February 8, 2022

Commissioner Joel Bousman Chair, Public Lands Steering Committee National Association of Counties

RE: Wildland Fire Management

Dear Commissioner Bousman,

We are writing you as fire and forest scientists who work closely with land managers to study wildland fire management issues around climate, vegetation and fuel buildup, and fire. We recognize and appreciate the challenges and impacts that communities have experienced from wildfire, in large part because many of us live and work in areas that are at risk from wildfire. Many of us have been evacuated from our homes and have first-hand experience with the serious impacts that wildfires and smoke are having on communities. However, we are gravely concerned about the recent proposed interim resolution requesting the US Forest Service undertake NEPA analysis of national wildland fire policy and immediately suppress all fires until a decision is reached. Attempting to extinguish all fires<sup>1</sup> is a losing proposition that is based on a misunderstanding of current policy and an outdated notion of what is operationally feasible. It takes tools out of the management toolbox at a time when we need them the most, and it disregards local knowledge, ecology, needs, and opportunities.

## Wildfire management policy and tactics

The discussion around managed wildfire has long been fraught with unclear terminology and dangerous mischaracterizations about US Forest Service policy. Contrary to popular thought, the USFS does not have a "let burn" policy. The 2009 Guidance for Implementation of Federal Wildland Fire Management Policy allows federal agencies to manage natural ignitions for resource benefit if specific planning documents are in place and conditions are appropriate. This management decision is only ever made when weather and fuels conditions are conducive to fire having beneficial effects on the ecosystem. However, it is not uncommon for other fires to be mislabeled as managed wildfires, causing confusion and distaste for the 2009 guidance.

The 2021 Tamarack Fire in California, which started in the Mokelumne Wilderness and was initially being monitored, is a good example of a fire that was *not* being managed for resource benefit, but was wrongly labeled and politicized as such by the public and legislators. In that particular case, the country was at Preparedness Level 5 (PL5, the highest level of resource drawdown), and there were insufficient resources to allocate to a fire in a wilderness area when there were towns to protect. Tactical decisions like these—which are often made in triage mode and based on resource availability, unprecedented fire weather and fire behavior, and/or serious

<sup>&</sup>lt;sup>1</sup> "NACo urges the United States Forest Service to immediately issue the Wildland Fire Management Direction of Initial Fire Attack (to extinguish immediately) for the pending fire season and throughout the year to extinguish and contain wildland fire and any prescribed fire that for any reason breaches containment."

safety concerns—are often misinterpreted as managed wildfire, threatening a management tool that is in reality used only with careful consideration and planning.

## *Keeping tools in the toolbox*

As we have seen over the past few years, especially in California and Colorado, we are now experiencing conditions that are causing extreme fire behavior, which is in part due to past full suppression policy. The best management approach we have to combat this phenomenon is reducing the amount of fuel available to burn. Similar to how important thinning and prescribed burning are around our communities, the ability to manage wildland fires at appropriate times is equally important for reducing fuels in the wildland environment. We will never be able to reduce fire risk to communities with thinning or prescribed fire alone—we need all hands on deck, and all the tools in the toolbox.

The infrastructure bill will give the USFS much-needed resources to implement thinning and prescribed burning treatments to start tackling the enormous backlog of fuels reduction treatments needed in the wildland-urban interface. However, wildfires in the backcountry and wilderness areas still pose many direct and indirect threats to communities, and there is simply not enough money, time, or physical access to manage this risk with anything other than fire. When wildland fires are managed for resource benefit, the consumption of fuel limits the amount of energy the next fire has to burn. Managing wildland fires for resource benefit when weather and fuel conditions will support good outcomes (such as fuel reduction) will help prevent fires from blowing up and threatening communities when it is hot, dry and windy.

## Blanket policies disregard local knowledge and ecology

Each place has its own needs and opportunities, and land management must be considered within the context of local knowledge, ecology, and community. Blanket national policies, like this proposed resolution and USFS Chief Moore's order last summer, can actually place communities at greater risk. While California was burning during 2021, the southwest and southeast were getting the kind of moisture that creates excellent burning conditions. A blanket policy tied manager's hands and limited their ability to burn all of the new growth the rains caused. Rather than pushing for a national fire suppression policy centered on mischaracterized tactics, let's work together to find ways to better incorporate local knowledge and priorities into future fire management and response.

There is no possibility of a future without fire, but there can be a future with better fire. We would welcome an opportunity to speak with you about our concerns, and to come up with long-term solutions to meet our shared goals of wildfire risk reduction and community resiliency.

## Sincerely,

Matthew Hurteau, Professor, Department of Biology, University of New Mexico Susan J Prichard, Research Scientist, School of Environmental and Forest Sciences, University of Washington

Lenya N Quinn-Davidson, Area Fire Advisor, Director, Northern CA Prescribed Fire Council, University of California Cooperative Extension

R. Keala Hagmann, Ph.D., Research Ecologist, Applegate Forestry LLC

- David McWethy, Ph.D., Associate Professor, Department of Earth Sciences, Montana State University
- Larissa Yocom, Ph.D., Assistant Professor, Wildland Resources, Utah State University
- Brian V. Smithers, Ph.D., Research Assistant Professor, Ecology, Montana State University
- Alison C. Cullen, Sc.D., Professor, Evans School of Public Policy and Governance, University of Washington
- Camille Susan Stevens-Rumann, Ph.D., Assistant Professor, Forest and Rangeland Stewardship, Colorado State University
- Jonathan D. Coop, Ph.D., Professor, Biology and Environment & Sustainability, Western Colorado University
- Timothy A. Martin, Ph.D., Professor, School of Forest, Fisheries, and Geomatics Sciences, University of Florida
- Solomon Dobrowski PhD, Professor, Forest Management, University of Montana
- Jamie Peeler, PhD, Postdoctoral Fellow, Department of Ecosystem and Conservation Sciences, University of Montana
- C. Alina Cansler, Ph.D., Research Scientist, School of Environmental and Forest Sciences, University of Washington
- Andrea Thode, Professor Fire Ecology and Management, School of Forestry, Northern Arizona University
- Wade Tinkham Ph.D., Assistant Professor, Forest and Rangeland Stewardship, Colorado State University
- Stacey Frederick, MS, Academic Researcher, Dept. of Environmental Science, Policy, and Management, UC Berkeley
- Mark E. Swanson, PhD, Forestry Program Lead/ Associate Professor, School of the Environment, Washington State University
- Rachel Pekelney, B.S., Environmental Science, Policy, and Management, University of California, Berkeley
- Rachelle Hedges, MF, Project and Policy Analyst, Berkeley Forests, UC Berkley
- Nat MacMillan B.S., student researcher, Environmental Science, Policy, and Management, UC Berkeley
- Raelene Crandall, Assistant Professor, Forest, Fisheries, and Geomatics Sciences, University of Florida
- James D. Johnston, Ph.D, Research Associate, Forest Ecosystems and Society, Oregon State University
- Zack Steel, Ph.D., Postdoctoral Researcher, Environmental Science, Policy & Management, University of California, Berkeley
- Robert Scheller, Ph.D., Associate Dean for Research, College of Natural Resources, North Carolina State University
- Jeffrey M. Kane Ph.D., Associate Professor of Fire Ecology and Fuels Management, Forestry and Wildland Resources, Cal Poly Humboldt
- Margot W Kaye, PhD, Professor of Forest Ecology, Department of Ecosystem Science and Management, Penn State University
- Brian Buma, Ph.D., Associate Professor, Integrative Biology, University of Colorado, Denver
- Christopher J Dunn, Ph.D., Assistant Professor, Forest Engineering, Resources and Management, Oregon State University
- Scott Stephens, Ph.D., Professor of Fire Science, Environmental Science, Policy, and

- Management, University of California, Berkeley
- Jennifer Fawcett, Extension Associate, Forestry & Environmental Resources, NC State University
- Meg A. Krawchuk, Ph.D., Associate Professor, Forest Ecosystems and Society, College of Forestry, Oregon State University
- John D. Bailey, Ph.D., Professor, Forest Engineering, Resources and Management, Oregon State University, College of Forestry
- James Kent Agee, Ph.D., Emeritus Professor, School of Environmental and Forest Sciences, University of Washington, Seattle
- Penelope Morgan, PhD, Professor Emerita and AFE Certified Senior Fire Ecologist, Forest, Rangeland, and Fire Sciences, University of Idaho