



## Carol Miller Wins the Harold Biswell Lifetime Achievement Award

The Association for Fire Ecology (AFE) is pleased to announce that Dr. Carol Miller has been awarded the 2021 Harold Biswell Lifetime Achievement Award for her significant contribution to landscape fire ecology, wilderness fire science, and applied fire management and decision support in the western United States.

Dr. Carol Miller received her Ph.D. in Ecology and M.S. in Forest Sciences at Colorado State University, and B.S. in Electrical Engineering at Pennsylvania State University. As a graduate student, she developed and used a simulation model to study the interactions among climate, fire, and forest pattern in the Sierra Nevada of California. This work was important for revealing threshold behavior of fuel connectivity and fire spread across fuel moisture and fire frequency gradients—an elegant intersection of mathematical ecology and fire science fundamentals that advanced the nascent discipline of landscape fire ecology.

Carol spent her career at the Aldo Leopold Wilderness Research Institute where her research and outreach directly enabled sound management and resource stewardship, especially management of fire as an ecological process for resource benefit. Her research has been recognized many times during her distinguished career, including the Best Paper in Landscape Ecology from the International Association of Landscape Ecology, the U.S. Forest Service Award for Excellence in Wilderness Stewardship Research, the US Forest Service Mid-Career Scientist Publication Award. As a major developer of the field of landscape fire ecology and a leader in wilderness fire science, Carol has inspired a generation of fire ecologists and land managers.

AFE honors career achievements in fire ecology and management by recognizing the pioneers and early advocates in our field. Each year, lifetime achievement awards are presented to individuals who have made significant contributions to fire ecology and management and who have inspired and mentored a generation of fire ecologists. The award for individuals who primarily work in ecosystems found in western United States or in similar ecosystems internationally is named after Harold Biswell, a longtime faculty member at the University of California-Berkeley. Harold was a pioneer fire ecologist, conducting research on fuel hazard reduction and prescribed burning in California and teaching hundreds of students and managers from the 1950-80s.

Carol was presented with the Biswell Award at the 9th International Fire Ecology and Management Congress, which was held online from November 30-December 3, 2021. A list of all Lifetime Achievement Award winners is available at <https://fireecology.org/afe-award-winners>.

### About AFE

The Association for Fire Ecology (AFE) is a nonprofit organization dedicated to improving the knowledge and use of fire in land management. Our members include scientists, educators, students, managers, practitioners, policymakers, and interested citizens. To learn more about AFE, visit [www.fireecology.org](http://www.fireecology.org).



“One of the areas where Dr. Miller’s applied science contributions really stand out are her relationships with land managers. She has a large network of professional land manager colleagues who trust her and rely on her expert advice and research to inform their decision making.”