



# Currents

January/February 2017

## Moss Eager to Continue Growth of Oklahoma Water Resources Center



“Dr. Fox did a great job in his two-plus years as director of the Water Center,” Moss said. “He pursued the objectives of the Water Center and has left in it a great place for Oklahoma. I’m going to do my best to continue down this path and really put an emphasis on creating a greater public understanding of what the Oklahoma Water Resources Center does.”

“Dr. Moss has had a very productive research and Extension record and has been innovative in addressing water conservation needs in landscape and turf management. He has been a close collaborator in the Oklahoma Water Resource Center,” said Tom Coon, OSU vice president of agricultural programs. “His breadth of experience has prepared him well for this important interim leadership role.”

[\[Read the full article here.\]](#)

## USGS 104(b) OK Competitive Research Grant Recipients Selected for PY2017

For PY2017 projects we invited proposals for water research projects from any faculty member or student at any institute of higher education in Oklahoma. Below are the PIs and projects our Advisory Board selected for funding this year. Read more about the process and the projects at <http://water.okstate.edu/library/reports/project-reports>.

### Faculty Researchers:

- Ronald Bonett and Alexander Hess: Utilizing native isopods to assess the connectivity and quality of Oklahoma groundwater
- Ron Miller, Lucie Guertault, and Chris Stoner: Quantifying sedimentation in upstream flood control reservoirs across Oklahoma

### Student Researchers:

- Kul Bikram Khand (with Dr. Saleh Taghvaeian): The Impact of Drought on Vegetation Water Use in Different Climatic Divisions across Oklahoma
- Karthik Ramaswamy (with Dr. Art Stoecker): Economics of Groundwater Interaction and Competing Crops
- Briana M. Wyatt (with Drs. Tyson Ochsner and Chris Zou): Modeling soil moisture under various land cover types: using long-term grassland monitoring data to estimate soil moisture in Oklahoma forests

## Opportunities

### Just for Students

#### [NSF-Research Experience for Undergraduates](#)

(Stillwater, OK and Raleigh, NC; May 30-August 4; applications due 2/15)



**[2017 Student Water Conference](#)**  
sponsored by the  
**[Oklahoma Water Resources Center](#)**  
(Stillwater, OK; 3/23-24; student abstracts due 2/24; more info [here](#))

## Opportunities

### Funding

- **2017 USGS 104(g) National Grant Program RFP** (due 2/15/2017)
- **NSF/USDA:** Innovations at the Nexus of Food, Energy, Water (due 3/6/17)
- **US Fish and Wildlife Service:** Partners for Fish and Wildlife (due 9/30/17)
- [\[more info\]](#)

### Events

- Southern Div. of the American Fisheries Society Annual Meeting (OKC; 2/2-5)
- 2017 Underground Injection Control Conference (Austin, TX: 2/21-23)
- Oklahoma Natural Resources Conference (Tulsa; 2/22-24)
- Oklahoma Irrigation Conference (Altus; 3/1)
- 2017 No-till Oklahoma Conference (Shawnee; 3/7-8)
- **2017 World Water Day Celebration at OSU** (AGH 009; Botanic Gardens; 3/22)
- **2017 Student Water Conference:** sponsored by the **Oklahoma Water Resources Center** (Stillwater, OK; 3/23-24; student abstracts due 2/24)
- American Public Works Association Oklahoma chapter / Oklahoma Water Environment Association conference (OK City; May 22-24)
- OCLWA Conference (Stillwater; 4/5-6)
- [\[more info\]](#)

### Employment

- **OSU: Oklahoma Water Resources Center** director position
- USU: Utah Water Research Laboratory at Utah State University (3 faculty positions)
- University of Oklahoma, South Central Climate Science Center: Program Coordinator
- University of Minnesota: Assistant Professor positions
- University of Oklahoma, South Central Climate Science Center: Undergraduate Summer Internship for Underrepresented Minorities (due 3/17)
- [\[more info\]](#)

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## Other Resources

- New reports available on our [Projects page](#):
  - ◇ *The Oklahoma Onsite Wastewater Treatment Professional Education Program*
  - ◇ *Irrigation Management and Optimization*
- *Flowback and Produced Waters: Opportunities and Challenges for Innovation:* Proceedings of a Workshop. 2016. The National Academies Press. 120 pp. at <http://water.okstate.edu/strengths/industry/energy-development>
- New Extension fact sheets are available on our [Fact Sheets page](#).
  - ◇ **CR-2173** *Economic Viability of Grain Sorghum and Corn as a Function of Irrigation Capacity*
  - ◇ **NREM-9214** *Midges, Mosquitoes and Ponds*
- New videos are posted on our [Videos page](#).
  - ◇ Possible New Uses for Wastewater
  - ◇ National Weather Center - Mesonet Weather System
- Several new publications have been added to our [Publications page](#).

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## Meet Our Experts!

We have updated our expert booklet for 2017 to include new OSU faculty members whom you may not have met yet. All of our experts are actively working on projects specifically dealing with water issues important to Oklahoma. Meet our experts at <http://water.okstate.edu/contact-us/faculty-members>.



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### Oklahoma Water Resources Center

Oklahoma State University | 139 Agricultural Hall | Stillwater, OK  
<http://water.okstate.edu> | 405.744.5615 | [water@okstate.edu](mailto:water@okstate.edu)

