



Currents

May 2017

Water for 2060 Produced Water Working Group



Governor Mary Fallin announced the formation of the Water for 2060 Produced Water Working Group (PWWG) in December 2015 at the Governor’s Water Conference and Research Symposium. The PWWG is led by the Oklahoma Water Resources Board and is made up of 17 expert members from across the state, including Oklahoma Water Resources Center-affiliated faculty member, Dr. David Lampert. The PWWG was assembled as a non-regulatory group created to focus on potential regulatory, technical, and economic issues related to produced water reuse or recycling in Oklahoma. The PWWG has met five times from early 2016 to March 2017, and has prepared a final study report concerning produced water reuse and recycling in Oklahoma, facilitated by Michael Dunkel of CH2M ... [Read the full article at water.okstate.edu.](http://water.okstate.edu)

Preparing for Oklahoma’s Future: Estimating Groundwater Recharge Rates

A doctoral student at Oklahoma State University, recently published her research on estimating potential groundwater recharge rates statewide.

Briana Wyatt, a doctoral student studying soil science, spent the last two years studying soil moisture data from the Oklahoma Mesonet and using that data to estimate statewide annual and long-term average groundwater recharge rates.

The Oklahoma Mesonet is a network of 121 environmental monitoring stations across the state with at least one station in each county. This network provides researchers access to statewide environmental data. While most groundwater research is conducted on a single aquifer spanning few years, through the use of the Mesonet, Wyatt’s research allows long-term potential recharge estimates to be made for aquifers across the entire state.

[Read the full article at water.okstate.edu.](http://water.okstate.edu)



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Student Section

We are pleased to announce the following students were selected to the 2017 National Science Foundation Research Experiences for Undergraduates program. Congratulations!

- **Madison Bowe**, Susquehanna University
- **Danielle Czekai**, Chestnut Hill College
- **Kevin Helenurm**, Whitman College
- **Margaret Johnson**, Oberlin College
- **George Valentine**, Middlebury College
- **Katherine Wardinski**, University of Wisconsin-Platteville
- **Dani Winter** - North Carolina State University



Read more about the NSF-REU program focused on stream restoration/rehabilitation at <http://water.okstate.edu/students/nsf-reu/2017-reu>.

Opportunities

Funding

- **Bureau of Reclamation:** WaterSMART (due 5/16/17)
- **NIFA:** Aquaculture Research (due 5/17/17)
- **NIFA:** Water for Food Production (due 5/17/17)
- **US Fish and Wildlife Service:** Partners for Fish and Wildlife (due 9/30/17)
- [\[more info\]](#)

Events

- Decision Support System for Agrotechnology Transfer(Griffin Campus of UGA; 5/15-20)
- 5th International Agricultural Science and Food Engineering Conference (Hangzhou, China; 5/18-20)
- American Public Works Association / OK Water Environment Association conference (OK City; 5/22-24)
- New Mexico Evapotranspiration Conference (Las Cruces; 6/6-7)
- EMBERS Summer Workshop (El Paso; 6/8-16)
- International Water Association Conference: Water Reclamation and Reuse (Long Beach, CA; 7/23-27)
- 32nd Annual WaterReuse Symposium (Phoenix, AZ; 9/10-13)
- [\[more info\]](#)

Employment

- **OSU Food and Agricultural Products Center:** Research Assistant
- **OSU Grass Breeding and Genetics Research Program:** Research Assistant
- **Idaho Water Resources Research Institute:** Director
- **METER:** Product Development Scientist
- [\[more info\]](#)

Other Resources

- Scores of new journal publications have been posted to our [Publications page](#).
- New videos are added on our [Videos page](#), including:
 - ◇ Dr. Dwayne Elmore discusses problem plants (*Oklahoma Gardening*)
 - ◇ Emerging Challenges in Produced Water Management by Dr. David Lampert (Additional materials are on our [Presentations page](#).)
 - ◇ Kul Khand: One of Our First Funded Students (by Emily Woodruff)
- Dr. Saleh Taghvaeian's Interview (by Brittany Richards) is available at <https://www.youtube.com/OkstateWaterCenter>

EPA Office of Water: Feedback on Reducing Regulatory Burden

Consistent with Executive Order 13777, EPA is seeking public input on existing regulations that could be repealed, replaced or modified to make them less burdensome.

EPA will be accepting written public comments through **May 15, 2017**, at docket EPA-HQ-OA-2017-0190. [\[Learn more at https://www.epa.gov/aboutepa/office-water-feedback-reducing-regulatory-burden.\]](https://www.epa.gov/aboutepa/office-water-feedback-reducing-regulatory-burden)



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