



THE E-FORESTER

July 29, 2022



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SAF NEWS

SAF Names Presidential Field Forester Award Recipients

The Society of American Foresters has honored one member from each of the 11 SAF voting districts with the Presidential Field Forester Award for 2022. The award recognizes foresters who have dedicated their professional careers to the application of forestry on the ground using sound scientific methods and adaptive management strategies. Join us in congratulating this year's Presidential Field Foresters!

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Volunteer Opportunity: Be a Moderator at SAF2022

The 2022 Convention Program Committee is seeking volunteers to moderate the concurrent sessions on Wednesday through Friday, September 21-23, at the SAF National Convention. For concurrent session times, see the [convention program](#). If you can assist or have questions, please contact Amy Juliana at ScienceEd@safnet.org.

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Position Statement Spotlight: Prescribed Fire in Forest Management

Fire has played a fundamental role in North American landscapes, including forests, for millennia. SAF supports the use of prescribed fire in meeting multiple forest management objectives associated with wildfire risk reduction, ecological restoration and maintenance, and the sustainable productions of goods and services.

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Foresters' Fund Grant Introduces School Children to Forestry

In the July issue of *The Source*, Foresters' Fund grant recipient Alicia Christiansen teaches fifth-grade students in Oregon about forestry with four fun activities: tree planting, cross-cut sawing, pulp toss, and choker race. 1,000 Douglas-fir seedlings were donated by the Bureau of Land Management for this project.

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SAF2022: Position Your Company for Growth by Partnering with SAF!

Showcase your products and services at the world's largest forestry and natural resources management expo at the [2022 SAF National Convention](#)! SAF is offering new benefits this year for sponsors and exhibitors that will increase visibility and help draw attendees to booths. Don't miss out--there's one week left to register!

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PARTNER HIGHLIGHT

Your Expertise is Needed: ASCA's Tree and Plant Appraisal Job Task Analysis

The American Society of Consulting Arborists (ASCA) is asking for participation in an industry survey critical to the profession of tree and plant appraisers. The goal of the survey is to determine the essential knowledge areas required by today's tree and plant appraisers in order to update the current certificate program for this field: ASCA's Tree and Plant Appraisal Qualification (TPAQ). It is important that those of you who perform tree and plant appraisals share your input as key stakeholders of this training and education program. Those who participate will be entered to win one of two \$100 Amazon gift cards!

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Promoted by [Forest Biometrics Research Institute](#)



- [The Evolution of Forest Inventory: The newly available methods of using satellites and lidar to inventory your forest may upend nearly two centuries' of building forest inventories thru traditional plots and cruising.](#)

FEATURED NEWS

Statement from Chief Randy Moore on Interim Policy Changes for Partnership and Cooperator Agreements

U.S. Department of Agriculture, July 22, 2022

Chief Randy Moore mentions; I am issuing interim policy direction that makes it easier for existing and potential partners to work together with the Forest Service to achieve mutually beneficial goals.

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Biden Administration Touts Plans to Plant a Billion Trees, Restore Forests Scarred by Wildfires

Yale Environment 360, July 26, 2022

The Biden administration has unveiled new plans to restore woodlands beset by drought, insect infestations, and wildfires,

including planting more than one billion trees on federal lands.

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Manchin Says He Has Reached Deal With Schumer On Economy, Climate Bill

The Washington Post, July 27, 2022

Sen. Joe Manchin reached a deal with Democratic leaders on a spending package that aims to lower health care costs, combat climate change and reduce the federal deficit, marking a massive potential breakthrough for President Joe Biden's long stalled economic agenda.

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WILDFIRE

Forest Service Taking Emergency Action to Protect Giant Sequoias

U.S. Department of Agriculture, July 22, 2022

The U.S. Department of Agriculture's Forest Service is initiating emergency fuels reduction treatments to provide for the long term survival of giant sequoia groves against immediate wildfire threats.

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Wildfire Smoke Is Terrible for You. But What Does It Do to Cows?

Wired, July 26, 2022

California's wildfire season has kicked off in earnest, with the Oak Fire chewing extraordinarily quickly through the parched landscape around Yosemite National Park. The fire has burned nearly 17,000 acres so far, forcing thousands from their homes and blanketing the surrounding area in smoke.

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These Maps Show Severe Fires Are Morphing California Forests into Something We Won't Recognize

San Fransico Chronicle, July 25, 2022

Many of the largest wildfires in recent U.S. history have happened in California just in the past few years, including last year's Dixie Fire, which burned nearly a million acres across four counties.

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STATE & PRIVATE FORESTRY

MTU and MSU Present Mass Timber Research and Economic Potential with Sen. McBroom and Other Michigan Leaders

WBUP-TV, July 26, 2022

Michigan Tech and Michigan State universities are both working on developing solutions for using mass timber throughout Michigan. Michigan Tech has taken on the role of research and development for cross laminated timber.

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A Walk through a 'Working' Forest (NY)

Adirondack Explorer, July 20, 2022

In 1945, the students of Plattsburgh State bought 662 acres of land in the Town of Lewis from the A. Masons and Sons Lumber Company, which became something of a wooded sandbox for forestry experiments, work and play.

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Landowners Seek Resources for Timber Work, Weed Treatments at Forest Health Field Day (MT)

The Chronicle, July 23, 2022

Landowners around the Gallatin Valley are receiving new federal funding to thin trees and treat noxious weeds on their properties, and officials said during an event on Wednesday that more applicants are in the queue.

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Forest Society of Maine Announces 8,000-Acre Conservation Easement Adjacent to Canadian Border

WMEH-FM, July 25, 2022

The Forest Society of Maine announced on Monday the completion of a conservation easement on more than 8,000 acres of forestlands in western Maine. Forest Society of Maine President and CEO Karin Tilberg says the region is notable for its

wildlife and water quality.

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FEDERAL LANDS

Forest Management Bill to Reverse 'Cottonwood Decision' Clears Senate Committee (MT)

Flathead Beacon Productions, July 24, 2022

Billed by Montana's congressional delegation as a top forest-management priority, a measure to roll back a federal appellate court ruling known as the "Cottonwood Decision" has advanced through a key U.S. Senate committee.

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Forest Officials Ready to Proceed with South Yaak Fire Salvage (MT)

The Western News, July 26, 2022

The Kootenai National Forest has issued its notice and finding of no significant impact for the South Yaak Fire Salvage Project. The South Yaak Fire was detected on July 13, 2021, on the Three Rivers Ranger District. It burned 12,489 acres on private and National Forest land north of Troy.

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After Largest Fire in CA History, Forest Service Crews Prep for Tree Removal

The Mendocino Voice, July 25, 2022

Forest crews will go forward with plans to remove hazardous fire-killed and injured trees from just over 1,500 acres of Mendocino National Forest affected by the 2020 August Complex fire, after Acting Forest Supervisor Kristen Sexton signed

a decision finalizing the project's environmental planning stages.

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Forest Service Repairs Flood Plain, Creeks South of Petersburg (VA)

KFSK-FM, July 25, 2022

Several streams south of Petersburg are getting some major restoration work this summer. It's hoped the repairs will mimic natural processes to bring back top soil and better fish habitat. Two excavators dig out part of the east fork of Ohmer Creek, a salmon stream that runs under Mitkof Highway about 21 miles south of Petersburg.

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The poster features a central graphic of a tree with heart-shaped leaves, each containing a small photo of people. Logos for the Sustainable Forestry Initiative and Project Learning Tree are at the top.



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The advertisement includes a photograph of a dirt path winding through a lush green forest.

The Sierra Meadows Partnership and the Journey to 30,000 Acres (NV)

American Rivers, July 26, 2022

It's just shy of 9 a.m. on a warm June morning. Cars pull into a dirt pull-off in Yosemite National Park along a large meadow surrounded by granite peaks and the scars of the 2013 Rim Fire. People arrive and hug as they reunite with old friends and colleagues and introduce themselves to new ones.

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At Yosemite, A Preservation Plan That Calls for Chain Saws

The New York Times, July 27, 2022

The towering trees of Yosemite National Park have long held a treasured place in the American psyche, whether the ancient and majestic sequoias, the Ponderosa pines with their snake-patterned bark, or the acorn laden black oaks, the lifeblood of many Native American cultures.

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INDUSTRY & INNOVATION

Loggers from across the Country Converged at Meeting in Louisiana to Discuss the Future of the Timber Industry

PRNewswire via Benzinga, July 26, 2022

The ALC is represented in Louisiana by the Louisiana Loggers Association, the Louisiana Loggers Council, and the Southern Loggers Cooperative. The meeting in Louisiana was precipitated by an invitation from Lt. Governor Billy Nungesser.

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US Wood-Framed Homes Maintained Its Leading Position in 2021

Lesprom Network, July 22, 2022

U.S. lumber prices have been on a roller-coaster ride over the past two years and reached to an all-time high price of \$1,515 per thousand board feet in the week ending May 21, 2021, as reported by Random Lengths.

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Wood-Based Batteries? Northvolt Is Working to Develop This Sustainable Material Technology

Electrek, July 22, 2022

Swedish battery manufacturer Northvolt is exploring the possibility of developing batteries that utilize carbon contained in locally sourced wood, to help lower their environmental impact and cost.

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(Blog) Visualizing Forest Carbon Data with SilvaStat360's Carbon Analysis Tool

Forest2Market, July 19, 2022

Political and corporate landscapes are evolving quickly as environmental, social and governance (ESG) initiatives are transitioning from vagaries just a few years ago into tangible, operational expectations. And the investment community is increasingly applying these non-financial considerations as part of its analysis in identifying material risks and growth opportunities.

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New Sensing Platform Deployed at Controlled Burn Site, Could Help Prevent Forest Fires

Argonne National Laboratory via Newswise, July 26, 2022

Multichannel sensing could help in emergencies. Smokey Bear has lots of great tips about preventing forest fires. But how do you stop one that's started before it gets out of control? The answer may lie in pairing multichannel sensing with advanced computing technologies provided by a new platform called Sage.

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URBAN & COMMUNITY FORESTRY

USDA Awards \$5.5M in Grants to Conserve Community Forests

U.S. Department of Agriculture, July 19, 2022

The U.S. Department of Agriculture awarded \$5.5 million in grants for conservation projects on 11 forests from Alaska to North Carolina. Grants funded through the Community Forest and Open Space Conservation Program provide financial

assistance to local governments, Tribal governments, and non-profit organizations.

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Eugene Forester Will Lead ODF Program Helping Cities Improve Their Urban Forests (OR)

The Register-Guard, July 23, 2022

One of Eugene's former urban foresters has taken on a new statewide role overseeing the state's partnerships with cities in expanding their canopies and planning their landscapes to be resilient in the face of a harshening regional climate.

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Can Expanding Salt Lake City's Urban Forest Improve Air Quality, Ease Historic Inequality? (UT)

KLS-TV, July 25, 2022

It's really no secret as to why the eastern portion of Salt Lake City has a few thousand more trees than the west side, says Kelsey Lindquist, a city planning manager. The Avenues, East Bench and Sugar House neighborhoods have about twice as much urban forest canopy as the northwest and west side master plan map areas altogether, according to 2014 city data.

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City of Austin Improves Resilience and Community Health through Landscape Development in Parks and Green Spaces (TX)

AustinTexas.gov, July 25, 2022

The City of Austin has reaffirmed its commitment to a more sustainable, resilient, and healthy place for community members to call home through adoption of a Sustainable SITES Initiative certification requirement for Parks and Recreation Department (PARC) projects.

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INTERNATIONAL FORESTRY

Amazon Landscape Change Study Highlights Ecological Harms and Opportunities for Action

Lancaster University via ScienceDaily, June 27, 2022

A major study into landscape changes in the Brazilian Amazon sheds new light on the many environmental threats the biome faces — but also offers encouraging opportunities for ecological sustainability in the world's most biodiverse tropical forest.

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Study Reveals an Unprecedented Change in Europe's Fire Regime

University of Barcelona via ScienceDaily, June 30, 2022

A study reveals an unprecedented change in the fire regime in Europe which is related to climate change. The affected areas are in Southern, Central and Northern Europe but this historical change in Europe's fire regime is more intense in the Mediterranean area.

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Bohemian Switzerland National Park Ravaged by Devastating Forest Fire

Radio Prague International, July 26, 2022

The devastating forest fire, which started in Bohemian Switzerland on Sunday morning, has already reached across the German border and has spread toward the Pravčická brána rock formation, one of the most striking sandstone monuments in Europe.

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Report on Forest Governance Sets Out China Pathway to Better Tackle Global Deforestation

Modern Diplomacy, July 22, 2022

The World Economic Forum — in collaboration with China-UK Collaboration on International Forest Investment and Trade, the World Wide Fund for Nature China and The Nature Conservancy — has launched a new report that sets out how China can do more to address global commodity-driven deforestation.

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PLANTS & PESTS

US Fish and Wildlife Service Seeks Public Input on Barred Owl Management Strategy — to Address the Threat of the Non-native Barred Owl to Native Northern and California Spotted Owls

Sierra Sun Times, July 22, 2022

Northern spotted owl populations are in serious decline due to competition from the invasive and non-native barred owl, along with past and ongoing habitat loss. Reducing the negative impacts of barred owls is necessary for the long-term survival and recovery of the federally listed northern spotted owl.

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Portland Outlines Plan to Fight Invasive Tree-Killing Beetle (OR)

OPB, July 26, 2022

Portland forestry officials are bracing for a major die-off of ash trees as an invasive beetle spreads through the region. The emerald ash borer, which is native to Asia, has killed more than 100 million trees in the United States since its discovery in Michigan in 2002, and Oregon officials have long-feared its arrival on the West Coast.

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SCIENCE & RESEARCH

Climate Change and Recreation in the Western United States: Effects and Opportunities for Adaptation

Journal of Forestry, February 17, 2022

Climate change is affecting natural resources globally, altering ecosystems that support outdoor recreation. In the western United States, effects such as warming temperatures, increased drought, reduced snowpack, and widespread wildfires will change the outdoor recreation landscape.

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The 1936 Fisher Seminars on Experimental Design at the Appalachian Forest Experiment Station

Journal of Forestry, January 5, 2022

Sir Ronald Aylmer Fisher (1899–1975) is considered by many statisticians as the "Father of Modern Statistics," and is credited with the development of the analysis of variance, among other notable achievements. In this August 1936 photograph of prominent USDA Forest Service researchers, Fisher is probably most recognizable.

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Researchers Use Tree Rings, GIS to Create Bluff Erosion Model

Mercyhurst College, July 22, 2022

That big tree in your back yard—the one that purifies the air, provides a respite from the sun, and is home to a family of robins—has also been providing a detailed climate record for decades.

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A Maine Forest Offers Decades of Data on the Ability of Trees to Remove Carbon from the Air

WMEH-FM, July 22, 2022

For decades, scientists from around the world have been visiting a mature forest just off the interstate, about 30 miles north

of Bangor. They've undertaken groundbreaking studies on acid rain, forest ecology and soil health. NASA used it for a remote sensing project.

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The E-Forester

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