111 Scientists Call on Biden Administration to Make Tongass Temperate Rainforest first entry into a nationwide carbon reserve system for all the nation’s older forests

To: The Honorable Gina McCarthy, White House National Climate Advisor
   The Honorable Ali A. Zaidi, Deputy White House National Climate Advisor
   regina.a.mccarthy@who.eop.gov; ali.a.zaidi@who.eop.gov

Date: March 17, 2020

As scientists with backgrounds in natural resources, climate change, forest carbon, biodiversity natural resource economics, and medicine we write to express our strong support for the Biden Administration’s development of Nationally Determined Contributions (NDCs) for the upcoming United Nations COP26. We request that the NDCs comply with Article 5 of the Paris Agreement by protecting the nation’s carbon dense mature forest ecosystems (“carbon reservoirs”) in a strategic natural carbon reserve on federal lands. To begin this process, we ask specifically that all old-growth forests and roadless areas on the Tongass National Forest in southeast Alaska be a central part of the administration’s NDC commitments and the first entry into the strategic carbon reserve system for protecting remaining older forests on federal lands nationwide.

The 16.8 million-acre Tongass National Forest is the crown jewel of the national forest system and is the recognized national champion in storing the equivalent of some 8% of all US forest carbon. The Tongass is one of the world’s last remaining relatively intact temperate rainforests that supports a robust tourism and fishing economy, including the provision of abundant salmon, deer, and cultural resources for Indigenous Peoples. Because of its northern coastal distribution, the Tongass is likely to function as a “climate sanctuary,” in contrast to interior Alaska that is experiencing one of the fastest rates of climate change on the planet. Protecting climate sanctuaries like the Tongass is a crucial step toward maintaining the nations’ most important ecosystem services and biodiversity increasingly at-risk.

The Tongass is also the only national forest where industrial logging of old-growth forests continues apace despite overwhelming public and tribal opposition. Tongass logging and road building costs the American taxpayer some $600 million over two decades. Despite these costs, the Trump Administration recently rescinded 9.3 million acres of roadless area protections that would allow road building and logging of some 186,000 acres of the largest, oldest trees. Such targeted logging would, according to one estimate, result in the equivalent emissions of ~10 million vehicles on Alaska’s roadways, a clear defiance of the warnings to humanity from thousands of scientists regarding escalating climate and biodiversity calamities. In sum, we have

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6. https://nam04.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.taxpayer.net%2Fenergy%2Fnew-report-taxpayers-losing-hundreds-of-millions-of-dollars-on-tongass-timber-sales-over-last-two-decades%2F&data=04%7C01%7C15ed42e540e51=seattletimes.com%7Cccee3e14fe4a4ca76708d895697db%7Cfc2b47667f0473d82be0a89fd99855%7C0%7C637423627615324626%7Cunknown%7C0%7C637423627615324626%7Cunknown%7C17WfpgZhb3d8eyJWJoj0CM4wLjAaMDAlJCQjiojV2uMZliJCJBTil6lk1haWwiLCJXVCI6Mn0%3D%7C2000&sdata=YXnxLis3y%2F9nuHbEESSmnvmv2beuwfSoSywXPvJ7f6M%3D&reserved=0
precious little time before ecosystems and the climate are pushed beyond the point of no return that according to a recent United Nations report\(^9\) will impact all citizens on the planet, including the grim prospect of contributing to more global pandemics as wild areas are increasingly developed and more zoonotic diseases released\(^10\).

We urge that you demonstrate global leadership on the importance of including the nation’s remaining carbon dense, natural, and intact areas in a system-wide reserve network that would begin with the Tongass in the NDCs. Doing so, would also demonstrate progress towards the administration’s commitment to protect 30 percent of all lands and waters by 2030.

Sincerely (*affiliations for identification purposes only),

Dominick A. DellaSala, Ph. D  
Chief Scientist, Wild Heritage  
Talent, OR

James R. Stritholt, Ph. D  
President/Ex Director, Conservation Biol. Inst.  
Corvallis, OR

James R. Karr, Ph. D, Emeritus Prof.  
University of Washington, Seattle, WA

Malcolm L. Hunter, Jr. Ph. D  
University of Maine, Orono, ME

Dennis Murphy, Ph. D, Prof.  
Ecology, Evol., Conservation Biology  
University of Nevada, Reno, NV

Richard T. Holmes, Ph. D. Emeritus Prof.  
Dartmouth College  
Hanover, NH

Thomas T. Veblen, Ph. D, Distinguished Prof., University of Colorado, Boulder, CO

Barry R. Noon, Emeritus Prof.  
Colorado State University, Ft. Collins, CO

Kai M.A. Chan, Prof., lead author IPBES  
Connecting Human & Natural Systems  
University of British Columbia, Vancouver

William J. Ripple, Ph. D  
Endowed Chair and Distinguished Prof.  
Oregon State University, Corvallis, OR

Jason A. Koontz, Ph. D  
Professor of Biology  
Co-Chair Environ. Studies Program  
Augustana College, Rock Island, IL

Reed F. Noss, Ph. D, President  
Florida Institute for Conservation Science  
Melrose, FL

Jon Grinnell, Ph. D  
Francis Morley Chair in Biology  
St. Peter, MN

Brian Linkhart, Ph. D, Professor  
Dept. Organismal Biology & Ecology  
Colorado College, Colorado Springs, CO

Timothy A. Pearce, Ph. D  
Curator: Carnegie Museum Natural Hist.  
Pittsburg, PA

William L. Baker, Ph. D, Emeritus Prof.  
Program Ecology, University of Wyoming  
Laramie, WY

Gregory M. Huey, R.E.P

William D. Anderson, Jr., Ph. D, Emeritus Prof.

\(^9\) [https://www.unep.org/resources/making-peace-nature](https://www.unep.org/resources/making-peace-nature)

\(^10\) [https://newrepublic.com/article/157361/public-health-depends-healthy-planet](https://newrepublic.com/article/157361/public-health-depends-healthy-planet)
Environ. Project Lead
U.S. Army Garrison, Kwajalein Atoll

Mitchell M. Johns, Ph. D, Emeritus Prof.
College of Agriculture
California State University, Chico, CA

Robert L. Beschta, Ph. D. Emeritus Prof.
Forest Ecosystems and Society
Oregon State University, Corvallis, OR

Don M. Waller, Ph. D, Emeritus Prof.
University of Wisconsin
Madison, WI

John Robinson, Ph. D
J.L Tweedy Chair in Conservation
Wildlife Conservation Society
Bronx, NY

James Quinn, Ph. D, Emeritus Prof.
Rutgers University, NJ

Michael W. Fox, BVetMed, Ph. D
Consultant Veterinarian, Minneapolis, MN

Bobb Carson, Emeritus Prof.
Earth & Environmental Sciences
Lehigh Univ., Bethlehem, PA

Terry L. Root, Ph. D
Senior Fellow Emerita
Stanford Woods Insti. Environ.
Stanford University, CA

David F. Whitacre, Ph. D, Wildlife
Treasure Valley Math/Sci Center
Boise, ID

Jessica Pratt, Ph. D, Assoc. Prof.
University of California, Irvine

Robert Summerfelt, Ph. D, Emeritus Prof.
Dept. Natural Resource Ecology & Mgmt.
Iowa State University, Ames

Grice Marine Biology Laboratory
College of Charleston, SC

John Ratti, Ph. D
University of Idaho, Moscow, ID

Bruce G. Baldwin, Ph. D, Professor
Integrative Biology & Curator Jepson Herb.
University of California, Berkeley, CA

Philip Myers, Ph. D, Emeritus Prof.
University of Michigan, Ann Arbor, MI

Garry Rogers, Ph. D, President
Agua Ria Open Space Alliance, Inc.
Humboldt, AZ

John W. Schoen, Ph. D, Wildlife Ecol.
Anchorag, AK

Gretchen B. North, Ph. D, Prof. Biol.
Occidental College, Los Angeles, CA

Gary D. Grossman, Ph. D
Fellow Am. Fisheries Soc., Linnean Soc.
Athens, GA

David Karowe, Ph. D, Prof. Biol. Sci.
Western Michigan University, Kalamazoo, MI

Stephen T. Tettelbach, Ph. D, Emeritus Prof.
Long Island University, NY

Faisal Moola, Ph. D. Assoc. Prof.
Dept. Geograp., Environ., Geomatics, Guelph, CAN

Robert T. Heath, Ph. D, Dir. Emeritus
Water Resources Research Inst.
Kent State University, OH
Paula M. Schiffman, Ph. D, Prof. Biol.
California State University, Northridge

Carlos Carroll, Ph. D
Klamath Center for Conserv. Research
Orleans, CA

Peter B. Moyle, Ph. D, Emeritus Prof.
University of California, Davis

Robert M. Pyle, Ph. D
Xerces Society, Gray’s River, WA

Robert Huber, Ph. D, Biol. Sci.
Bowling Green State University, OH

Roger A Powell, Ph. D
Dept. Applied Ecology
North Carolina State Univ. Ely, MN

University of Florida, Gainesville

Scott Hoffman Black, M.S
Executive Director, Xerces Society
Portland, OR

Philip D. Cantino, Ph. D
Dept. of Environ. & Plant Biol.
Ohio University, Athens

Thomas L. Fleischner, Ph. D
Executive Director, Natural History Inst.
Prescott, Arizona

M. Henry H. Stevens, Ph. D, Assoc. Prof.
Miami University, OH

F. Stuart Chapin, III Ph. D, Emeritus Prof.
Institute of Arctic Biology, Univ. Fairbanks
Fairbanks, AK

Darlene Chirman, MS Ecology
University of California, Davis, CA

Thomas M. Power, Prof. Emeritus
Economics Dept. University Montana, Missoula

Melissa Savage, Ph. D, Emerita Prof.
University of California, Los Angeles

Wayne D. Spencer, Ph. D, Chief Scientist
Conservation Biology Institute, Corvallis, OR

March Lapin, Ph. D, Associate Prof. & Ecologist
Middlebury College, VT

Craig W. Benkman, Ph. D, Prof. Zoology & Phys.
University of Wyoming, Laramie

Richard Bradley, Ph. D, Assoc. Prof. Emeritus
Evolution, Ecology, & Organismal Biology
The Ohio State University, Columbus

John Harte, Ph. D, Ecosystem Sciences
University of California, Berkeley, CA

Amy Moas, Ph. D
Senior Climate Campaigner, Greenpeace
Washington, D.C

Karen Holl, Ph. D, Prof. Enviro. Studies
University of California, Santa Cruz

Erik Asphaug, Ph. D
University of Arizona, Tempe

Hartwell Welsh, Ph. D, Wildlife Ecologist
Arcata, CA

Edward Huang, Ph. D, Principal
California Institute of Environ. Design
Arcadia, CA

Jay H. Jones, Ph. D, Prof. Biology & Biochem.
University of La Verne, La Verne, CA
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Johns, JD, Ph. D</td>
<td>Hatfield School of Government, Portland State University, Portland, OR</td>
</tr>
<tr>
<td>Paul Schaeffer, Assoc. Prof. Biology</td>
<td>Miami University, Oxford, OH</td>
</tr>
<tr>
<td>Roger Rosentreter, Ph. D, Botanist</td>
<td>Boise State University, Boise, ID</td>
</tr>
<tr>
<td>Theodora Tsongas, Ph. D</td>
<td>Oregon Physicians for Social Responsibility, Portland, OR</td>
</tr>
<tr>
<td>James Catlin, Ph. D Emeritus</td>
<td>Wild Utah Project, Salt Lake City, UT</td>
</tr>
<tr>
<td>Catherine Thomasson, MD</td>
<td>Physicians for Social Responsibility, Portland, OR</td>
</tr>
<tr>
<td>Timothy Ingalsbee, Ph. D, Ex. Dir.</td>
<td>Firefighters United for Safety, Ethics, Ecology (FUSEE), Eugene, OR</td>
</tr>
<tr>
<td>David J. Cowen, Distinguished Emeritus Prof. Assoc. Member National Academy of Sciences</td>
<td>Columbia, SC</td>
</tr>
<tr>
<td>Ceal Smith, M.S, Res. Policy Analyst</td>
<td>Alaska Institute for Climate and Energy, Homer, AK</td>
</tr>
<tr>
<td>Zach Brown, Ph. D, Tides Institute</td>
<td>Gustavus, AK</td>
</tr>
<tr>
<td>Michael Goodchild, Ph. D, Emeritus Prof.</td>
<td>University California, Santa Barbara, CA</td>
</tr>
<tr>
<td>Frank Lance Craighead, Ph. D</td>
<td>Ex. Director, Craighead Institute, Bozeman, MT</td>
</tr>
<tr>
<td>John Talberth, Ph. D, Pres. &amp; Senior Economist Center for Sustainable Economy</td>
<td>West Linn, OR</td>
</tr>
<tr>
<td>Judith Well, Ph. D, Ecologist</td>
<td>Rutgers University, NJ</td>
</tr>
<tr>
<td>John R. Cannon, Ph. D</td>
<td>Conservation Biologist, Front Royal, VA</td>
</tr>
<tr>
<td>Travis D. Marsico, Ph. D, Prof.</td>
<td>Curator, Arkansas State Univ. Herbarium, Arkansas State University, AR</td>
</tr>
<tr>
<td>Jon Evans, Ph. D, Prof. Biology</td>
<td>The University of the South, Sewanee, TN</td>
</tr>
<tr>
<td>Ken Driese, Ph. D, Program Director</td>
<td>University of Wyoming, Laramie, WY</td>
</tr>
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