SNR MONTHLY READER

WELCOME BACK TIGERS
DIRECTOR MARKET – SNR ACTIONS

- Attended New Student Breakfast
- Attended Welcome/Information Presentation for Fall Kick-Off
- Attended National Weather Association Annual Meeting
- Attended Welcome Back Faculty Social

The summer has passed by quickly as we welcome a new academic year. Campus feels fully charged as we greet new students, faculty, and staff. Fall semester is always a new adventure with lots of opportunities ahead. We continue to grow and go forward.

HONORS AND AWARDS

BirdsCaribbean is thrilled to announce a Lifetime Achievement Award to Dr. John Faaborg, Emeritus Professor, University of Missouri, Division of Biological Sciences and School of Natural Resources, Fisheries and Wildlife, at the joint meeting of the American Ornithological Society and BirdsCaribbean in San Juan, Puerto Rico. The award is presented to express our grateful appreciation for John’s leadership in developing the long-term monitoring of birds in the Guánica Dry Forest of Puerto Rico, initiated and sustained for more than 45 years by Dr. John Faaborg with assistance from Wayne Arendt, US Forest Service, and continued with collaboration from John’s students, most recently Judith Toms, Canadian Wildlife Service. It is the longest-running mist netting/banding program in the Caribbean and is the longest-running banding project of its type anywhere in the tropics. This consistent project has resulted in many important publications by Dr. Faaborg and his students, including documenting the decline in winter resident Nearctic Neotropical migrant birds well before such declines were demonstrated elsewhere. Results have also shown the effects of droughts, hurricanes, and early winter rainfall on resident and migrant annual survival and recruitment. The team’s work was also the first to demonstrate the decline of the endemic Puerto Rican Vireo in the dry forest while also documenting the colonization of the dry forest by Shiny Cowbirds and Caribbean Elaneas. The publications from this project in Guánica have repeatedly demonstrated the value of long-term monitoring of bird populations.
During the 2022 National Weather Association (NWA) Annual Meeting, Dr. Tony Lupo received a Special Appreciation Award “For accomplishments in meteorological research with implications for sub-seasonal to seasonal forecasting, and for his continued support of his student’s involvement in the NWA”.

PRESENTATIONS/PUBLICATIONS/RESEARCH HIGHLIGHTS

The International Society of Limnology celebrated its 100-year history during an August meeting in Berlin. To commemorate the centennial, Jack Jones (SNR Curators’ Professor Emeritus) authored an abridged content review of past publications entitled “A century of scholarship archived in the Verhandlungen, Mitteilungen, and Inland Waters: publications of the International Society of Limnology” (Inland Waters, 2022: https://doi.org/10.1080/20442041/2022.2104591) and presented an overview at the meeting. The synthesis is based on 160 articles (out of 8600) from the 3 noteworthy publications of the Society – the Proceedings (Verhandlungen, 30 Volumes), the Communications (Mitteilungen, 25 Volumes) and Inland Waters (2010 and ongoing), the peer-reviewed publication of the Society. Jack’s summary illustrates the scope of past contributions and current directions of the Society and includes republication of 15 articles. He edited the final 2 volumes of the Proceedings and was the founding editor of Inland Waters (totaling 1150 manuscripts).

[Mr. Veli Yavuz is a Ph.D. student at Istanbul Technical University who will be finishing his Ph.D. soon. He is finishing up a one year visiting scientist scholarship under Dr. Neil I. Fox and myself. His research areas are in synoptic meteorological analysis using remote sensing techniques. His year here was very productive and resulted in five peer review journal articles written by him and he’s on one other as a co-author. He will return to Turkey at the end of August.]


The Urban-Rural Systems Research Coordination Network, housed at Iowa State University, has received a $500,000 National Science Foundation grant from the Dynamics of Integrated Socio-Environmental Systems program to launch a five-year study. Dr. Charles Nilon is an outside collaborator on this grant.

For more about the grant: https://www.news.iastate.edu/news/2022/08/29/urban-rural

EVENTS/MEETINGS/ANNOUNCEMENTS

MISSOURI CHESTNUT ROAST FESTIVAL

LOCAL FOOD, ARTS, & CRAFTS, SPECIALITY CROP PRESENTATIONS, KID’S ACTIVITIES, WAGON RIDES, HICKMAN HOUSE TOURS, AND MORE!

Saturday, October 1
10 am to 3 pm

MU Horticulture and Agroforestry Research Farm in New Franklin
Meet the summer crew!

The Baskett Forest buzzes with activity in the summer, providing a wide variety of opportunities for students through internships or research experiences. As we transition back to the classroom for the fall semester, we’d like to feature the students who worked full time at Baskett this past summer.

**Grace Cochran:** Grace is a graduate research assistant in her first year of her MS program in atmospheric science. She works at the MOFLUX tower conducting research to look at forest functional responses to rainfall under different levels of water stress.

**Bella Kamplain:** Bella is a junior studying environmental science with an emphasis in land and soil. She has been a research assistant at MOFLUX project for 2 summers now! This summer she has been working on a project exploring the biomass and density distributions of tree roots in soil profiles.

**Luke Noel:** Luke is a senior in natural resource science and management. He is enthusiastic about being outdoors and enjoyed working on a variety of projects at Baskett, including maintenance of a long-term seedling study.

**Hunter Seubert:** Hunter is a graduate research assistant with the MOFLUX project. He is currently pursuing an MS in the SEAS program with an emphasis in soil science. He obtained a BS from Mizzou in plant sciences. His MS work revolves around investigating the spatial and temporal variation of total soil carbon dioxide efflux using automated soil chambers.

**Grayden Stitzer:** Grayden is an undergraduate student studying natural resources science and management with an emphasis in forest resources. He enjoys photographing and hiking in the wilderness and plans to travel the world once he graduates.

Below: The crew works to sort root material from soils in a new project measuring root mass and decomposition from the forests at Baskett.

For more information about activities at Baskett Forest, contact Ben Knapp (knappb@missouri.edu)
**SPOTLIGHT ON SNR FACULTY, STAFF AND STUDENTS**

**Welcome New SNR Faculty:**

**Dr. Gurpreet Kaur** joined SNR in July and she is located at the [Lee Greenley Jr. Memorial Research Farm](#) in Novelty, MO. Dr. Kaur’s research will be focused on soil fertility, nutrient and water management, crop and soil modeling. Dr. Kaur received her MS in Agronomy from the University of Wyoming in 2013 and PhD in Natural Resources from the University of Missouri in 2016. Before joining MU, Dr. Kaur was an Assistant Professor at the Mississippi State University Delta Research and Extension Center, Stoneville, MS. Dr. Kaur is very excited to be back to MU and looking forward to working with SNR faculty, staff, and students.

**Dr. Allison Pease** is an incoming Assistant Professor of Fisheries. Her research and teaching are intended to improve understanding of environmental change impacts and to support conservation of freshwater fisheries resources. Much of her work is international, but she seeks productive collaborations with natural resource agencies for more local research. She received a BS in Biology from the University of Texas, a MS in Biology from the University of New Mexico, and a PhD in Wildlife & Fisheries Science at Texas A&M University. She completed a postdoc in SNR at MU before working as an assistant professor at Texas Tech University for six years. She is happy to be back at MU.

**Dr. Daniel Springer** is an incoming Assistant Teaching Professor of Sport Management in Parks, Recreation, & Sport whose work focuses on the nexus of sport and human development through inquiry-based qualitative methods that incorporate multiple stakeholder perspectives. Prior to beginning his work at Mizzou, he received his PhD from Texas A&M University in Sport Management and MEd in Educational Leadership with an emphasis on College Student Development from Oklahoma State University. Before transitioning to his faculty position, he spent 4 years working in student activities and another 4 working as an undergraduate academic advisor for the Sport Management program at Texas A&M.
A couple more photos from the new student breakfast and new student presentation.

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).