



Currents

July 2017

Dr. Kevin Wagner Named Director of Oklahoma Water Resources Center



Dr. Kevin Wagner will join the Oklahoma State University family on July 31 after being selected as the Director of the Oklahoma Water Resources Center.

He will provide vision and leadership for water-related research, Extension and educational programs. This includes pursuing innovative work and grant opportunities for faculty from 11 academic departments across the university, including all nine departments within DASNR, and Extension experts throughout the state.

Dr. Wagner formerly served as deputy director of engagement at the Texas Water Resources Institute.

July: Smart Irrigation Month

Dr. Justin Moss, associate professor in Oklahoma State University's Department of Horticulture and Landscape Architecture, said July is the peak month for irrigation water use in Oklahoma.

"Because water is a vital resource, it must be managed smartly," Moss said. "By using appropriate irrigation technologies and combining them with the best management practices, Oklahomans can reduce water usage while still maintaining beautiful and healthy lawns, landscapes and sports fields."



Photo courtesy of okc.gov

So, what are best management practices? Here's a few:

- *fix or replace broken sprinkler heads right away*
- *check the water pressure--misting wastes water*
- *check for leaks--soggy areas? unusually large water bill?*
- *realign sprinkler heads so hardscapes are not watered*
- *install drip irrigation for gardens, trees and shrubs*
- *install a rain sensor*
- *install a "smart" water controller or manually check your soil moisture and adjust your irrigation schedule accordingly*

In short, adjusting the irrigation schedule based on soil moisture, plant need, evapotranspiration, season, and weather will make for a healthier landscape and conserve water. Now, don't you look smart?

Excerpts taken from <http://water.okstate.edu/news-events/news/celebrate-2018smart-irrigation-month2019-with-good-management-practices/?searchterm=july%20irrigation>.

Student Section



Request for Pre-Proposals in Water Research

The Oklahoma Water Resources Center invites pre-proposals for water research projects from any Oklahoma research university through the USGS 104(b) grants program.

1-page pre-proposals due by noon on July 17, 2017

More at <http://water.okstate.edu/researchers/funding>.



OCT 31 - NOV 1, 2017
OKLAHOMA GOVERNOR'S WATER CONFERENCE & RESEARCH SYMPOSIUM
EMBASSY SUITES IN NORMAN

The Call for Papers and Posters will be released soon!

More at <http://water.okstate.edu/activities/symposium>.

Opportunities

Funding

- **USGA:** Turfgrass and Environmental Research (due 7/1/17)
- **US Golf Association:** Turfgrass and Environmental Research (due 7/1/17)
- **DOI/USGS:** Cooperative Ecosystem Studies Unit, Great Plains CESU (due 7/7/17)
- **DOS-IND:** Conclave on Assessing Inter-State Water Usage in North India (due 7/11/17)
- **Oklahoma Competitive Research Grants** -- USGS 104(b) (due 7/17)
- **US Fish and Wildlife Service:** Partners for Fish and Wildlife (due 9/30/17)
- [\[more info\]](#)

Events

- **Clean Water Processing Technology Research and Development Workshop** (Dallas, TX; 7/10-11)
- **Arkansas Water Resources Center Annual Conference** (Fayetteville, AR; 7/25-26)
- **International Water Association Conf.: Water Reclamation and Reuse** (Long Beach, CA; 7/23-27)
- **Current Challenges in Floriculture Conference** (Wes Watkins Center, Stillwater, OK; 8/3)
- **Water Research Advisory Board** (OSU SU; 8/11)
- **32nd Annual WaterReuse Symposium** (Phoenix, AZ; 9/10-13)
- **2017 Sustainability Conference** (Oka' Institute, East Central University; 10/10-11)
- **Oklahoma Governor's Water Conference & Research Symposium** (Norman; 10/31-11/1)
- [\[more info\]](#)

Employment

- DOI Hydrologic Technicians (Tulsa and Oklahoma City; closes Tuesday 7/11/2017)
- Agricultural Research Service technician (El Reno)
- **Senior Agriculturalist** (PaSS; opens 6/1, til filled)
- **Virginia Tech:** Assistant/Associate/Full Professor
- **OSU Horticulture and Landscape Architecture:** Extension Associate
- **Minnesota Water Resources Center:** Associate Director
- **Oklahoma State University:** Research Assistant
- **Idaho Water Resources Research Institute:** Director
- [\[more info\]](#)

Resources are Available to Help before, during, and after a Flood

This spring has brought us an abundance of rainfall.

Given how recent it was that most of the state was in dire drought conditions, it seems wrong to complain about rainfall, but at some point it can become detrimental or even dangerous.

For those of you dealing with flooding or living in flood-prone areas, know there are resources to help you stay safe and prepared before, during, and after floods at <http://water.okstate.edu/strengths/weather/flooding>.



A Stillwater road becomes impassable after being flooded with several feet of water.

Homeowner's Guide to Septic Systems

Dr. Sergio Abit explains the different types of septic systems that are on display at the Oklahoma Onsite Wastewater Treatment Training Facility, and tells us which one is best suited to different locales, soil types, and yard sizes.

He covers good maintenance practices, plus some no-no's to keep the system running smoothly. Because you do not want problems with your septic system!

This is the first video in a series on Water Reclamation that is still in production. [\[Link to the video here.\]](#)



Dr. Sergio Abit introduces us to a training facility for septic system installers and homeowners.

Oklahoma Water Resources Center

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