International Scientists’ Call for Action to Protect Endangered Temperate Rainforests of British Columbia, Canada

The world’s remaining primary (unlogged) and intact forest landscapes support an exceptional confluence of globally significant environmental values. These include imperilled biodiversity, exceptional forest biomass\(^1\), climate resilience\(^2\), and diverse ecosystem and cultural services such as carbon sequestration and storage, water provision, Indigenous Peoples’ cultures and maintenance of human health.\(^3\)

Few of the Earth’s forest ecosystems are rarer and hold more ecological value than temperate rainforests. They constitute only about 2.5 percent of the earth’s forests but are exceptionally important. British Columbia’s coastal temperate rainforests represent over one quarter of this total\(^4\), and its inland rainforests are one of only two such areas world-wide\(^5\). Maintaining older forests as carbon sinks in British Columbia would contribute to Canada’s overall commitments to the Paris Climate Change Agreement while providing additional ecosystem benefits in the form of clean water, recreation, First Nations cultural values, and biodiversity\(^6\). In fact, temperate rainforests in British Columbia contain substantial stores of carbon at the landscape and regional scales.\(^7\)

As scientists, we therefore urge the British Columbia government to recognize the global significance of the remaining primary and intact coastal and inland temperate rainforests of the province by protecting their unique global attributes from industrial logging and development.

In contrast to the Great Bear Rainforest and Haida Gwaii, where ecological integrity of rainforest ecosystems is being maintained through protected areas and Ecosystem-Based Management, the level of conservation for BC rainforest ecosystems is inadequate across the remainder of the province. Through most of the province, primary and intact forest landscapes have been reduced to a fraction of their original extent and are being logged at a rapid pace particularly on Vancouver Island, the South Coast, and the inland rainforest region\(^8\).

Ongoing logging of old-growth, currently more than 10,000 hectares per year on Vancouver Island alone\(^9\), is resulting in even higher ecological risk for flora and fauna, now exacerbated by increasingly

---


https://sierrachub.bc.ca/vancouver-island-old-growth-logging-increased-more-than-10-per-cent-in-2016/
severe climate change impacts such as extended drought conditions, extreme rainfall and stronger storms. Only a small portion of productive old-growth forest remains on Vancouver Island and the majority is still unprotected.\textsuperscript{10} The conversion of old-growth temperate rainforests to plantations results in release of a substantial amount of the stored carbon\textsuperscript{11}, as well as a reduction in the overall carbon stored over the long term because managed forests are only grown to rotation age\textsuperscript{12}.

The rapid pace of logging and the threat of climate change means that our generation has a historic responsibility to make a difference for the fate of the remaining primary rainforests of BC and their irreplaceable values. Furthermore, old-growth forests, late seral climate refugia, and undeveloped landscapes have critical roles to play in developing strategies for enhancing ecosystem resilience in a changing climate.

Importantly, in 2016, the BC government and First Nations inspired the world by implementing the Great Bear Rainforest Agreements.\textsuperscript{13} However, given the global importance of British Columbia’s rainforest biodiversity and the imminent threats posed to the highly endangered remaining primary and intact forest landscapes, we urge the BC government to follow through with its promise to modernize land-use plans in partnership with First Nations and communities, and protect BC’s primary forests, taking an evidence-based scientific approach including protection for critical areas imminently threatened from logging\textsuperscript{14}. We hope the province will once again show leadership and seek conservation solutions for all of BC’s globally rare and endangered primary and intact forest landscapes, combined with support for First Nations land use planning, compatible economic activities and long-term forestry jobs in improved second-growth forest management.

\textsuperscript{10} https://sierraclub.bc.ca/white-rhino-map-shows-vancouver-islands-most-endangered-old-growth-rainforests/
\textsuperscript{14} 2017 NDP Platform, page 61: “In partnership with First Nations and communities, we will modernize land-use planning to effectively and sustainably manage BC’s ecosystems, rivers, lakes, watersheds, forests and old growth, while accounting for cumulative effects. We will take an evidence-based scientific approach and use the ecosystem-based management of the Great Bear Rainforest as a model.” https://www.bcndp.ca/sites/default/files/platform-book-v2-updated.pdf
Signed,
(Affiliations listed for identification purposes only)

Dominick A. DellaSala, Ph. D., Chief Scientist
Geos Institute, Ashland, Oregon

Nancy J. Turner, Ph. D., Professor
Univ. of Victoria, Canada

Jay Malcolm, Ph. D., Professor Forestry
University of Toronto, Canada

Darwyn Coxson, Ph. D., Professor
University Northern BC, Prince George, Canada

Brendan Mackey, Ph. D., Director
Griffith Climate Change Response Program
Gold Coast Campus, Australia

Michelle Connolly, M.S., Director
Conservation North, Prince George, Canada

Ken Lertzman, Ph. D., Professor
Simon Fraser University, BC, Canada

Faisal Moola, Ph. D., Assoc. Professor Dept. Geology
University of Guelph, Ontario, Canada

Art L. Fredeen, Ph. D., Professor Ecosystem Science & Mgmt
Univ. Northern BC, Prince George, Canada

Sandy M. Smith, Ph. D., Professor Forest Health
University of Toronto, Canada

Barbara Zimmerman, Ph. D., Director
Intern. Conservation Fund Canada, Enviro Defense Fund, Canada

Cyril Kormos, M.S., Director
IntAct: International Action for Primary Forests, San Francisco, California

Yngvar Gauslaa, Ph. D., Professor Natural Resources
Norwegian University of Life Sciences, Norway

Thomas Lovejoy, Ph. D., Senior Fellow
George Mason University, UN Foundation, Washington DC

Andy MacKinnon, Ph.D., Adjunct Professor
Simon Fraser University, Burnaby, BC, Canada
Additional Signers

Paul Alaback, Ph. D.
Professor Emeritus
University of Montana
Missoula, MT

Kayce Anderson, Ph. D.
Director
For the Good
Glenwood Springs, CO

Steven Anderson, Ph. D.
Prof. Emeritus of Biology
University of the Pacific
Stockton, CA

Daniel Anstett, Ph. D.
Postdoctoral Fellow
University of British Columbia
Vancouver, British Columbia

Marie Auger-Methe, Ph. D.
Assistant Professor
University of British Columbia
Vancouver, British Columbia

Richard Baker, Ph. D.
Professor Emeritus
University of Iowa
Iowa City, IA

William Baker, Ph. D.
Professor Emeritus
Program in Ecology, Univ. of Wyoming
Laramie, WY

Bruce Baldwin, Ph. D.
Professor
University of California, Berkeley
Berkeley, CA

Michael Baranski, Ph. D.
Emeritus Professor of Biology
Catawba College
Salisbury, NC

Frank Barnwell, Ph. D.
Professor Emeritus
University of Minnesota
St. Paul, MN

Paul Bartelt, Ph. D.
Professor & Research Ecologist
Waldorf University
Forest City, IA

Constance Dustin Becker, Ph. D.
Co-Director
Life Net Nature
Willcox, AZ

Craig Benkman, Ph. D.
Professor
University of Wyoming
Laramie, WY

Michael V L Bennett, Ph. D.
Professor of Neuroscience
Albert Einstein College of Medicine
Bronx, NY

David J. Berg, Ph. D.
Professor of Biology
Miami University
Oxford, OH

Leslie Bishop, Ph. D.
Professor Emeritus
Earlham College
Nashville, IN
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott Black, M.S.</td>
<td>Executive Director</td>
<td>Xerces Society</td>
</tr>
<tr>
<td>James Blauth, Ph. D.</td>
<td>Professor of Biology</td>
<td>University of Redlands</td>
</tr>
<tr>
<td>David Blockstein, Ph. D.</td>
<td>Chief Scientist</td>
<td>National Council for Sci. &amp; the Environment</td>
</tr>
<tr>
<td>Brian Bodenbender, Ph. D.</td>
<td>Prof. of Geology and Environmental Science</td>
<td>Hope College</td>
</tr>
<tr>
<td>Bazartseren Boldgiv, Ph. D.</td>
<td>Professor</td>
<td>National University of Mongolia</td>
</tr>
<tr>
<td>Brian Boom, Ph. D.</td>
<td>Vice President for Conservation Strategy</td>
<td>The New York Botanical Garden</td>
</tr>
<tr>
<td>Jim Boone, Ph. D.</td>
<td>Senior Scientist</td>
<td>Desert Wildlife Consultants, LLC</td>
</tr>
<tr>
<td>Brooke Boswell, M.S.</td>
<td>Research Program Manager</td>
<td>University of Northern British Columbia</td>
</tr>
<tr>
<td>Irwin Brodo, Ph. D.</td>
<td>Research Lichenologist Emeritus</td>
<td>Canadian Museum of Nature</td>
</tr>
<tr>
<td>Norah Brown, Ph. D.</td>
<td>Postdoctoral Fellow</td>
<td>University of Victoria</td>
</tr>
<tr>
<td>Brian Buma, Ph. D.</td>
<td>Assistant Professor</td>
<td>University of Alaska Southeast</td>
</tr>
<tr>
<td>Jenn Burt, M.S.</td>
<td>Ph.D. Candidate</td>
<td>Simon Fraser University</td>
</tr>
<tr>
<td>Ken Carloni, Ph. D.</td>
<td>Assoc. Professor/Science Dept. Chair</td>
<td>Umpqua Community College</td>
</tr>
<tr>
<td>Bobb Carson, Ph. D.</td>
<td>Professor and Dean Emeritus</td>
<td>Lehigh University</td>
</tr>
<tr>
<td>Donald Charles, Ph. D.</td>
<td>Senior Scientist</td>
<td>The Acad. of Natural Sci. of Drexel Univ.</td>
</tr>
<tr>
<td>Raymond Clarke, Ph. D.</td>
<td>Professor Emeritus</td>
<td>Sarah Lawrence College</td>
</tr>
<tr>
<td>Malcolm Cleaveland, Ph. D.</td>
<td>Emeritus Professor of Geosciences</td>
<td>University of Arkansas, Fayetteville</td>
</tr>
</tbody>
</table>

Portland, OR
Redlands, CA
Takoma Park, MD
Holland, MI
Ulaanbaatar, Mongolia
Bronx, NY
Las Vegas, NV
Edmonds, WA
Fayetteville, AR
Alexander Clifford, Ph. D.
Postdoctoral Fellow
University of British Columbia
Vancouver, British Columbia

Craig Downer, Ph.D. Cand.
Wildlife Ecologist
Andean Tapir Fund
Minden, NV

Kristina Cockle, Ph. D.
Research Scientist
National Sci. and Technical Research Council
Salta, Argentina

Mark Egger, B.S.
Science Educator & Research Associate
WTU Herbarium, Burke Museum
Seattle, WA

Shari Cohen, DVM
Casual Academic Staff
University of Melbourne
Melbourne, Victoria

Paul Ehrlich, Ph. D.
President, Center for Conservation Biology
Stanford University
Stanford, CA

Frank Lance Craighead, Ph. D.
Director, Craighead Institute.
Affiliate Prof. of Ecology, MT State Univ.
Bozeman, MT

Norman Ellstrand, Ph. D.
Distinguished Professor of Genetics
University of California, Riverside
Riverside, CA

Erin Crockett, M.S.
Ph.D. Candidate
McGill University
Montreal, Quebec

Steve Erickson,
Restoration Ecologist
Frosty Hollow Ecological Restoration
Langley, WA

Sam Davis, Ph. D.
Research Manager
Dogwood Alliance
Asheville, NC

Suzanne Estes, Ph. D.
Associate Professor of Biology
Portland State University
Portland, OR

Amy Denton, Ph. D.
Professor Biology
California State Univ., Channel Islands
Camarillo, CA

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

David DeSante, Ph. D.
President
The Institute for Bird Populations
Point Reyes Station, CA

Daniel Fisher, Ph. D.
Professor, Director
University of Michigan
Ann Arbor, MI

Dana Dolsen, M.S.
Founder/Owner
Natural Resources PRISM
Moscow, ID

Johannes Foufopoulos, Ph. D.
Associate Professor
University of Michigan
Ann Arbor, MI
Douglas Frederick, Ph. D.
Professor of Forestry
North Carolina State University
Raleigh, NC

Lee Frelich, Ph. D.
Director, Center for Forest Ecology
University of Minnesota
Minneapolis, MN

Evan Frost, M.S.
Conservation Biologist
Wildwood Consulting
Ashland, OR

Stephen W Fuller, Ph. D.
Professor Emeritus
University of Mary Washington
Fredericksburg, VA

Christine Peralta Gardiner, Ph. D.
Senior Scientist, Sustainable Ag. Systems
University of Mary Washington
Cave Junction, OR

Marrtin Gardner, DHE
Chair IUCN Conifer Specialist Group
Royal Botanic Garden Edinburgh
Edinburgh, Scotland

Barb Gass, M.S.
Vancouver, British Columbia

Lee Gass, Ph. D.
Professor Emeritus
University of British Columbia
Vancouver, British Columbia

Jennifer Gervais, Ph. D.
Wildlife Ecologist
Oregon Wildlife Institute
Corvallis, OR

Scott Goetz, Ph. D.
Professor
Northern Arizona University
Flagstaff, AZ

Antonio Gonzalez-Rodriguez, Ph. D.
Full Researcher
National Autonomous University of Mexico
Morelia, Mexico

Alys Granados, Ph. D.
Gunung palung orangutan project
Ketapang, Indonesia

David Gray, Ph. D.
Professor of Biology
California State University Northridge
Northridge, CA

Edward Gregr, Ph. D.
Adjunct Professor
University of British Columbia
Vancouver, British Columbia

Jon Grinnell, Ph. D.
Uhler Chair in Biology
Gustavus Adolphus College
Saint Peter, MN

Ed Grumbine, Ph. D.
Land and Conservation Director
Grand Canyon Trust
Flagstaff, AZ

Jared Grummer, Ph. D.
Postdoctoral Research Fellow
University of British Columbia
Vancouver, British Columbia

Vincent Gutschick, Ph. D.
Prof. of Biology, Emeritus
Las Cruces Academy and Global Change Consulting Consortium
Las Cruces, NM
Cheryl Harding, Ph. D.  
Professor Emeritus  
CUNY Hunter College  
Stanton, NJ

Betsy Herbert, Ph. D.  
Freelance writer  
Sempervirends Fund  
Corvallis, OR

Ingrid Hogle, M.S.  
Ecologist and GIS Consultant  
Private consultant  
Berkeley, CA

Richard Holmes, Ph. D.  
Professor Emeritus  
Dartmouth College  
Hanover, NH, NH

Paula Hood, M.S.  
Co-Director  
Blue Mountains Biodiversity Project  
Portland, OR

Edward Huang, Ph. D.  
Distinguished Professor  
CA Institute of Env. Design & Management  
Arcadia, CA

Malcolm Hunter, Ph. D.  
Professor  
University of Maine  
Amherst, ME

Marc and Alice Imlay, Ph. D.  
Conservation biologist  
Sierra Club Natural Places Chair  
Bryans Road, MD

Aerin Jacob, Ph. D.  
Conservation Scientist  
Yellowstone to Yukon Cons. Initiative  
Canmore, Alberta

David Janos, Ph. D.  
Professor Emeritus  
University of Miami  
Corvallis, OR

Gail Johnston, Ph. D.  
Professor of Biology  
Lindenwood University  
St. Charles, MS

Jay Jones, Ph. D.  
Pro. Biology and Biochemistry  
University of La Verne  
La Verne, CA

Alan Journet, Ph. D.  
Co-Facilitator  
Southeast Missouri State University  
Cape Girardeau, MS

Jacquelyn Kallunki, Ph. D.  
Curator Emerita  
The New York Botanical Garden  
Bronx, NY

Jacob Kann, Ph. D.  
Aquatic Ecologist  
Aquatic Ecosystem Sciences  
Ashland, OR

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

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

Sterling Keeley, Ph. D.  
Professor of Botany  
University of Hawaii  
Honolulu, HI
Maya R. Khosla, M.S.  
Wildlife Biologist  
Ecological Studies  
Rohnert Park, CA

Robin Wall Kimmerer, Ph. D.  
Distinguished Teaching Professor of Env.  
SUNY College of Env. Science and Forestry  
Syracuse, NY

Matthew Kirchhoff, M.S.  
Communications Director  
Alaska Fish and Game (retired)  
Anchorage, AK

Marni Koopman, Ph. D.  
Climate Change Scientist  
Geos Institute  
Ashland, OR

Fayette Krause, Ph. D.  
Retired  
The Nature Conservancy  
Pt. Townsend, WA

Alex Krevitz, M.A.  
Independent Biologist  
Independent Researcher  
Coarsegold, CA

Russell Lande, Ph. D.  
Emeritus Professor  
University of California, San Diego  
London, CA

Rick Landenberger, Ph. D.  
Science and Management Specialist  
West Virginia Land Trust  
Morgantown, WV

Jeri Langham, Ph. D.  
Professor Emeritus  
California State University  
Sacramento, CA

Marc Lapin, Ph. D.  
Laboratory Prof. and College Lands Cons.  
Middlebury College  
Middlebury, VT

Beverly Law, Ph. D.  
Prof. Global Change Biol. &Terrestrial Systems Science  
Oregon State University  
Corvallis, OR

Derek Lee, Ph. D.  
Professor  
Penn State University  
State College, PA

James Lendemer, Ph. D.  
Assistant Curator  
The New York Botanical Garden  
Bronx, NY

William Lidicker, Ph. D.  
Professor of Integrative Biology Emeritus  
University of California, Berkeley  
Berkeley, CA

Jason A. Lillegraven, Ph. D.  
Arts & Sciences Dist. Emeritus Professor  
University of Wyoming  
Laramie, WY

Darryl Lloyd, M.S.  
Retired  
Friends of Mount Adams  
Hood River, OR

Michael Loik, Ph. D.  
Professor  
University of California  
Santa Cruz, CA
Loys Maingon, Ph. D.
Senior Researcher
Strathcona Wilderness Institute
Courtenay, British Columbia

E. Charles Meslow, Ph. D.
Wildlife Research Supervisor
U S Fish & Wildlife Service (retired)
Corvallis, OR

Steven Manchester, Ph. D.
Professor
University of Florida
Gainesville, FL

Julie Messier, Ph. D.
Postdoctoral Researcher
University of Sherbrooke
Sherbrooke, Qc

Sandra Mardonovich, M.S.
Graduate Student
Miami University
Oxford, OH

Christina Mills, J.D.
Administrative Associate
Geos Institute
Ashland, OR

Janet Marsden, M.S.
Ph.D. Candidate
Syracuse University
Syracuse, NY

Matthew Mitchell, Ph. D.
Postdoctoral Research Fellow
University of British Columbia
Vancouver, British Columbia

Carl McDaniel, Ph. D.
Prof. of Biology Emeritus; Visiting Professor
RPI; Oberlin College
Oberlin, OH

Rob Mrowka, M.S.
Senior Scientist
Center for Biological Diversity
Franklinville, NY

Athena McKown, Ph. D.
University of British Columbia
Vancouver, British Columbia

John Mull, Ph. D.
Professor of Zoology
Weber State University
Ogden, UT

Gavin McNicol, Ph. D.
Postdoctoral Researcher
Alaska Coastal Rainforest Center
Juneau, AK

Peter Murphy, Ph. D.
Professor Emeritus
Michigan State University
East Lansing, MI

Gary Meffe, Ph. D.
Adjunct Professor, Retired
University of Florida
Brandon, VT

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

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

Knute Nadellhoffer, Ph. D.
Professor of Ecology & Evolutionary Biology
University of Michigan
Ann Arbor, MI
Wolf Naegeli, Ph. D.
Senior Research Scientist Emeritus
The University of Tennessee
Knoxville, TN

Charles R. Neal, B.S.
Ecologist, retired
US Dept. Interior, retired
Cody, WY

Jocelyn Nelson, M.S.
Nanaimo, British Columbia

William Newmark, Ph. D.
Research Curator
Natural History Museum of Utah
Salt Lake City, UT

Elliot Norse, Ph. D.
Author
Ancient Forests of the Pacific Northwest
Bellvue, WA

Reed Noss, Ph. D.
President and Chief Scientist
Florida Institute for Conservation Science
Chuluota, FL

Philip Nyhus, Ph. D.
Assoc. Prof and Director
Env Studies Program, Colby College
Waterville, ME

David Olson, Ph. D.
Conservation Biologist
Conservation Earth
Washington DC, DC

Johannsson Ora, Ph. D.
Adjunct Professor, Zoology
University of British Columbia
Vancouver, British Columbia

Sarah Otto, Ph. D.
Professor
University of British Columbia
Vancouver, British Columbia

Paul Paquet, Ph. D.
Senior Scientist
Raincoast Conservation Foundation
Sydney, British Columbia

Michael Parker, Ph. D.
Professor of Biology
Southern Oregon University
Ashland, OR

Gustav Paulay, Ph. D.
Professor
University of Florida
Gainesville, FL

Dennis Paulson, Ph. D.
Director Emeritus
Slater Museum of Natural History
Tacoma, WA

James Pease, Ph. D.
Emeritus Assoc. Professor
Iowa State University
Ames, IA

Michael Pelizzari, Ph. D.
Physicist, retired
Lockheed Martin
Milpitas, CA

Dave Perry, Ph. D.
Professor Emeritus
Oregon State University
Taos, NM

Stuart Pimm, Ph. D.
Doris Duke Chair of Conservation
Duke University
Durham, NC
Gerald Post, DVM, MEM  
Founder and Medical Director  
The Veterinary Cancer Center  
Norwalk, CT

Fred Rhoades, Ph. D.  
Mycologist, retired & Research Associate  
Western Washington University  
Bellingham, WA

Roger Powell, Ph. D.  
Professor Emeritus  
Dept. of Applied Ecology, NC State  
Raleigh, NC

Thomas Rooney, Ph. D.  
Professor of Biological Sciences  
Wright State University  
Dayton, OH

Thomas Power, Ph. D.  
Professor Emeritus  
The University of Montana  
Missoula, NH

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

Jessica Pratt, Ph. D.  
Assistant Professor  
University of California, Irvine  
Irvine, CA

Dan Rosenberg, Ph. D.  
Co-Executive Director and Assoc. Professor  
Oregon Wildlife Inst. & Oregon State Univ.  
Corvallis, OR

Robert Pyle, Ph. D.  
Independent Biologist  
Xerces Society  
Gray's River, WA

Matthew Rubino, M.S.  
Research Associate  
North Carolina State University  
Raleigh, NC

James Quinn, Ph. D.  
Professor Emeritus  
Rutgers University  
New Brunswick, NJ

Robin Salter, Ph. D.  
Professor Emeritus  
Oberlin College  
Oberlin, OH

John Ratti, Ph. D.  
Research Scientist, retired  
University of Idaho  
Moscow, ID

Melissa Savage, Ph. D.  
Professor Emeritus  
University of California, Los Angeles  
Los Angels, CA

Peter Raven, Ph. D.  
President Emeritus  
Missouri Botanical Garden  
St. Louis, MS

Paul Schaeffer, Ph. D.  
Associate Professor  
Miami University  
Oxford, OH

Barbara Reynolds, Ph. D.  
Professor, Emerita  
University of North Carolina, Asheville  
Asheville, NC

Charles Schelz, M.S.  
Ecologist  
Ecos Consulting  
Ashland, OR
Paula Schiffman, Ph. D.
Professor
California State University
Northridge, CA

David Schindler, Ph. D.
Killam Memorial Prof. of Ecology Emeritus
University of Alberta
Edmonton, Alberta

Dolph Schluter, Ph. D.
Professor
University of British Columbia
Vancouver, British Columbia

John Schoen, Ph. D.
Wildlife Ecologist, retired
Anchorage, AK

Richard Schuster, Ph. D.
Liber Ero postdoctoral fellow
Terrace, British Columbia

Kathy Schwager, M.S.
Ecologist
Upton, NY

Dave Seaborg, M.S.
Teacher
Walnut Creek, CA

Janet Shellman Sherman, Ph. D.
Research Scientist, Evolutionary Biologist
Cornell University
Gold Beach, OR

Thomas W. Sherry, Ph. D.
Professor, Ecology and Evolutionary Biology
Tulane University
New Orleans, LA

Jack Sobel, M.S.
President
ETI Professionals, Inc.
Bethesda, MD

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

Jerre Stallcup, M.S.
Encinitas, CA

Pamela Stanley, Ph. D.
Professor
Albert Einstein College of Medicine
Bronx, NY

Robert Stanton, Ph. D.
Professor of Biology
Baldwin-Wallace College
Alliance, OH

Trygve Steen, Ph. D.
Professor of Envi. Science and Management
Portland State University
Portland, OR

Alan Stemler, Ph. D.
Professor Emeritus
University of California
Davis, CA

Gwen Stone, Ph. D.
Doctor
Mission Viejo, CA

Daphne Stone, Ph. D.
Biological Consultane
Eugene, OR
Richard Strathmann, Ph. D.
Professor Emeritus
University of Washington
Friday Harbor, WA

James Strittholt, Ph. D.
President and Executive Director
Conservation Biology Institute
Corvallis, OR

Chin Sun, Ph. D.
University of British Columbia
Vancouver, British Columbia

Michael Swift, Ph. D.
Assistant Professor Emeritus of Biology
St. Olaf College
Northfield, MN

Gary Tabor, VMD
Executive Director
Center for Large Landscape Conservation
Bozeman, MT

Stephen Tettelbach, Ph. D.
Professor of Biology
Long Island University
Brookville, NY

William Thomas, Ph. D.
Elizabeth G. Britton Curator of Botany
The New York Botanical Garden
Bronx, NY

Jean Thomson Black, M.S.
Senior Executive Editor
Yale University Press
New Haven, CT

Tamara Ticktin, Ph. D.
Professor of Botany
University of Hawaii at Manoa
Honolulu, HI

Tom Titus, Ph. D.
Eugene, OR

Pepper Trail, Ph. D.
Ornithologist
Ashland, OR

Vicki Tripoli, Ph. D.
Environmental Scientist
Retired
Moorpark, CA

Anna Tyler, Ph. D.
Associate Research Scientist
The Jackson Laboratory
Bar Harbor, MN

Rick Van de Poll, Ph. D.
Principal
Ecosystem Management Consultants
Center Sandwich, NH

Marlene Wagner, M.S.
Ph.D. Candidate
Simon Fraser University
Petersburg, AK

David Wake, Ph. D.
Professor of the Graduate School
University of California
Berkeley, CA

Greg Walker, Ph. D.
Professor emeritus
University of California, Riverside
Riverside, CA

Donald Waller, Ph. D.
Professor of Botany & Env.Studies
Univ. of Wisconsin
Madison, WI
Vicki Watson, Ph. D.
Professor Emeritus
University of Montana, Env. Studies
Missoula, MT

Judith Weis, Ph. D.
Professor Emeritus
Rutgers University
Newark, NJ

Jeffery Werner, Ph. D.
Wildlife Ecologist
Conservation North
Prince George, WA

David Whitacre, Ph. D.
Instructor
Treasure Valley Math and Science Center
Boise, ID

David Whitacre, Ph. D.
Instructor, Biology and Statistics
Treasure Valley Math and Science Center
Boise, ID

Sue Wick, Ph. D.
Professor
University of Minnesota
St. Paul, MN

Gerald Williams, Ph. D.
Chief historian (retired)
U.S. Forest Service
Ridgefield, WA

Neville Winchester, Ph. D.
Adjunct Assistant Professor, SLI
Biology Department, University of Victoria
Victoria, British Columbia

Lindsey Wise, M.S.
Biodiversity Data Manager
Institute for Natural Resources, Portland
State University
Portland, OR

Sylvia Wood, Ph. D.
Postdoctoral Researcher
Université de Québec en Outaouais
Montreal, WY

George M. Woodwell, Ph. D.
Director Emeritus
The Woods Hole Research Center
Falmouth, MA

Steven Yanoff, M.S.
Biologist
White Oaks, NM