W4190 Annual 2021 Meeting

Coeur d’Alene, Idaho

October 14-15, 2021

2021 Officers: Chair, Travis Warziniack

 Vice-Chair, Steven Buck

 Secretary, Lucia Levers

Administrative Advisor: Glenda Humiston

NIFA Reps: James Dobrowolski

State reports were prepared in advance of the meeting. Details were e-mailed out by Lucia Levers. Attendees (in-person or virtual) and State Agency Reports completed for *Arkansas (Kent Kovacs), California (Ariel Dinar, Mehdi Nemati, Lucia Levers), Colorado (Mark Eiswerth, Chris Goemans, Jordan Suter, Stephen Kroll), Florida (Ray Huffaker), Georgia (Jeff Mullen), Idaho (Alex Maas, Garth Taylor), Indiana (Margaret Gitau), Illinois (Rabin Bhattarai, Prasanta Kalita), Kansas (Nathan Hendricks, Gabriel Sampson), Kentucky (Steven Buck), Louisiana (Krishna Paudel), Michigan (Jeremiah Asher, Najadhashemi, O’Neil, Wolfson, Ghane), Minnesota (Jeffrey Peterson), Mississippi (Nicolas Quintana), Missouri (Laura McCann), Nebraska (Nick Brozovic, Karina Schoengold) New Jersey (Jean Marie Hartman, Karen O’Neill), North Carolina (Eric Edwards), Oklahoma (Dayton Lambert), Rhode Island (Todd Guilfoos), South Carolina (Mani Rouhi Rad), U.S. Forest Service (Travis Warziniack), and Wyoming (Kristi Hansen).*

**Thursday, October 14**

9:00 - 9:50 am Role Call and Introductions

9:15 – 9:50 am Review of Minutes from last year, Project Scope, Goals

10:00-11:00 am Speaker presentations

* Jonas Epstein: Conservation Finance for Landscape-Scale Management\
* Micah Cameron-Harp: Rebound effect or dynamic adaptation? How efficient irrigation technology can reduce groundwater extraction
* Lucy Levers, Sustainable Agricultural Water Systems Research

11:00 am – noon

* Working group: The Infrastructure Bill & W-4190 Objective 3. Evaluate and compare integrated management of water sources and land use practices

1:00 – 1:30 pm Q&A with Glenda Humiston, W4190 Administrative Advisor

1:30 - 2:10 pm John Abatzoglou: Running Dry? Current and future droughts in the western US

2:30 – 3:30 pm Speaker presentations

* Mani Rad: Subsidies vs. subsidies in the conservation of common property groundwater resources
* Steve Buck: Fixed or Mixed? Effect of Salinity on Agricultural Land-use; Non-market Valuation of Soil Health & Sustainability Practices Among Kentucky Crop Producers Using Cover Crops and Winter Wheat Rotations

**Friday. October 15**

7:30 Breakfast & Western Water Network working group

9:00-9:50 Speaker panel. The role of extension and research in water resources.

This panel will discuss the role of extension in addressing the water needs in the West. Speakers will offer their perspective on the role extension currently plays and what the future of extension might be. They will talk about how extension and research intersect to bring about better management of water resources in the face of increasing scarcity.

Speakers:

Jim Ekins, Ph.D., Area Water Educator, U-Idaho Extension.

Patrick Hatzenbuehler, Ph.D.

R. Garth Taylor Ph.D.

10:00-11:00 Speaker Presentations

* Eric Edwards and Leslie Sanchez: The Long-term Outcomes of Restoring Indigenous Property Rights to Water
* Chris Goemans: An Analysis of the Impact of Drought on Agriculture, Local Economies, Public Health, and Crime Across the Western United States
* Ariel Dinar: Institutions, Policies and the Economic Efficiency of Managed Aquifer Recharge as a Mitigation Strategy Against Drought Impacts on Irrigated Agriculture in California

11:15 – 11:30 am Business meeting: Elected Nicolas Quintana-Ashwell (Assistant Research Professor, Mississippi State University) as next Secretary of W4190.

11:30 am Adjourn

W4190 Annual 2020 Meeting (Virtual)

October 15-16, 2020

2020 Officers: Chair, Alex Maas

 Vice-Chair, Travis Warziniack

 Secretary, Steven Buck

Administrative Advisor: Glenda Humiston

NIFA Reps: James Dobrowolski

State reports were prepared in advance of the meeting. Details were e-mailed out by Steven Buck. Attendees and State Reports for: *Arkansas (Kent Kovacs), California (Ariel Dinar, Paolo D’Odorico, Doug Parker), Colorado (Mark Eiswerth, Chris Goemans, Jordan Suter), Florida (Huffaker), Georgia (Jeff Mullen), Idaho (Alex Maas, Garth Taylor), Indiana (Margaret Gitau), Illinois (Bhattarai), Kansas (Nathan Hendricks, Gabriel Sampson), Kentucky (Steven Buck), Louisiana (Krishna Paudel), Michigan (Jeremiah Asher), Minnesota (Lucia Levers, Jeffrey Peterson), Mississippi (Nicolas Quintana), Missouri (Laura McCann), Nebraska (Karina Schoengold), New Jersey (Hartman, Karen O’Neill), New Mexico (Greg Torell), North Carolina (Eric Edwards, Harrison Fell), Oklahoma (Ali Mirchi), Rhode Island, South Carolina (Mani Rouhi Rad), U.S. Forest Service (Travis Warziniack), USDA (Marcel Aillery, Dannele Peck, Steven Wallander), Utah (Anastasia Thayer), Washington (Jonathan Yoder), and Wyoming (Kristi Hansen).*

**Thursday, October 15**

8:00-8:30 am Role Call and Introductions

8:30-8:45 am Review of Minutes, Project Scope, Goals

9:00-9:45 am State/Agency Reports *(completed in alphabetical order from list above)*

10:00-11:00 am State/Agency Reports

12:00 -1:00 pm Guest Speaker: Amy Verbeten, Executive Director of Friends of the Teton River

1:15 - 2:30 pm State/Agency Reports

**Friday, October 16**

8:00 - 8:45 am Aaron Hrozencik, ERS, Irrigation and Water Use Survey Update

9:00 – 9:45 am State/Agency Reports

9:45 – 10:00 am Discussion of 2021, selection of Secretary for next year – Lucia Levers, Water Resources Institute, University of Minnesota

10:00-11:00 am Keynote Speaker: Wesley Hipke: Idaho Water Resources Board, Recharge Program Manager. History and State of the East Snake Plain Aquifer.

11:00 am Adjourn