



December 2021

SNR MONTHLY READER



“Conservation is a state of harmony between humanity and the land.”
(adapted from Aldo Leopold)

DIRECTOR MARKET – SNR ACTIONS

The first few weeks of December were quite busy for SNR. In addition to finals and grading, we moved forward with interviews. Like many of you, I met with candidates for our open positions in Fisheries Science (tenure track) and Soil Science (instructor). I also participated in interviews with candidates for the Preparing Future Faculty – Faculty Diversity (PFFFD) Postdoctoral Program. Each of these individuals brought high-quality credentials *and* a wealth of enthusiasm to the interview experience, and I am confident that we will find the best fit to continue our SNR tradition of excellence in both research and teaching. Beyond our School, I have been engaged also in three additional searches for the Directors of the Research, Extension, and Educational Centers in the Northern, Central, and Southwest Regions of Missouri.



On December 2, I went with our SNR Alumni President Greg Snellen to a meeting of our Fisheries and Aquatics Sciences Society; Dr. Craig Paukert spoke to the group on various aspects of graduate school. I also attended our winter graduation on December 18, 2021, where we congratulated 11 new graduates in Parks, Recreation, and Sport, 8 new graduates in Environmental Science, and 6 new graduates in Natural Resource Science and Management, for a total of 25 new SNR alumni.

During December 14-15, I co-led an IDEAS Lab to pursue National Science Foundation funding for an “Artificial Intelligence Institute on Climate-Smart Ag and Forestry.” If successful, our School will be able to secure a significant portion of \$20M over 5 years. A number of SNR faculty were present, and our pre-proposal continues to take shape.

Lastly, I had the opportunity to attend the SNR Holiday Carnival on the afternoon of December 15. What a great opportunity it was to slow down, and enjoy a few minutes of fellowship and food with colleagues and friends of the School. My thanks to all who were able to attend, and especially to those few who organized the event.

I wish you all a joyous and happy holiday season.

PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS

Bob Kremer was an invited speaker at the 5th Biostimulants World Congress in Hollywood, Florida. He presented “A Brassinosteroid-based Biostimulant Integrated with an Innovative Crop System Improves Maize Productivity”. Co-authors on the paper included Tim Reinbott, Paul Syltie, Manjula Nathan, and LeRoy Deichman.

Interdisciplinary Natural Resources Group (INRG) is an open group for graduate students and faculty with the objective of building community, engaging in current natural resources issues, and discussing emerging research across a broad range of natural resources sub-disciplines. The group is organized by PhD students **Andria Caruthers**, **Angel Colón-Santiago**, and **Kendra Esparza-Harris**, supported through a NIFA Fellowship program. Activities for the group kicked off in Fall 2021, with multiple successful events:

The group organized a visit to the Land of the Osages Research Center (LORC) to learn about activities at the site and discuss integrating traditional ecological knowledge into natural resource conservation. The group thanks Dr. Dusty Walter and **Hannah Hemmelgarn** (right photo) for leading the tour and discussion!



The group hosted Dr. Jeffrey Dukes (left photo) from Purdue University to spend a day at Mizzou, interacting with faculty and students and delivering a seminar entitled “Understanding and managing ecosystems in a time of rapid environmental change” for SNR. The group is looking forward to getting back together in Spring 2022!! (Submitted by **Ben Knapp**.)

Burr, AK, **Hall, DM**, Schaeg, N. 2021. Wildness and wild spaces in residential yards: Changing neighborhood norms to support pollinator populations. *Sustainability*, 13(22):12861, <https://doi.org/10.3390/su132212861>

Hall, D. The Ohio State University, Pollinators in the City Speaker Series. “Policy Dimensions of Insect Pollinator Conservation” Dec 3, 2021. <https://u.osu.edu/certify/pollinators-in-the-city-speaker-series/>

THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

BEE LAB
Pollinators in the City Speaker Series
November 29 – December 3 @ 10AM EASTERN

Reed Johnson The Ohio State University	Gerardo Camilo St. Louis University	Mary Gardiner The Ohio State University	Scott MacIvor University of Toronto	Damon Hall University of Missouri

EVENTS/MEETINGS/ANNOUNCEMENTS



Missouri Natural Resources Conference

February 1-3, 2022

“Contagious Conservation”

<https://mnrc.org>

Christina Crowe (BS – SEAS – 2007) was elected President Elect by one of our two major professional societies, the National Weather Association. This means she will serve in that role for 2022 and then serve as President of the NWA in 2023. She follows in the footsteps of **Dr. Market** who was also her research mentor for undergrad research. (Submitted by **Tony Lupo**.)

**NWA 2022
Election Results**

President-Elect/Board Director

Christina Crowe

Board Directors 2022 - 2024

Jared Allen Sam Ng Kim Runk Melissa Sizemore

Thank you to all voters and candidates!



Center for Agroforestry
University of Missouri



Food, Fire, & Agroforestry for the Future: Ecological Knowledges for Climate Resilience

.....
THURSDAY, JANUARY 20TH 10AM - 4PM CST

REGISTER HERE

During the 2022 Agroforestry Symposium, we bring attention to the ways that intercultural perspectives, knowledges, practices, and pedagogy in land-based sciences are essential as we collectively face current climate realities. The event is free and open to the public.

Participants are encouraged to share about their work relevant to this year's theme with a visual poster or exhibit. The deadline for community forum file submissions is January 10th.

AGENDA ITEMS ARE LISTED IN CENTRAL STANDARD TIME

10:00am - 11:00am Morning Keynote: Dr. P.K. Ramachandran Nair

Distinguished Prof. Emeritus, Univ. of Florida Agroforestry & International Forestry

11:00am - 12:30pm Panel: Place-Based Education for Climate Resilient Futures

Dr. Jann Hayman, Osage Nation Dept. of Natural Resources Director

Lil Milagro Henriquez, Mycelium Youth Network Founder & Executive Director

Melinda Adams, Univ. of California, Davis Native American Studies Scholar

12:30pm - 1:00pm Response, Reflection, and Networking

1:00pm - 2:00pm Afternoon Keynote: Dr. Daniel Wildcat

Haskell Indian Nations University Prof. of Indigenous & American Indian Studies

2:00pm - 3:00pm Community Forum breakout rooms & book giveaways

3:00pm - 4:00pm Cultural Fire & Agroforestry: Dr. Frank Kanawha Lake

US Forest Service Fire & Fuels Program Research Ecologist

Inhabitants: Indigenous Perspectives on Restoring Our World film screening (online)

.....
For more information about the 2022 Agroforestry Symposium, visit

<https://centerforagroforestry.org/annual-symposium/>

SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS



PRST 3400 – Sport and Recreation Marketing class – partnered with the Norm Stewart Classic. What a 50ish hours... a job well done to the PRST 3400! They prepared with theory and research. They created scripts, marketing, entertainment, social media, said ‘yes’ to tasks without complaint or question. Thank you to the [Norm Stewart Classic](#) for providing us this opportunity. This is what sets us apart from other programs! Same time, same place next year! Bring on the sleeping bags and pillows! Top left: Students ensured everyone had the correct credentials for access. Top right: PRS Student Volunteers taking a break to enjoy the games! (Submitted by **Dr. Michelle Brimecombe** who taught the PRST 3400 class.)



The *SNR Monthly Reader* will be distributed electronically the last working day of the month (except during breaks). Please send announcements (or if you’d like to unsubscribe) to Cindy Greenwood, Editor (greenwoodci@missouri.edu).



SNR Instagram



SNR Facebook