to our 2020 Sponsors!

Basin-Level Sponsors



Watershed-Level Sponsors



Stream Level Sponsors



(President's Notes – Continued from page 1)

A major change is that the Washington Chapter will host the national conference in 2022, not 2021. COVID-related issues pushed the normal schedule back a year. We'll take the opportunity of the extra time for the Washington Section to prepare for an outstanding national meeting in 2022.

This year has been tough financially so I really want to thank our sponsors [see page 1]. Their assistance, along with changes to our budget, will help the Washington Section remain economically sound through this difficult time.

As always, I want to thank our membership for sticking with the AWRA-WA during a wild and calamitous year. If you have any questions or comments for Board please contact me at john.chandler@pse.com. I'm looking forward to seeing all of you at the annual conference and dinner meetings. Until then, I wish you all a safe and happy summer.

AWRA National - Diversity, Equity & Inclusion Workshop with Joe Gerstandt

Raquel Espinosa, Administrative Manager – Washington Water Trust



On July 22 and 29, 2020, AWRA National offered the expertise of Joe Gerstandt leading a workshop on Diversity, Equity, and Inclusion in two parts: Part 1: Inclusion by Design addressed workplace culture, and Part 2: Inclusive Leadership addressed the role of leadership in the workplace. In short, one-hour periods, Mr. Gerstandt adeptly presented the

definitions, impacts, and actionable steps that can be taken in any workforce to create effective outcomes. Citing numerous studies, he presented common workplace and leadership constructs that suck the vital energy out of a creative, vibrant workforce. These were followed with actionable steps, competencies, and commitments to begin transforming ourselves and our work culture. The sessions were brief and impactful, and focused on the question of how we built relationships in a work place with diverse values, representation, and perspectives.

Diversity and performance increase when 1) we acknowledge there are differences in the values and perspectives of our colleagues, 2) we focus on building relationships and healthy disagreement, 3) there is transparency in the structure and policies of the organization, and 4) a safe environment exists such that honesty is rewarded and decisions are guided by values. We all have a role in our workplace and inclusion begins at all levels of our work in each moment. We can choose to be an inspiring force of change for a better, more productive, inclusive work environment. From his [biography page](#), Joe Gerstandt "is a speaker, author, and advisor bringing greater clarity, action, and impact to organizational diversity and inclusion efforts."

2020 AWRA-WA BOARD

EXECUTIVE COMMITTEE

President: **John Chandler**

john.chandler@pse.com

Vice President: **Tom Fitzhugh**

thomas.fitzhugh@stantec.com

Treasurer: **Stephen Thomas**

SDT@shanwil.com

Secretary: **Jenna R. Mandell-Rice**

JRM@vnf.com

Past President: **Rabia Ahmed**

rahmed@greeneconomics.com

BOARD OF DIRECTORS

Director: **Tyson Carlson**

tcarlson@aspectconsulting.com

Director: **Amanda Cronin**

amanda@ampinsights.com

Director: **Felix Kristanovich**

fkristanovich@ramboll.com

Director: **Jessica Kuchan**

kuchan@confluencelaw.com

Jason McCormick

jason@mccormickwater.com

Director: **Greg McLaughlin**

greg@washingtonwatertrust.org

Director: **Stan Miller**

samillerh2o@comcast.net

Director: **Tom Ring**

ringt@yakama.com

Director: **Katherine Ryf**

KRyf@landauinc.com

Director: **Carrie Sessions**

cse461@ECY.WA.GOV

Director: **Jennifer Saltonstall**

jsaltonstall@aesgeo.com

Director: **Patrick Vanderberg**

waawra.webmaster@gmail.com

UW Student Rep: **Sean Wu**

AWRA@u.washington.edu

CWU Student Rep: **Joe Petralia**

UW Faculty Advisor:

Bob Edmonds

bobe@u.washington.edu

CWU Faculty Advisor: **Carey Gazis**

cgazis@geology.cwu.edu

Virtual Dinner Meetings: [Register Here](#)

Watch your emails and visit the [AWRA-WA Dinner Meetings web page](#) for registering and more information on these and other Dinner Meetings.

Now Virtual! 2020 AWRA-WA State Conference – Registration Open: The Challenges of Change: How Washington is Responding to Interdisciplinary Changes to Water Resources

Jenna R. Mandell-Rice

AWRA-WA will hold its 2020 annual state conference on October 6, 2020 via webinar.

Conference Theme: This year’s theme will highlight recent and ongoing changes to water supply and water quality, and the market, technological, regulatory, and legislative responses to those changes. This year’s conference will present interdisciplinary perspectives on and approaches to changes in water resources, including municipal, agricultural, environmental, and energy-related perspectives.

Tony Willardson from the Western States Water Council will present the keynote address, sharing his insights on the role of resiliency in managing water resources.

Session 1 will provide an overview of how Washington water quality, regional water use and demand, and hydrology have changed over time, and the changes that are expected to occur in the future. **Session 2** will focus on how markets are responding to changes in water resources, supply, and quality, and will identify market solutions that can be used to adapt to those changes. This session will feature speakers from municipal, agricultural, hydropower, and environmental perspectives on market solutions. **Session 3** will discuss technological responses and solutions that can be implemented to adapt to changes in water resources, supply, and quality. This session will feature speakers who will discuss technology being implemented in the municipal, agricultural, and fish conservation contexts. **Session 4** will provide a panel discussion on the role of policy, regulations, and legislation in preparing for, adapting, and prompting change in water supply, water quality, and water use.

REGISTER TODAY!

<https://www.waawra.org/event-3828722>.

Register before 9/18 to get our best deal.

Membership Level	Price
Student/Recent Graduate, Eligible Sponsored Attendee	Free
Early Bird Registration (before 9/18)	\$25
Standard Registration (after 9/18)	\$40

Conference Schedule:

Keynote Address: Tony Willardson, Western States Water Council

Session 1: Changes to Water Quality and Water Supply

- Tom Ring, Retired - Hydrogeologist
- Mindy Roberts, Washington Water Council
- Gretchen Greene, Greene Economics

Session 2: Market Solutions and Response to Change

- Richael Young, Mammoth Water
- Greg McLaughlin, Washington Water Trust
- Mitch Kunstel, Seattle City Light
- Doug Quinn, Clark Public Utilities

Session 3: Technological Response and Solutions to Change

- Randy Reber, Round Lake Farm
- Dr. Thomas Quinn, University of Washington
- Armin Munévar, Jacobs
- Tracy Tackett, City of Seattle

Session 4: Policy Responses to Change

- Senator Judy Warnick
- Maia Bellon, Cascadia Law Group
- Brady Kent, Yakama Tribe
- Rachael Paschal Osborn, Center for Environmental Law & Policy
- Arden Thomas, Kittitas County

For more info:

<https://www.waawra.org/event-3828722>

2020 Conference Speakers

Maia Bellon. Maia was appointed the director of the Washington State Department of Ecology in February of 2013 by Governor Jay Inslee. She oversaw ten environmental programs and the Offices of the Columbia River and Chehalis Basin. After serving as the director of the Washington State Department of Ecology, Maia Bellon returned to the practice of law as a Partner at Cascadia Law Group PLLC.

Gretchen Greene. Dr. Gretchen Greene has over 20 years of diverse economics experience in natural resource, energy, agricultural, and community economics. Her areas of focus include: water demand and management, regional economic impact analysis, and habitat and sensitive species economics, among others.

Brady Kent. Brady Kent is an agricultural economist with the Yakama Nation, where he works on Yakima River Basin Water Enhancement Projects for the Wapato Irrigation Project and Yakama Nation Reservation.

Mitch Kunstel. Mitch Kunstel is a Power Marketer for Seattle City Light.

Greg McLaughlin. Greg is a project manager with Washington Water Trust. His instream flow and water resource management projects have culminated in 65 cfs and 9,000 acre-feet of annual flow to fish-critical tributaries throughout Washington State. His work includes water right reviews, connecting project benefits to salmon recovery plan, and shepherding those projects through the Ecology review process.

Armin Munévar. Armin Munévar is a global technologist in water resources at Jacobs. He holds an M.S. in Civil and Environmental Engineering from the University of California, Davis, and a B.S. in Civil and Environmental Engineering from the University of California, Los Angeles.

Rachael Paschal Osborn. Rachael Paschal Osborn is a public interest water lawyer and has provided representation to Indian tribes, environmental organizations, labor unions, and small communities since 1992. Rachael served as co-founder and executive director of the Center for Environmental Law & Policy (1993-1999, 2007-2011), and co-founder and board member of Washington Water Trust (1997-2001), two



organizations dedicated to the protection and restoration of free-flowing waters in Washington state.

Doug Quinn. Mr. Quinn is a registered Professional Engineer and Land Surveyor with experience in municipal services, urban planning, and economic development. Since 2003, he has served as the Director of Water Services for Clark Public Utilities overseeing a 40,000 customer system. At a state level, Mr. Quinn chaired the Washington Water Utility Council; served as Gubernatorial appointee on the K-12 Construction Task Force and Public Works Assistance Account Board. Regionally, he is a chair of the Clark County Water Utility Coordinating Council. Locally, he is a Camas School Board Director, past board Chair of the Battle Ground and Camas/Washougal Chambers of Commerce, and a board member of the Camas Downtown Association.

Dr. Thomas Quinn. Dr. Quinn is a professor at the University of Washington's School of Aquatic and Fishery Sciences. His research addresses a wide variety of topics related to the behavior, ecology, evolution, and conservation of Pacific salmon, trout, and char, and their ecosystems.

Mindy Roberts. Mindy Roberts leads Washington Environmental Council's People for Puget Sound program, where she dedicates time to improving and maintaining the health of our unique ecosystem. Her previous work focused on identifying sources of contamination to Washington's waters – streams, rivers, lakes, and Puget Sound – and designing management plans for the Department of Ecology.

Randy Reber. Round Lake Farms, Kent, Washington.

Tom Ring. Since 1990, Tom Ring has been an expert in the Yakima Basin on groundwater and surface water quantity and quality, water rights, irrigation and fisheries issues and planning for future water needs. Tom is a fixture on important water resource management efforts like the Yakima Integrated Plan.

Tracy Tackett. Tracy Tackett is the Green Stormwater Expansion Infrastructure Initiative (“GSI”) Manager for Seattle Public Utilities. Tracy has over twenty years of drainage and wastewater project experience. She has designed numerous innovative GSI projects, including the country’s first full street retrofit to manage stormwater with bioretention.

Arden Thomas. Arden Thomas is the water resource manager at Kittitas County, where she works to integrate Kittitas County’s groundwater use mitigation program with flood control zone district activities for coordinated and holistic water resource management.

Senator Judy Warnick. Senator Warnick represents the 13th Legislative District of Washington. She currently serves as the Ranking Member on the Senate Agriculture, Water, Natural Resources and Parks Committee and is the Senate Republican Assistant Caucus Chair.

Tony Willardson. Tony Willardson was named as Executive Director of the Western States Water Council in July 2009. Formerly the Deputy Director, he joined the Council in 1979. He holds a BA in political science from Brigham Young University, and a MS in public administration from the University of Utah. The Council has served the

western states since created by western governors in 1965 as a policy advisory body. The WSWC is a government entity representing each and every participating state. It works closely with western governors and numerous interstate organizations, federal and state agencies, tribes, water managers and stakeholders. Tony is the author of numerous articles and reports covering a wide range of water resource issues, including drought management, water project financing and cost sharing, ground water management and recharge, water conservation, water use fees, remote sensing of water use and interregional water transfers. Tony is one of the principal authors of the WGA’s 2006 Report, Water Needs and Strategies for a Sustainable Future and subsequent 2008 Next Steps Report, as well as the related WSWC 2010 Progress Report. He also was a contributor to the WGA’s December 2012 Report, Water Transfers in the West: Projects, Trends, and Leading Practices in Voluntary Water Trading. He oversees publication of a weekly newsletter, Western States Water. Further, he oversees the Council’s Water Data Exchange project which enables states to share data with each other and the public in a more streamlined and cost-effective way.

Richael Young. As co-founder and CEO of Mammoth Water, a public benefit corporation, Richael Young has led the development and implementation of advanced water markets. In addition to being an expert in water markets, Richael has expertise in water science, water valuation, and incentive-based management for surface and groundwater.

For info: <https://www.waawra.org/event-3828722>



Planning for New Permit-Exempt Domestic Water Uses in the Colville River Watershed

Jessica Kuchan, J.D., Confluence Law

On June 25, 2020, the Washington State Department of Ecology adopted the Colville River Watershed Plan Addendum to address the impacts of permit-exempt domestic water uses until 2038. Ecology's decision was the culmination of hundreds of hours of work by residents and local, state and tribal governments to consider projects to offset the impacts of new permit-exempt domestic water uses, in accordance with state law.

The process to develop the Colville River Watershed Plan Addendum began in early 2018, when the Washington State Legislature enacted Engrossed Substitute Senate Bill (ESSB) 6091, directing local watershed planning units to provide recommendations for projects and actions to offset potential impacts from new permit-exempt domestic groundwater uses from 2018 to 2038. ESSB 6091, later codified in part under Chapter 90.94 RCW, directed seven watersheds, including the Colville River Watershed, that had adopted Watershed Plans to “review existing watershed plans to identify the potential impacts of exempt well use, identify evidence-based conservation measures, and identify projects to improve watershed health” RCW 90.94.020(2). The Legislature directed the Nisqually River Watershed and Nooksack River Watershed to complete the review in one year. The Legislature required all others to complete the review by February 1, 2021. The Legislature also directed Ecology to establish a watershed restoration and enhancement committee in eight other watersheds, that “have either not adopted a watershed plan, or adopted a partial watershed plan” to also address the impacts of future permit-exempt domestic uses. Ecology is required to complete the watershed restoration and enhancement plans by June 30, 2021.¹

Citizens and local, state, federal and tribal governments have been working on water resource management issues in the Colville River watershed for decades. In addition to adopting the Watershed Plan in 2007, the local governments and citizens organized entities to facilitate water resource discussions and decisions. The local governments developed the WRIA 59 Watershed

Management Partnership (WMP) by Interlocal Agreement. Additionally, citizens and local, state and federal governments formed the WRIA 59 Water Resources Management Board (Board) and operational agreements, to facilitate consensus-oriented decisions on water resource issues in the Colville River watershed.

In February 2018, Stevens County, the WRIA 59 WMP, and Board (referred to collectively as the “planning unit”) began conducting meetings to address the requirements of Chapter 90.94 RCW. The planning work was funded by a grant from Ecology. The planning unit first considered the potential impacts of permit-exempt domestic well use in the Colville River Watershed from 2018 to 2038. The planning unit then considered evidence-based conservation measures and projects to offset the impacts of the permit-exempt domestic well use from 2018 to 2038.

1. The WRIA 59 planning unit identified the potential impact of new permit-exempt wells from 2018 to 2038

The WRIA 59 planning unit considered the potential number of new permit-exempt domestic uses in the watershed, the consumptive use impacts, as well as the potential aquifer source and location. The planning unit considered the number of new permit-exempt domestic uses by reviewing population data from by the U.S. Census and the Washington State Office of Financial Management (OFM) as well as historic building permit data compiled by Stevens County. The planning unit concluded that the Census and OFM data provided projections on overall growth patterns in the county rather than new uses outside of the cities and public water system service areas. Stevens County's building permit database included information about the source of water allowing the planning unit to evaluate historic growth patterns based on permit-exempt water use. Additionally, the County's database spanned 17 years, which consisted of economic high and low periods. The planning unit determined Stevens County's database was a more representative source of

¹ RCW 90.94.030(2)(a).

data for projecting average growth over the planning period.

In addition to estimating the number of new permit-exempt domestic groundwater wells, the planning unit calculated projected consumptive water use impacts of these wells on a subbasin and watershed scale. The planning unit relied on the Department of Ecology's guidance and policy interpretations to consider the water use needs and consumptive use impacts of permit-exempt domestic uses.² In order to consider the irrigation use of permit-exempt domestic uses, the planning unit conducted a geographic information systems (GIS) aerial imagery analysis to estimate the average lawn size within WRIA 59, and for each subbasin. The planning unit, and its consultants, analyzed the irrigation uses of a statistically significant sample of permit-exempt domestic water uses to develop average irrigated area for each subbasin of the watershed.

The planning unit also reviewed the aquifer source of the properties that were reviewed for irrigation water use. There are three distinct aquifer systems within the WRIA 59 watershed that are utilized as a drinking water source: unconsolidated, lower confined, and bedrock. The data was also synthesized to determine if there was a correlation between irrigation of lawn and the aquifer type being used to supply the water. The analysis showed that the largest average lawn sizes are associated with wells in the lower confined aquifer, and the smallest lawns are associated with wells in the deep bedrock aquifers.³

The planning unit also considered the lands likely to be available for new permit-exempt domestic water uses. The planning unit reviewed a GIS analysis that excluded the lands within WRIA 59 that are publicly owned, within flood zones, identified wetlands, lakes, cities, with steep slopes or have public water system available. The

planning unit found that 72% of the watershed is unlikely to develop.⁴ Most of the areas that are unlikely to develop are in the upper parts of the tributary basins.

The planning unit determined that from 2018 to 2038 there will be an estimated that 1,118 homes, an average of 56 homes per year, relying on permit-exempt domestic water use, constructed throughout the WRIA 59 watershed. From historic building data patterns the planning unit estimated that the subbasins closest to the Cities of Colville, Kettle Falls and Chewelah, and the southern part of the watershed will see the most new permit-exempt domestic uses.⁵ Based on the planning unit's analysis of water needs for domestic purposes and the average irrigated area, the planning unit determined that new permit-exempt domestic water uses may have a consumptive use impact of approximately 434.8 acre-feet in the year 2038.⁶

II. The WRIA 59 planning unit compiled a list of projects to fully offset and provide additional ecological benefit to the Colville River Watershed

After identifying the potential impact of new permit-exempt domestic water uses, the planning unit compiled, reviewed and prioritized projects to offset the impact and provide ecological benefit to the watershed. The planning unit reviewed the previously adopted WRIA 59 Watershed Plan and related planning efforts and sought input from citizens, local, state and federal government entities on potential projects in WRIA 59 to be considered to offset new permit-exempt domestic water uses. The initial list of 48 projects included water right acquisitions, aquifer recharge, water storage, habitat improvement projects, and landowner stewardship projects.

The planning unit focused on four main considerations to prioritize projects. First, the

² Washington Department of Ecology, ESSB 6091 – Streamflow Restoration, Initial Policy Interpretations, Publication 18-11-008 (March 20, 2018); Washington Department of Ecology, ESSB 6091 – Streamflow Restoration, Recommendation for Water Use Estimates, Publication 18-11-007 (March 20, 2018), as later amended on June 20, 2018; Washington Department of Ecology Water Resources Program Policy and Interpretative Statement, Streamflow Restoration Policy and Interpretive Statement, POL-2094 (July 31, 2019).

³ WRIA 59 Watershed Plan Addendum, pg. 21, see also Table 5 and Figure 8 on page 23, available online at: <https://apps.wa.ecology.gov/docs/WaterRights/wrwebpdf/wria59/WRIA59WatershedPlanAddendum.pdf>

⁴ WRIA 59 Watershed Plan Addendum, pg. 8; Figure 4 on page 14.

⁵ WRIA 59 Watershed Plan Addendum, pg. 26.

⁶ WRIA 59 Watershed Plan Addendum, pg. 26.

planning unit considered the location of the project, specifically its location in a subbasin relative to the number of potential new permit-exempt domestic water uses. Second, the planning unit considered the type of project noting that projects that could provide direct water offsets would have higher water resource impacts. Third, the planning unit considered the certainty of success of the project, including if there had been any preliminary planning and potential risks. Fourth, the planning unit considered the cost effectiveness of a project, considering the cost relative to the amount of offset or ecological enhancement that could be provided assuming full implementation.

The planning unit considered each of the 48 proposed projects in open public meetings. The planning unit collaboratively discussed the projects and voted on each project to being removed from consideration or identified as high or medium priority. Ultimately, the planning unit identified 16 projects in the Addendum that include water right acquisitions, water storage and habitat projects throughout the watershed.⁷ One of the projects, a water right acquisition project to offset 451 acre-

feet of consumptively used water, received Streamflow Restoration Grant funding prior to finalization of the Addendum. The planning unit stated that the projects identified in the Addendum, after accounting for new projected permit-exempt domestic water uses, would provide a net ecological benefit to the Colville River Watershed.

On November 14, 2019, the WRIA 59 Water Resource Management Board and WRIA 59 Watershed Management Partnership unanimously voted to approve the Addendum. On December 16, 2020, the Stevens County Board of County Commissioners voted to approve the Addendum and submitted it to Ecology for its review. On June 25, 2020, Ecology adopted the WRIA 59 Watershed Plan Addendum and found that it met the requirements of RCW 90.94.020 to fully offset the consumptive use impacts of the new permit-exempt domestic uses and provide additional ecological benefits to the watershed. Ecology found that “[t]he plan will bolster streams by acquiring water rights and establishing high-priority habitat projects that are supported by local communities.”⁸



THE AWRA NATIONAL CONFERENCE IS COMING TO WASHINGTON IN 2022!!!

⁷ WRIA 59 Watershed Plan Addendum, Figure 10, pg. 35.

⁸ Washington Department of Ecology, State adopts updated Colville River watershed plan (June 30, 2020),

available at: <https://ecology.wa.gov/About-us/Get-to-know-us/News/2020/June-30-WRIA-59-Colville-Streamflow-Plan>

AWRA-WA Seattle April 2020 Dinner Meeting Summary: The 2020 Legislative Session

Featuring Carrie Sessions, Washington State Department of Ecology

Reviewed by Tom FitzHugh, Water Resources Scientist, Stantec Consulting

AWRA-WA's April dinner meeting featured Carrie Sessions of the Washington Department of Ecology, who described water resources-related legislative activity during the spring Legislative Session. The topics covered were bills that passed, bills that were



introduced but did not pass, and Ecology's implementation authorities. The three bills that passed concerned drought preparedness and response, low-water landscaping, and pumped storage. In addition, a budget proviso was passed that directed Ecology to convene an Advisory Group on Water Trust, Banking, and Transfers. Eleven bills were also discussed that did not pass. The remainder of this article will summarize the passed bills and the aforementioned advisory group.

The legislature on drought preparedness and response (ESHB 1622) has three main purposes. First, it streamlines the State response to drought emergencies, by cleaning up some existing statutes. Second, it builds resiliency among water users before droughts occur, by allowing Ecology to fund projects prior to a drought being declared, and beyond the end of a drought declaration. These projects would be designed to build drought preparedness. And third, it allows Ecology to

declare a drought advisory to give water users advance warning about the possibility of a drought prior to an actual drought declaration. One aspect of the legislature that is being implemented immediately is a pilot project on long-term water right leases that could be operated as drought contingency plans (i.e. Ecology has the option to exercise them during a drought). Ecology is planning to enter into such leases on a pilot basis in one or two basins, and then will report back to the Legislature on their effectiveness in December 2024.

The bill on low water landscaping (HB 1165) prevents home owner's associations from fining property owners for not watering or using low water landscaping during a drought, and also encourages public buildings to qualify for national water efficient landscaping ratings. The bill on pumped storage projects (for generating electricity) on the Columbia river (EHB 2819) declares these projects as projects of statewide significance, which means that they can get expedited processing of state permits. Lastly the Advisory Group on Water Trust, Banking, and Transfers has three purposes: (1) inform Ecology's findings and recommendations to the Legislature on this topic; (2) convene discussion to enhance understanding among entities on priorities, concerns, and potential solutions, and (3) increased the shared understanding of trust water, banking, and transfers in Washington.

What this State Section is All About!

The Washington State Chapter of the AWRA fosters educational and professional development. **Student support** is provided in the form of two annual student fellowships, sponsorship of two student chapters (University of Washington and Central Washington University), underwriting of a special meeting in the late spring hosted by the student chapter, and other subsidies. **Interorganizational support** is fostered with local, interstate, national, and international organizations. A **newsletter** is published several times per year containing in-depth analysis and editorials on current issues. Several **dinner meetings** are held throughout the year providing good food and good company followed by a presentation by featured guests. **Brownbags** are organized on special issues as they arise. The annual climax is the **Annual Section Fall Conference**; the next one will be held this Fall, 2020. The Conference is the principal funding vehicle for many Section activities, including providing financial support to the Section's Student Fellowship program. A **dedicated board** meets regularly to plan, organize and facilitate events. If you wish to learn more about your Section and/or wish to participate more in Section activities, you will be warmly welcomed. Please contact any of the board members listed on Page 2.

American Water Resources Association, Washington Section
P.O. Box 2102
Seattle, WA 98111-2102

(Change service requested.)

Special Thanks to Washington Water Trust and Associated Earth Sciences, Inc. for word processing support on this newsletter.

2020 Membership / Change of Address Form

(⤵ please circle, as appropriate ⤴)

Annual membership in the state chapter costs \$35.

Name _____ Position _____ Affiliation _____

Street Address _____ City _____ State _____ Zip _____

Phone (_____) _____ Fax (_____) _____ E-mail _____ @ _____

Please check this box to indicate if you prefer to receive your newsletter electronically.

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

_____ 2020 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

For Checks: please make payable to AWRA Washington Section.

Mail to: American Water Resources Association Washington Section

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.