

NAUFRP NEWS

National Association of University Forest Resources Programs

Creating Knowledge – Developing Leaders

December 2021 Issue 2

President’s Message-Janaki Alavalapati

As you get ready for a much-needed holiday break, I want to THANK you all for your active engagement in moving NAUFRP forward. Due to ongoing COVID challenges, we had to conduct our Spring and Fall Executive Meetings and General Assembly virtually this year. I encourage you all to find some time to visit <http://naufrp.org/> for minutes of meetings and other details. Despite these challenges, you will note from this newsletter that our regional and national level committees have done excellent work tackling issues relating to our programs. As always, Mr. Randy Nuckolls, our Washington Counsel, represented us very well by paying close attention to budget issues and conversations relating to our programs. Ms. Terri Bates has done an outstanding job of keeping us informed and connected! Please join me in thanking Randy and Terri.



This year, I was able to represent NAUFRP at three of our partners' national meetings—the National Council of Forestry Associations Executives Meeting in Jackson, WY; the National Association of State Foresters

Meeting in Pittsburgh, PA; and as a panelist on the “Forestry Education in a Post-Pandemic World” virtual session at the Society of American Foresters National Convention. This year, NAUFRP membership honored Dr. Steve Bullard, Past President of NAUFRP, for his many contributions to the forestry and natural resources professions and wished him a long and happy retirement.

We had a few leadership changes in NAUFRP this year. Dr. Myron Floyd (North Carolina State University), Dr. Dale Green (University of Georgia), and Dr. Karen Mock (Utah State University) have become At-Large members. Dr. Dennis Becker (University of Idaho) has become the Chair of Policy Committee; Dr. Don Hodges (University of Tennessee) has become the Chair of the International Committee; Dr. Nancy Mathews (University of Vermont) has become the Chair of Northeast Region, and Dr. Yeon-Su Kim has become Chair of the Diversity Committee. Please join me in welcoming them!

Please remember that the impact of our association depends on your engagement, your thoughts, and your creativity. I want to take this opportunity to wish you, your families, and your teams a joyful holiday season and a prosperous New Year! Let us hope that we can hold in-person meetings in 2022.

Best regards

[Janaki Alavalapati](#), Dean, School of Forestry and Wildlife Sciences, Auburn University & President of NAUFRP

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Meetings

NAUFRP Executive Committee March 14-15, 2022 Washington, D.C.

Biennial Conference on University Education in Natural Resources March 23-24, 2022

Washington Update—Randy Nuckolls, Washington Counsel

As we near Christmas, Congress is attempting to wrap up “must do” legislation before adjournment until mid-January. In early December, the House and Senate approved another short term Continuing Resolution to continue agency funding for FY 22 at FY 21 levels until February 18th. Democratic and Republican members of the Senate Appropriations Committee are still far apart in resolving funding levels and various policy “riders” on several of the twelve appropriations bills. Some on the Republican side of the aisle would be happy to pass a full year Continuing Resolution rather than approve an individual appropriations bill or an Omnibus Appropriations bill that contains several of the Democratic majority priorities. In the meantime, agency program managers will continue to provide funding for programs such as McIntire-Stennis at current funding levels. Hopefully, the issues between the two parties can be resolved on the Agriculture Appropriations bill so that some level of increase will be approved beyond February 18 for key programs of interest to NAUFRP members including McIntire-Stennis and the AFRI competitive grant program.

During the week of December 13th, the Senate will join the House in approving the annual National Defense Authorization Act, legislation that has been adopted as stand alone legislation every year for more than 60 years. The Senate will also approve during the week, a raising of the debt ceiling to allow additional borrowing by the federal government. This approval, with only Democratic votes, was made possible after Senate Majority Leader Chuck Schumer and Minority Leader Mitch McConnell worked out a compromise procedure where fourteen Republican Senators joined the Democratic majority to make a one time rules change in the Senate to allow a vote on legislation raising the debt ceiling

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Committee Work

2021 Family Forests Education Award, Jeff Stringer, Extension Chair

The Extension Committee completed awards for this year's Family Forest Education Awards cosponsored by NAUFRP and the National Woodland Owners Association (NWOA). The two awards, one for a Comprehensive Program and the other for an Individual Project were awarded to the University of Maryland Forestry Extension and the University of Kentucky, Forestry and Natural Resource Extension team, respectively. The comprehensive award focuses on a broad educational effort to address a diverse array of family forest issues, often times using a wide range of educational approaches and projects. The Individual award is single project focused. For the latter, we solicited nominations that showcased an educational project that was developed to address the change in delivery of information necessitated by the pandemic.

The comprehensive winner was the **University of Maryland** Extension's **'Woodland Stewardship Education Program'** that has attracted over \$2 million in grant funding, and reached thousands of woodland owners and hundreds of forestry and logging professionals with information and education to improve forest health, resiliency, productivity and sustainability. The online forestry and wildlife courses for example have

reached over 600 landowners who collectively control over 27,000 acres.

The **University of Kentucky** Forestry and Natural Resources Extension's program **"From the Woods Today"** was developed specifically to provide information delivery on a broad array of forest management topics during the pandemic. The weekly live stream education program hosted 74 unique programs covering 240 topics with over 160,000 viewers/listeners from all 50 states and 53 counties. All shows are available as podcasts at www.ukforestry.org, providing continued use of this on-going project.



University of Kentucky Extension Team

UNIVERSITY OF
MARYLAND
EXTENSION

**WOODLAND
STEWARDSHIP
EDUCATION**



www.FromTheWoodsToday.com

Diversity— Yeonsu Kim

The NAUFRP Diversity Committee facilitated an open forum during the NAUFRP general assembly titled, "Advancing IDEA -Inclusiveness, Diversity, Equity and Action- in the Natural Resources Professions". We will be conducting a national survey to establish a benchmark to help guide our efforts to enhance diversity in forestry professions in coordination with the early survey by the National Association of University Fisheries and Wildlife Programs (NAUFWP). We will develop a report from this survey and share with contributing institutions. Please look for an invitation to participate in the early January. Please contact Yeon-Su Kim (ysk@nau.edu), the NAUFRP Diversity committee Chair, if you would like more information.

See McIntire-Stennis Research Projects at NAUFRP institutions summarized at [McIntire-Stennis Projects – National Association of University Forest Resource Programs \(naufrp.org\)](http://McIntire-Stennis Projects – National Association of University Forest Resource Programs (naufrp.org))

Policy—Dennis Becker

Actively participating in the Forest Climate Working Group (FCWG), including several sign-on letters and advocacy surrounding the Senate Bipartisan Infrastructure bill, and House Build Back Better bill (monthly calls and weekly email feedback).

Joined the Food and Agriculture Climate Alliance (FACA) and participated in monthly calls, providing similar feedback and advocacy surrounding Senate and House forestry bills.

Work has not yet begun on the Farm Bill, but will shortly after current pending bills are passed

Presented to the House Republican forestry caucus in support of the REPLANT Act, which was later incorporated into the House Build Back Better and Senate Infrastructure bills.

Assisted NAUFRP in the Budget and Advocacy Committee deliberations to set desired McIntire-Stennis future funding levels.

Encouraging more institutions to adopt template for communicating McIntire-Stennis relevance: <http://naufrp.org/mcintire-stennis-projects/>

Committee Work

APLU Liaison — Linda Nagel

The [Budget and Advocacy Committee \(BAC\)](#) of the [Association of Public and Land-Grant Universities \(APLU\)](#) meets monthly to discuss federal appropriations and advocacy strategies. BAC Chair Paul Patterson, Dean of the College of Agriculture at Auburn University, and Doug Steele from APLU are leading a new process for developing federal agriculture and natural resource appropriations budget recommendations for FY 2023 and 2024 by soliciting proposals from BAC members and sections. NAUFRP is working closely with APLU leadership on a recommendation for McIntire-Stennis.

APLU announced in November that [Lewis-Burke Associates, LLC](#), was selected as APLU's new advocacy partner to help advance federal funding priorities and advocacy strategies. Cornerstone Government Affairs has been serving in this role for the past 18 years and was instrumental in the creation of the National Institute of Food and Agriculture (NIFA) and the Agriculture Food and Research Initiative (AFRI). The contract with Lewis-Burke will begin in January 2022 and will work closely with APLU to:

- Engage with members of Congress, authorizing committees, and staff responsible for funding agriculture, natural resources, and human sciences.

- Advocate for increased funding levels for agricultural research, teaching, and Extension in USDA and other federal agencies.
- Strengthen existing and build new strategic partnerships with federal agencies and external coalitions and other stakeholders in support of mutual goals.
- Create new opportunities for public and land-grant colleges and universities in the upcoming Farm Bill.

The APLU [Commission on Food, Environment, and Renewable Resources \(CFERR\)](#) Executive Board Meeting was held virtually November 8, 2021 with Board highlights from all five Boards (Agriculture Assembly; Human Sciences; Natural Resources; Oceans, Atmosphere and Climate; and Veterinary Medicine). Linda Nagel gave a report from NAUFRP and Lisette Waits gave a report from the National Association of University Fisheries and Wildlife Programs. The Chair of CFERR, President Noelle Cockett from Utah State University, and APLU's Doug Steele proposed strategies for enhanced engagement across the CFERR Boards.

Education—Andrew Storer

At the Spring 2020 NAUFRP Executive Committee meeting, it was requested that SAF include the NAUFRP educa-

tion chair as a part of the discussion of accreditation standards review. The Education Chair was appointed (January 2021) to the SAF Educational Policy Review Committee. This committee has been working to finalize the accreditation standards, and the new standards were approved by the SAF Board at a meeting in August 2021. Ongoing work is refining the forms and tables that are associated with the accreditation report writing process, and updating the handbook for visiting teams.

Some key issues that were addressed and shared with the SAF Board of Directors were:

How does SAF accreditation fit with institutional accreditation?

- ◆ Remove duplication – e.g., admissions and graduation policies, student support services, library collections details, detailed outcomes assessment procedures

Eliminate references to general education

- ◆ SAF accreditation does not establish requirements for what 'general education' should be at any given institution, rather that students achieve competencies, some of which may relate to coursework considered by the institution to be 'general education'.

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Regional Corner

North Central, Rich Kobe — NAUFRP reps from North Central continue to video-meet on a quarterly basis and are discussing plans to: 1) coordinate research efforts with the USFS Northern Research Station and 2) share best practices for diversity, equity, and inclusion for our programs

Northeast, Nancy Mathews

UVM Forestry Program Update

In 2021, the University of Vermont Forestry program recorded the highest enrollment on record with 95 students now pursuing a Forestry B.S. This growth has been driven by increasing interest at UVM and across the region in forest conservation, as well as through partnerships with local community and technical colleges that pro-

vide transfer pathways for students interested in the major. Throughout the COVID-19 pandemic, the Forestry program has developed safety protocols to allow for continued in-person field labs, which have served to strengthen and maintain community across students in the major, particularly during periods when in-person activities have been restricted. These efforts have been critical to student retention efforts, as well as in ensuring the core-learning mission of the program around hands-on field experiences.

West Virginia University

Drs. Jingxin Wang and Jamie Schuler featured in WV Gazette Article

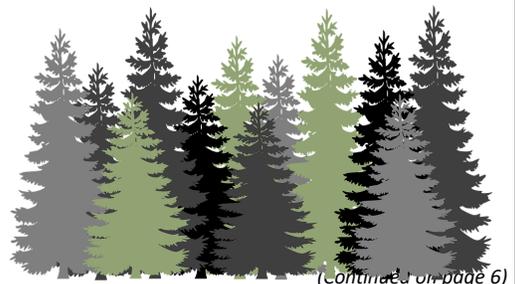
https://www.wvgazette.com/dailymailwv/daily_mail_features/power-plants-wvu-researchers-dig-into-sustainable-biomass-energy/

[article 2ca3d9cc-079d-59a1-ae4e-665ae11c5196.html](https://www.wvu.edu/newsroom/stories/2021/02/2021-02-20-2ca3d9cc-079d-59a1-ae4e-665ae11c5196.html)

WVU continued on page 7

South, Hans Williams —

Stephen F. Austin State University researchers assist in multi-agency effort to return alligator snapping turtles to natural habitat—Twenty-one adult alligator snapping turtles were recently released back into East Texas waters as part of a coordinated effort by *continued on page 6*



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Committee Work (cont.)

Education Report cont.

Accreditation for the 21st century

- ◆ Include awareness of social justice concepts, require efforts to create inclusive cultures where both faculty and students have a sense of belonging

Read more on accreditation at [NAUFRP Education Committee report October 2021](#)

Global Forest Education Project: The International Conference on Forest Education was held June 22-24, 2021. The regional report for North America is not available online at the time of writing this report. The Regional Assessment Report of Forest Education in North America (Canada and the United States) was written by UBC Faculty of Forestry, Terry Sharik, Michigan Tech, and Rocco Saracina Project Learning Tree Canada were regional partners. The regional report is part of a global study of forest-related education that spans primary, secondary, and tertiary education, and involved teachers and administrators, students, and external organizations. It includes the outcomes of a survey that was administered in 2020 as well as discussion of some of the history of forest education in North America. Survey response numbers were lower than planned, in large part due to the survey being administered during the pandemic. Project Link: <http://www.fao.org/forestry/forest-education/en/>

Guest Blog for SAF

The NAUFRP education chair and the NAUFRP president co-authored an SAF Convention Friday Focus On blog. The theme was 'Forestry instruction during the pandemic: how it happened.' This blog post went live on August 11. The [blog series](#) is available on the SAF website.

The complete Education Report can be read at [NAUFRP Education Committee report October 2021](#)

Research—Bob Wagner

Since the last NAUFRP Executive Committee in the spring, we finished up two projects addressing national challenges associated with forest and forest products R&D funding and capacity: 1) Quantifying changes in Ph.D. expertise in forest resources from NAUFRP university programs over the past four decades (1978 to 2017), and 2) Leading a U.S. Forest and Forest Products R&D

Capacity Summit). The following progress was made on both projects:

Change in Ph.D. dissertation topics in forest resources from U.S. universities over four decades (1978 to 2017)

Results of this study were completed in the summer and a manuscript submitted for publication in the journal Forest Science. Authors of the paper are Robert Wagner, Kristen Bellisario, and Ningning Nicole Kong. Below is the abstract from that paper:

Abstract: Changes in forest resources expertise from 1978 to 2017, as measured by annual number of Ph.D. dissertations published on 20 topics, were examined. Using the ProQuest Dissertations and Theses Global database, titles and abstracts from 11,530 dissertations produced by 56 U.S. land-grant universities were selected. Automated Content Analysis and Latent Dirichlet Allocation were used to identify the optimal number of topic groupings among 7,742 dissertations that met selection criteria. Substantial differences were found in the pattern of publication among the 20 topics over time. The number of dissertations related to forest growth and silviculture; tree seedling propagation, physiology, and regeneration; and forest soil nutrients, ecology, and management declined over the past two decades. Dissertations related to forest wildlife management, including terrestrial wildlife ecology and management; wildlife food and nutrition; and fish ecology and management also declined during the same period. The number of dissertations in the fields of forest policy, politics, and social science; forest modeling, biometrics, and statistics; wood science; forest vegetation ecology; and avian ecology increased during the four decades. Dissertations published in the fields of forest economics, and forest entomology and pathology, remained relatively stable.

Study implications We found decreasing production of Ph.D. dissertations focused on applied forest and wildlife management problems in recent decades. Declining Ph.D.-level expertise in applied fields after the early 2000s suggest that there is less capacity to address practical problems facing forest and wildlife managers. This decline also suggests that finding university instructors qualified to teach applied forest and wildlife courses may have been more difficult over the past decade and possibly into the future. Our analysis indicated that the number of dissertations in adjacent sciences supporting forest resources have increased capability in these areas.

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NAUFRP Executive Committee

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[C. Randall Nuckolls](#)

NAUFRP Executive Liaison
[Terri Bates](#)

Society of American Foresters (SAF), Terry Baker, Chief Executive Officer

As part of SAF's staff restructuring plan in alignment with the SAF strategic plan, we are abolishing the Director of Science and Education position, currently held by **Carol Redelsheimer**, on 12/31/2021. The responsibilities of that position are splitting to create two new roles to provide more bandwidth to our accreditation and science education programs. Associate Director of Accreditation, Jocelyn Harris, and Manager of Science and Technology, Amy Juliana, start working with SAF this month and we look forward to seeing them grow in these new positions.

We are truly grateful for Carol's commitment to SAF in taking on this significant staff role over the past 11 years. Her insights and passion for the profession have been key to the success of our accreditation program, convention, science awards and many other efforts. Carol will be transitioning responsibilities with Jocelyn and Amy starting today through the remainder of the month. We wish Carol the best.

Jocelyn Harris, Associate Director of Accreditation – As mentioned above, Jocelyn will be leading our Accreditation program starting January 1, 2022.

Amy Juliana, Manager of Science and Technology Education – Amy will be leading our working groups/communities of interest. She will also be our staff contact for the Forest Science and Technology Board, Convention Program Planning Committee, quiz bowl, and student poster/presentation competition.

Naomi Marcus, Director of Credentialing and Professional Development – Starting next year, the Accreditation and Science and Technology Education programs will fall under Naomi's department of Credentialing and Professional Development. She will also continue to be the main point of contact for institutions interested in agreements to provide their content via our ForestEd platform.

While it is not filled currently, we will be filling a Business Relations Specialist who will coordinate convention exhibits and sponsorship.

NAUFRP members can always contact me to route things to staff. We will be adding additional program staff through January. This is truly an exciting time for our organization to better serve our members, partners, and the profession.

Additional staff updates can be reviewed here: <https://eforester.org/Main/About/Staff/Main/About/Staff.aspx>.

(Research Report continued from page 4)

U.S. Forest and Forest Products R&D Capacity Summit To address the problem of continued erosion of the nation's forest and forest products R&D capacity over the past several decades, we organized a Forest and Forest Products R&D Capacity Summit with leaders from state, federal, private, and university forestry and wood products organizations from across the country. NIFA supported the summit by funding a one-year conference grant during 2020-21. Our research team included Robert Wagner (Purdue U.), Emily Huff (Michigan State U.), Michael Goergen (U.S. Endowment for Forestry and Communities), and Keith Gilliss (U.C. Berkeley). Results from the Forest and Forest Products R&D Capacity Summit are presented in the attached draft report. Next steps call for engaging our established steering committee to seek better national mechanisms and approaches for cooperatively identifying, communicating, coordinating, and advocating for U.S. forest and forest products R&D priorities, capacities, and funding. We are seeking advice from the NAUFRP Executive Committee about next steps for this effort

To read *U.S. Forest and Forest Products R&D Capacity: Results from 2020-21 Stakeholder Summit* (begins on page 3) [NAUFRP-Research-Chair-Report-Fall-2021.pdf](https://www.naufrp.org/Research-Chair-Report-Fall-2021.pdf)



Student Opportunities To Know About—Forest Landowners Association

Traditional Scholarships: <https://www.forestlandowners.com/foundation/scholarships/>

The Forest Landowner Foundation hosts the Public Policy Institute (PPI) each February at the FLA Board of Directors meeting in Washington, DC. The Institute is designed to introduce forestry students to public policy and how it impacts various aspects of forest ownership and management. <https://www.forestlandowners.com/foundation/foundation-future-forestry-leaders/>

The Rob Olszewski Fellowship is an opportunity for graduate students who are working toward a career in forest policy and analysis. Fellows are also included to take part of the Public Policy Institute in DC each February. <https://www.forestlandowners.com/rob-olszewski-fellowship/>

Applications are open now through February 15 for students to apply for all these opportunities.

<https://www.forestlandowners.com/foundation/scholarships/> (this application is used for the PPI as well)

((SFA continued from page 3))

the Texas Parks and Wildlife Department, U.S. Fish and Wildlife Service, Stephen F. Austin State University, Sabine River Authority, Northeast Texas Municipal Water District, the U.S. Army Corps of Engineers, Houston Zoo and the Turtle Survival Alliance, among others, after being seized in a trafficking attempt.



Although once common, populations of alligator snapping turtles, the largest freshwater turtle species in North America, have been so drastically reduced that it is now listed as a species of conservation concern by

every state within its natural range. The U.S. Fish and Wildlife Service also is considering federal protection of the species under the Endangered Species Act.

Link: <https://www.sfasu.edu/about-sfa/newsroom/2021/sfa-researchers-assist-multi-agency-effort-return-alligator-snapping>

Arthur Temple College of Forestry and Agriculture hosts East Texas Mass Timber Symposium

The Arthur Temple College of Forestry and Agriculture hosted an East Texas Mass Timber Symposium October 20 and 21 to share the diverse applications of mass timber from leading experts in the field of construction, archi-

ecture, forest resources and wood utilization. In addition to informative lecture sessions, participants toured a local forest products saw mill, as well as a cross laminated timber manufacturing facility.

Dr. Pat Layton, Director of the Wood Utilization + Design Institute and Professor of forestry at Clemson University, served as the keynote speaker. This conference was made possible by the USDA Forest Service Mass Timber University Grant Program.

Arthur Temple College of Forestry and Agriculture hosts Conservation Careers Camp

The Arthur Temple College of Forestry and Agriculture hosted the college's first Conservation Careers Camp June 20 and 24 on the Stephen F. Austin State University campus.

The camp targets students ages 14 to 17 who are interested in exploring career opportunities in natural resource management through engaging, hands-on experiences led by SFA professors and industry professionals.

"The vision of the Conservation Careers Camp is to have fun while connecting high school students to the forest and natural world," said Chanelle Svehla, academic advisor in SFA's Arthur Temple College of Forestry and Agriculture. "Through hands-on learning programs, campers gain knowledge about environmental stewardship, land ethics and forest health."

Camp activities focused on air and water quality monitoring, unmanned aeri-

al vehicle operation, timber cruising, wildlife identification and management techniques, and more. Field trips also introduced campers to surrounding national forests, as well as properties managed by SFA.

To learn more about the camp, visit www.sfasu.edu/cccamp.

Stephen F. Austin State University celebrates 75 years of forestry

In the spring semester of 1946, Stephen F. Austin State Teachers College welcomed an influx of returning World War II servicemen to the student body. Among the courses offered to these new and returning students was an entirely new academic program — one that is inexorably tied to the heritage, economy and natural history of the region.

By the mid 20th century, the U.S. had transitioned away from viewing forests and their resources as purely extractive, and the creation of SFA's Bachelor of Science in Forestry program reflected the growing understanding of the need for responsible, renewable, science-based forest management.

In 1966, the program received accreditation from the Society of American Foresters, the national organization representing and setting the standard for the forestry profession, making SFA home to the first accredited forestry program in the state.

Read more: <https://www.sfasu.edu/about-sfa/newsroom/2021/sfas-forestry-program-celebrates-75th-anniversary>

((Washington Report continued from page 1))

to be adopted with only 50 votes rather than the usual 60 votes needed to avoid a filibuster on Senate legislative proposals. This political maneuver gives both sides a "win" in that the Democratic Majority can pass the debt ceiling increase and avoid a default on U.S. obligations while Republican Senators can say that they didn't actually vote for a debt ceiling increase.

The last major issue that Majority Schumer says he still hopes to pass before Santa's sleigh flies from the North Pole, is the Build Back Better \$1.9 trillion proposal of the Biden Administration. The legislation has passed the House but will undergo significant changes in the Senate. Negotiations have intensified over the details of various provisions, including the tax provisions, Medicare changes, paid parental leave inclusion and other significant items. Finding a compromise that can get all 50 Democratic Senators to support, so that passage can be accomplished through the Reconciliation process that only requires 50 votes is a big challenge with Senators Manchin (D-WV) and Sinema (D-Ariz) still expressing concern about the cost of the bill now and in the future. Stay tuned Final action on Build Back Better could come on Christmas Eve or might not pass at all, depending on how strong Senator Manchin's opposition to certain parts of the legislation remains.

Academic Position announcements



www.naufrp.org/job-announcements/

WVU DFNR News: Forestry Resources Management/Wood Science Technology

Drs. Jingxin Wang and Jamie Schuler featured in WV Gazette Article

https://www.wvgazette.com/dailymail/wv-daily-mail-features/power-plants-wvu-researchers-dig-into-sustainable-biomass-energy/article_2ca3d9cc-079d-59a1-ae4e-665ae11c5196.html



Dr. Schuler's FMAN 311 class visits with employees from Allegheny Wood Products.

The New York Times, with insights from Nicolas Zegre and Jamie Shinn, looked at flash flooding threats in West Virginia at a time when U.S. Senator Joe Manchin (D-W.Va.) is using his position of power in Washington to modify measures designed to address climate change. <https://www.us8.list-manage.com/track/click?u=897497f2978168696d30d6890&id=a6c7d65ff8&e=d763915ffe>

Wildlife and Fisheries

https://enews.wvu.edu/articles/2021/07/28/wvu-faculty-receive-125-000-to-tap-into-water-research-issues-in-west-virginia?utm_source=MOUNTAINEER+ENEWS&utm_campaign=7380e48c3c-RSS_EMAIL_CAMPAIGN&utm_medium=email&utm_term=0_02ac3f7274-7380e48c3c-136485857

https://www.register-herald.com/news/state-region/researchers-explore-invasive-carp-control-methods/article_c10e21ab-93cd-5689-b406-e539c47d2d30.html

Drs. Brent Murry and Carol Arantes received a new research award "Evaluation of potential factors limiting the expansion of Invasive Carp in the Ohio and Tennessee-Cumberland River basins: lessons to apply to the upper Mississippi" for \$151,640.86

https://www.register-herald.com/news/state-region/researchers-explore-invasive-carp-control-methods/article_c10e21ab-93cd-5689-b406-e539c47d2d30.html



WVU Wildlife & Fisheries student makes local news.

[Researchers explore invasive carp control methods | State & Region | register-herald.com](https://www.register-herald.com/news/state-region/researchers-explore-invasive-carp-control-methods/article_c10e21ab-93cd-5689-b406-e539c47d2d30.html)

As invasive carp continue to pose ecological and economic threats to the Upper Mississippi River Basin, researchers at West Virginia University hope to uncover ways to minimize the species ...

Biennial Conference on University Education in Natural Resources 2022

March 23 & 24, 2022

Abstract Deadline: February 4, 2022

The Biennial Conference on University Education in Natural Resources provides a unique opportunity for college- and university-based natural resource educators from across the country to share and explore pedagogical innovations and strategies. The two-day event combines plenary, breakout sessions, and workshops that encompass diverse subject matter and perspectives.

The biennial conference originated in the 1990s. The BCUENR is unique as there is no supporting professional organization. The conference depends on participants to propose host sites and carry on the vision of the founders. The educational experience continues to evolve and provide natural resources educators with information on national trends, groundbreaking teaching methods and resources that provide meaningful learning experiences for our students.

Call for Presentations:

Share your experiences, strategies, solutions, scholarship! We have two

opportunities for engagement.

- Traditional, 12-minute breakout session: presenters will have 12 minutes for their presentation shared live via Zoom, with 3 additional minutes for questions in a moderated session.

#MyExperience 5-minute recorded videos: share a teaching experience, an idea for a field lab activity, a solution to a problem, or other short message to your colleagues.

Conference Theme:

BCUENR 2022 will engage with keynote speakers on themes around Inclusive Natural Resources Education. We solicit contributions from you on the topics listed below or other topics of interest to college and university educators in natural resources.

- Inclusive teaching and learning
- Ungrading
- Global experiences
- Experiential learning
- Curriculum building
- Advising/recruiting students

- Field course design
- COVID course adaptation
- Online learning and course delivery
- Virtual experiences
- Technology in teaching and learning
- Diversity, equity, and inclusion
- Digital badges

Submit your information, title, and abstract on this page. Abstracts are limited to 1000 characters (~150 words).

Acceptance notices will be sent to submitting authors on a rolling basis prior to the submission deadline. Submit early, get your acceptance early! Final program details will be available soon after our **abstract deadline of February 4, 2022.**

Registration: You will receive access to the virtual conference agenda and Zoom links, special virtual field trips, and links to all short #MyExperience videos. Register by February 15 to receive a personal mailing with conference SWAG and participation activities!