Feb 27, 2024 (updated from Jan 31, 2024)

President Joe Biden  
The White House  
1600 Pennsylvania Avenue, N.W.  
Washington, DC 20500

Cc: Ali Zaidi, National Climate Advisor, The White House; Stephenne Harding, Council on Environmental Quality; Thomas J. Vilsack, Secretary of Agriculture; Deb Haaland, Secretary of Interior

Re: Request for an Executive Order to Place a Moratorium on Logging Mature and Old-Growth Forests, and Large Trees Generally, on National Forests and BLM Lands While the Old Growth EIS Proceeds

Dear President Biden:

We are scientists with backgrounds in forest ecosystems, climate change, and natural resources writing in response to the December 20, 2023 Notice of Intent for a National Old Growth Amendment in the Federal Register (Federal Register, Vol. 88. No. 243). We applaud your Executive Order 14008 directing federal agencies to protect 30% of the nation’s lands and waters by 2030, and Executive Order 14072 directing the national inventory of mature and old-growth forests for conservation purposes, most of which are on National Forests and BLM lands. Because of the global loss of mature and old-growth forests, and large trees generally, and their importance in mitigating the climate and biodiversity crisis on federal lands, we fully support calls by fellow scientists for a moratorium on logging in these critically important forests. Therefore, we request that you now direct the Forest Service and BLM to suspend all timber sales in mature and old-growth forests, and refrain from proposing new timber sales in these forests, while the federal agencies develop their Environmental Impact Statements that best comply with Executive Order 14072 in securing a national network of conservation areas.

We are concerned that the Administration’s proposed old-growth Amendment “does not alter or prescribe any substantive standards for the management of old growth forests” that in the meantime remain vulnerable to dozens of timber sales nationally and efforts by the Forest Service to increase logging of these forests before any substantive conservation takes hold. We are also concerned that the proposed Amendment excludes mature forests and includes a loophole that would allow logging of old-growth forests under certain conditions. Additionally, based on an independent inventory of mature and old-growth forests in the conterminous United States, and the Tongass rainforest in Alaska, more than 50 million acres of mature and old-growth forests are vulnerable to logging. In particular, the Amendment exempts the Tongass, the nation’s highest concentration of old-growth forests and forest carbon, from further analysis, which is inconsistent with your efforts to transition this forest out of old-growth logging.

The Glasgow Leaders’ Declaration on Forests and Land Use was signed by 141 countries, including the United States, at the COP26. The declaration pledges to end global deforestation and forest degradation by 2030 (emphasis added). Additionally, the United States is committed to the Paris Climate Agreement that “encourages Parties to conserve and enhance, as appropriate, sinks and reservoirs of GHGs that are referred to in Article 4, paragraph 1(d) of the Convention, including forests” (emphasis added). Following through on these commitments in practice is crucial for climate change mitigation.

Logging and associated road building in mature and old-growth forests and the removal of large trees on federal lands is the main form of forest degradation and is therefore inconsistent with your global commitments and relevant executive orders. We ask that you lead by example in signaling to the world that the United States takes its commitment seriously in halting the global biodiversity and climate crises
by now directing federal agencies to enact the strongest protections for the nation’s mature and old-growth forests and large trees as natural climate solutions and a flagship initiative of your roadmap for nature-based solutions. Doing so will be a legacy gift of your Administration to the nation and the planet.

Sincerely,

Beverly Law, Ph.D.
Professor Emeritus of
Global Change Biology
Oregon State University

William H. Schlesinger, Ph.D.
Member, National Academy of Sciences
President, Emeritus
Cary Institute of Ecosystem Studies

George M. Woodwell, Ph.D.
Member, National Academy of Sciences
Founding Director,
Woodwell Climate Research Center

Janet Franklin, Ph.D.
Member, National Academy of Sciences
Endowed Campanile Foundation Professor of Geography, San Diego State Univ.

Michael Mann, Ph.D.
Member, National Academy of Sciences
Presidential Distinguished Professor
University of Pennsylvania

Richard Birdsey, Ph.D.
Senior Scientist
Woodwell Climate Research Center

John Sterman, Ph.D.
Jay W. Forrester Professor of Management
Massachusetts Institute of Technology

Gene Likens, Ph.D.
Founding Director and President, Emeritus
Cary Institute of Ecosystem Studies

Stuart Pimm, Ph.D.
Doris Duke Professor of Conservation
Duke University

Cathy Whitlock, Ph.D.
Regents Professor Emerita
Montana State University

William R Moomaw, Ph.D.
Professor Emeritus, Tufts University
Distinguished Visiting Scientist
Woodwell Climate Research Center

James N. Galloway, Ph.D.
Member, National Academy of Sciences
Sidman P. Poole Professor, Environmental Sciences, U. of Virginia

Peter H. Raven, Ph.D.
Member, National Academy of Sciences
Prof. Emeritus, Washington Univ. St. Louis
Pres. Emeritus, Missouri Botanical Garden

Jim Hansen, Ph.D., Director
Member, National Academy of Sciences
Climate Science, Awareness & Solutions
Columbia University, Earth Institute

David Foster, Ph.D.
Director Emeritus Harvard Forest
Harvard University

Barry Noon, Ph.D.
Emeritus Professor
Colorado State University

William Ripple, Ph.D.
Distinguished Professor of Ecology
Oregon State University

Richard A. Houghton, Ph.D.
Senior Scientist Emeritus
Woodwell Climate Research Ctr.

R. Max Holmes, Ph.D.
President & CEO
Woodwell Climate Research Center

Dominick A. DellaSala, Ph.D.
Chief Scientist, Wild Heritage Project,
Earth Island Institute
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rose Abramoff, Ph.D.</td>
<td>Research Scholar</td>
<td>Ronin Institute</td>
</tr>
<tr>
<td>Daniel Anderson, Ph.D.</td>
<td>Professor Emeritus</td>
<td>University of California</td>
</tr>
<tr>
<td>William Armbruster, Ph.D.</td>
<td>Principal Research Scientist</td>
<td>University of Alaska Fairbanks</td>
</tr>
<tr>
<td>Erik Asphaug, Ph.D.</td>
<td>Professor</td>
<td>University of Arizona</td>
</tr>
<tr>
<td>Peter Auster, Ph.D.</td>
<td>Research Professor Emeritus</td>
<td>retired</td>
</tr>
<tr>
<td>David Bain, Ph.D.</td>
<td>Chief Scientist</td>
<td>Orca Conservancy</td>
</tr>
<tr>
<td>William L. Baker, Ph.D.</td>
<td>Emeritus Professor, Ecology and Geography</td>
<td>University of Wyoming</td>
</tr>
<tr>
<td>Norman T. Baker, Ph.D.</td>
<td>Ecologist and Entomologist</td>
<td>Northstar Nurseries Inc.</td>
</tr>
<tr>
<td>Jesse Barber, Ph.D</td>
<td>Professor</td>
<td>Boise State University</td>
</tr>
<tr>
<td>Phoebe Barnard, Ph.D.</td>
<td>Co-Founder</td>
<td>Global Restoration Collaborative</td>
</tr>
<tr>
<td>Robert Beschta, Ph.D.</td>
<td>Professor Emeritus</td>
<td>Oregon State University</td>
</tr>
<tr>
<td>Jeff Beane, Ph.D.</td>
<td>Curator of Herpetology</td>
<td>NC State Museum of Natural Sciences</td>
</tr>
<tr>
<td>Craig Benkman, Ph.D.</td>
<td>Professor Emeritus</td>
<td>University of Wyoming</td>
</tr>
<tr>
<td>Logan Berner, Ph.D.</td>
<td>Asst. Research Professor Forest Ecology</td>
<td>Northern Arizona University</td>
</tr>
<tr>
<td>Danielle M. Berardi, Ph.D.</td>
<td>Postdoc. Research Assoc. Forest Ecology</td>
<td>University of Wyoming</td>
</tr>
<tr>
<td>Harvey Blankespoor, Ph.D.</td>
<td></td>
<td>1991 National CASE professor of the year (Retired)</td>
</tr>
<tr>
<td>James Blauth, Ph.D.</td>
<td>Professor of Biology</td>
<td>University of Redlands</td>
</tr>
<tr>
<td>Brian Bodenbender, Ph.D.</td>
<td>Professor of Geology &amp; Environmental Science</td>
<td>Hope College</td>
</tr>
<tr>
<td>Monica Bond, Ph.D.</td>
<td>Principal Scientist</td>
<td>Wild Natural Institute</td>
</tr>
<tr>
<td>Jim Boone, Ph.D.</td>
<td>Senior Scientist</td>
<td>Desert Wildlife Consultants, LLC</td>
</tr>
<tr>
<td>Mary S. Booth, Ph.D.</td>
<td>Director</td>
<td>Partnership for Policy Integrity</td>
</tr>
<tr>
<td>William Bromer, Ph.D.</td>
<td>Professor Emeritus of Biology</td>
<td>University of St Francis</td>
</tr>
<tr>
<td>Barbara Brower, Ph.D.</td>
<td>Emerita Professor of Geography</td>
<td>Portland State University</td>
</tr>
<tr>
<td>Paul Butler, Ph.D.</td>
<td>Emeritus Faculty Member</td>
<td>Geoscience</td>
</tr>
<tr>
<td>Alan Cady, Ph.D.</td>
<td>Professor of Biology</td>
<td>Miami University</td>
</tr>
<tr>
<td>Philip Cantino, Ph.D.</td>
<td>Professor Emeritus</td>
<td>Ohio University</td>
</tr>
<tr>
<td>Bobb Carson, Ph.D.</td>
<td>Professor- and Dean-Emeritus</td>
<td>Lehigh University</td>
</tr>
</tbody>
</table>
Donna Cassidy-Hanley, Ph.D.
Senior Research Associate
Cornell University

Donald Charles, Ph.D.
Senior Scientist
Drexel University

John Cigliano, Ph.D.
Professor of Biology
Cedar Crest College

Raymond Clarke, Ph.D.
Professor emeritus
Sarah Lawrence College

Malcolm Cleaveland, Ph.D.
Professor Emeritus
U. of Arkansas-Fayetteville

David P. Craig, Ph.D.
Professor of Biology
Willamette University

Patrick Crist, Ph.D.
Principal
PlanIt Forward LLC

John M. DeCicco, Ph.D.
Research Professor Emeritus
University of Michigan

Alan Dickman, Ph.D.
Professor Emeritus
Retired, University of Oregon

Ken Driese, Ph.D.
Emeritus Lecturer
University of Wyoming

Steve Dudgeon, Ph.D.
Professor of Biology
California State University, Northridge

Jonathan Evans, Ph.D.
Professor of Biology
University of the South

Daniel Fisher, Ph.D.
Professor Emeritus
University of Michigan

Johannes Foufopoulos, Ph.D.
Associate Professor
University of Michigan

Jennifer A. Francis, Ph.D.
Senior Scientist
Woodwell Climate Research Ctr.

Jerry Freilich, Ph.D.
Research Coordinator
National Park Service (retired)

Jennifer Frey, Ph.D.
Professor
New Mexico State University

Jed Fuhrman, Ph.D.
Professor
University of Southern California

Peter Frumhoff
Senior Science Policy Advisor
Woodwell Climate Research Center

Daniel Gavin, Ph.D.
Professor
University of Oregon

Nick Gayeski, Ph.D.
Fisheries Scientist
Wild Fish Conservancy

John Gerwin, Ph.D.
Research Curator, Ornithology
NC Museum of Natural Sciences

Deborah A. Giles, Ph.D.
Science & Research Director
Wild Orca

Scott Goetz, Ph.D.
Regents Professor
Northern Arizona University

Steven Green, Ph.D.
Senior Professor Emeritus
University of Miami

Gregory Grether, Ph.D.
Professor
UCLA
Jon Grinnell, Ph.D.  
Uhler Chair in Biology  
Gustavus Adolphus College

Robert E. Gresswell, Ph.D.  
Research Scientist, Emeritus  
US Geological Survey

Gary Grossman, Ph.D.  
Professor Emeritus  
University of Georgia

Tara W. Hudiburg, Ph.D.  
Assoc. Professor, Coll. Natural Resources, U-Idaho  
Dir. Institute for Innovative Climate Solutions

Chad Hanson, Ph.D.  
John Muir Project  
Director and Principal Ecologist

Cheryl Harding, Ph.D.  
Professor Emerita  
Hunter College, City University of New York

John Harte, Ph.D.  
Professor Emeritus  
University of California, Berkeley

Robert M. Hughes, Ph.D.  
Senior Research Scientist  
Amnis Opes Institute, Oregon

Robert Heath, Ph.D.  
Professor Emeritus  
Kent State University

Kenneth Helms, Ph.D.  
Research Affiliate  
University of Vermont

Karen Holl, Ph.D.  
Professor of Environmental Studies  
University of California, Santa Cruz

Glenn K. Bush, Ph.D.  
Environmental Economist  
Woodwell Climate Research Center

Richard Holmes, Ph.D.  
Professor Emeritus of Biological Sciences  
Dartmouth College

Elizabeth Horvath, Ph. D  
Associate Professor, Biology  
Westmont College

Edward Huang, Ph.D.  
Principal Researcher  
Inst. for a Sustainable Earth

Malcolm Hunter, Ph.D.  
Professor of Wildlife Ecology  
University of Maine

David Inouye, Ph.D.  
Professor Emeritus  
University of Maryland

Charles Janson, Ph.D.  
Professor Emeritus  
The University of Montana

Daniel Janzen, Ph.D.  
Professor Emeritus of Biodiversity Ecology  
University of Pennsylvania

Mitchell Johns, Ph.D.  
Professor Emeritus of Soil and Plant Science  
California State University Chico

Harrison Jones, Ph.D.  
Southwest Avian Ecologist  
The Institute for Bird Populations

Jay Jones, Ph.D.  
Professor Emeritus Biology, Biochemistry  
University of La Verne

Jacob Kann, Ph.D.  
Research Aquatic Ecologist  
Aquatic Ecosystem Sciences LLC

David Karowe, Ph.D.  
Professor of Biological Sciences  
Western Michigan University

Sterling Keeley, Ph.D.  
Professor of Botany Emerita  
University of Hawaii

Pushker A. Kharecha, PhD  
Climate Scientist & Deputy Director  
Climate Science, Awareness, & Solutions  
Columbia University Earth Institute
Bruce Kirchoff, Ph.D.
Emeritus Professor
UNC Greensboro

John Kirkley, Ph.D.
Emeritus Professor of Biology
University of Montana – Westen

John Kloetzel, Ph.D.
Retired biologist
UMBC

Jason Koontz, Ph.D.
Professor of Biology and Environmental Studies
Augustana College

Dana Krempels, Ph.D.
Senior Lecturer
University of Miami

Flora Krivak-Tetley, Ph.D.
Lecturer and Researcher
Dartmouth College

Janet Kubler, Ph.D.
Biologist
California State University, Northridge

Andréa L. Kuchy, Ph.D.
Conservation Scientist
Wild Heritage, Project of Earth Island Institute

Sam L. Davis, Ph.D.
Partnership for Policy Integrity
PFPI

Stephen La Dochy, Ph.D
Professor Emeritus
CSULA

Rick Landenberger, Ph.D.
Associate Professor
West Virginia University

Derek Lee, Ph.D.
Principal Scientist
Wild Natural Institute, Pennsylvania State Univ.

Laurel Lynch, Ph.D.
Asst. Professor, Dept Soil & Water Systems
University of Idaho

Jason A. Lillegraven, Ph.D.
Retired
Depts, Geology and Zoology

Brian Linkhart, Ph. D
Biology Professor
Colorado College

Margaret Lowman, Ph.D.
Executive Director, TREE Foundation
National Geographic Explorer

James Marden, Ph. D
Professor of Biology
Penn State University

Janet Marsden, Ph. D.
Research Fellow
Syracuse University

Travis Marsico, Ph. D
Vice Provost
Arkansas State University

Susan A. Masino, Ph.D.
Professor of Applied Science
Trinity College

Dave McWethy, Ph.D.
Assoc. Professor, Dept. Earth Sciences
Montana State University

Robert Meese, Ph. D.
Staff Research Associate IV
U.C. Davis - retired

Douglas Meikle, Ph.D.
Professor of Biology
Miami University

Anthony Metcalf, Ph.D.
Professor of Biology
CSUSB

David Mildrexler, Ph.D.
Systems Ecologist
Eastern Oregon Legacy Lands

Justin M. Mathias, Ph.D.
Assistant Professor, Dept. Biology
West Virginia University

Molly Morris, Ph.D.
Professor
Ohio University
John C. Morse, Ph.D.
Professor Emeritus
Clemson University

Greg Murray, Ph.D.
T. Elliot Weier Prof. Emeritus of Plant Science
Hope College

Chris Myers, Ph.D.
Professor
Miami University

Philip Myers, Ph.D.
Professor Emeritus
University of Michigan

Dhruba Naug, Ph. D
Professor
Colorado State University

Gretchen North, Ph. D
Professor of Biology
Occidental College

Gustav Paulay, Ph. D
Professor
University of Florida

Steve Paulsen, Ph.D.
Aquatic Ecologist, retired
US EPA

Timothy Pearce, Ph. D.
Head of Mollusks
Carnegie Museum of Natural History

Roger Powell, Ph. D
Professor Emeritus
North Carolina State University

Thomas Power, Ph. D
Professor Emeritus, Economics
University of Montana

Jessica Pratt, Ph. D
Professor of Ecology & Evolutionary Biology
University of California, Irvine

Nancy Pullen, Ph. D
Professor
Kennesaw State University

Robert Pyle, Ph. D.
Founder
The Xerces Society

James Quinn, Ph. D
Professor Emeritus
Rutgers University

Gurcharan Rahi, Ph. D
Physical Sciences Professor (retired)
Fayetteville State University

John Ratti, Ph. D
Professor and Research Scientist, Ret.
University of Idaho

Paul Rogers, Ph. D
Director, Adjunct Professor
Western Aspen Alliance, Utah State Univ.

Brendan Rogers, Ph.D.
Senior Scientist
Woodward Climate Research Ctr.

Steven Rogstad, Ph. D
Professor (Botany, Emeritus)
University of Cincinnati

Juliette Rooney-Varga, Ph. D
Professor
University of Massachusetts Lowell

Amy Rossmam, Ph. D.
Research Leader (retired)
USDA Agriculture Research Service

William H Russell, Ph.D.
Professor of Environmental Studies
San Jose State University

Robin Salter, Ph. D
Professor Emeritus
Oberlin College

James Saracco, Ph. D
Research Ecologist
The Institute for Bird Populations

Sassan Saatchi, Ph.D.
Adjunct Professor
Institute of Environment & Sustainability
University of California, Los Angeles
CEO CTrees.org
Melissa Savage, Ph. D
Associate Professor Emerita
UCLA

Paul Schaeffer, Ph.D.
Professor, Dept. Biology
Miami University

Paula Schiffman, Ph.D.
Professor of Biology
California State University, Northridge

Joshua Schimel, Ph.D.
Distinguished Professor
Univ. California Santa Barbara

Christopher R Schwalm, Ph.D.
Senior Scientist
Woodwell Climate Research Center

James A. Schmid, Ph.D.
President
Schmid & Co., Inc., Consulting Ecologists

Christopher Still, Ph.D.
Professor of Forest Ecosystem Sci.
Oregon State University

Tania Schoennagel, Ph.D
Research Scientist
University of Colorado-Boulder

Walter Shriner, Ph.D
Professor of Natural Resources Technology
Mt. Hood Community College

Herman Shugart, Ph.D
W.W. Corcoran Professor of Natural History
University of Virginia

Thomas D. Sisk, Ph.D.
Professor Emeritus
Northern Arizona University

Wayne Spencer, Ph.D.
Chief Scientist Emeritus
Conservation Biology Institute

Timothy Spira, Ph.D.
Emeritus Professor Botany
Clemson University

Trygve Steen, Ph.D.
Professor, ESM Dept.
Portland State University

Mark Steer, Ph.D.
Associate Professor
University of the West of England

Julia Steinberger, Ph.D.
Professor, Inst. of Geography & Sustainability
University of Lausanne

Sandra Steingraber, Ph.D.
Senior Scientist
Science and Environmental Health Network

Alan Stemler, Ph.D.
Professor Emeritus
UC-Davis

James Strittholt, Ph.D.
Chief Scientist
Conservation Biology Institute

Alexandra Syphard, Ph. D
Senior Research Ecologist
Conservation Biology Institute

Melanie Szulczewski, Ph. D
Associate Professor of Environmental Science
University of Mary Washington

John Talberth, Ph.D.
President and Senior Economist
Center for Sustainable Economy

Tamara Ticktin, Ph.D.
Professor of Botany
University of Hawai‘i at Manoa

Richard B. Thomas, Ph.D.
Professor of Biology
West Virginia University

Walter Tschinkel, Ph.D.
Professor Emeritus
Florida State University
<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Tyler, Ph.D.</td>
<td>Professor Emerita</td>
<td>University of Maine</td>
</tr>
<tr>
<td>Greg Walker, Ph.D.</td>
<td>Emeritus Professor</td>
<td>University of California Riverside</td>
</tr>
<tr>
<td>Wayne Walker, Ph.D.</td>
<td>Chief Scientific Officer</td>
<td>Woodwell Climate Research Center</td>
</tr>
<tr>
<td>Donald Waller, Ph.D.</td>
<td>Professor (retired)</td>
<td>Univ. of Wisconsin - Madison</td>
</tr>
<tr>
<td>Glenn Walsberg, Ph.D.</td>
<td>Professor Emeritus</td>
<td>Arizona State University</td>
</tr>
<tr>
<td>Susan M. Natali</td>
<td>Senior Scientist</td>
<td>Woodwell Climate Research Ctr.</td>
</tr>
<tr>
<td>Judith Weis, Ph.D.</td>
<td>Professor Emerita</td>
<td>Rutgers University</td>
</tr>
<tr>
<td>Sue Wick, Ph.D.</td>
<td>Professor Emerita</td>
<td>University of Minnesota</td>
</tr>
<tr>
<td>Susan Willson, Ph.D.</td>
<td>Assoc. Professor of Biology</td>
<td>St. Lawrence University</td>
</tr>
<tr>
<td>Shaye Wolf, Ph.D.</td>
<td>Climate Science Director</td>
<td>Center for Biological Diversity</td>
</tr>
<tr>
<td>Peter Wood, Ph.D.</td>
<td>Lecturer, Faculty of Forestry</td>
<td>UBC</td>
</tr>
<tr>
<td>Kimberly A. Novik, Ph.D.</td>
<td>Professor, O’Neill School of Public and Environmental Affairs</td>
<td>Indiana University - Bloomington</td>
</tr>
</tbody>
</table>

*Affiliations are for identification only and do not reflect the views of the organization.*