An Open Letter from U.S. Scientists Imploring President Biden to End the Fossil Fuel Era

October 7, 2021

President Joseph R. Biden Jr.
1600 Pennsylvania Ave, N.W.
Washington, DC 20001

Dear President Biden,

As U.S. scientists, we write with the utmost alarm about the state of our climate system. As overwhelming evidence shows, the reality of our situation is now so dire that only a rapid phase-out of fossil fuel extraction and combustion can fend off the worst consequences of the climate crisis.

In this time of peril, we call on you to fulfill your campaign pledge to listen to science, take bold action to lead the nation back from the brink of runaway climate chaos, and lead the world in a rapid transition away from fossil fuels. We urge you to:

● **Completely stop federally authorized fossil fuel expansion** by banning new federal fossil fuel leasing, fracking, and drilling on public lands and waters; directing federal agencies to stop issuing permits for fossil fuel infrastructure projects from pipelines to petrochemical plants; and ending fossil fuel exports and subsidies;

● **Declare a climate emergency** to reinstate the decades-long ban on crude oil exports, direct a portion of military spending to a rapid construction program of renewable energy projects, and provide loan guarantees to advance a rapid, just buildout of clean renewable energy;

● **Abandon industry delay tactics** including carbon capture and storage, blue hydrogen, and carbon offsets, that impede the rapid transition to renewable energy and allow the fossil-fuel era to continue. These industry schemes are dangerous distractions.

The people of the United States are already experiencing intensifying climate disasters caused primarily by extracting, transporting, and burning fossil fuels, and the types of disasters we are living through now are certain to get worse – much worse – without emergency action. Black, Brown, Indigenous and impoverished frontline communities bear the brunt of climate disasters and other fossil fuel industry harms, including air and water pollution that increase the risk of respiratory illnesses, pre-term births, cancer, and premature death.

Unfortunately, despite your campaign pledge to “listen to science” and your declaration that climate change represents an “existential threat,” your approach to fossil fuels is inconsistent with the kind of rapid transition away from fossil fuels this emergency demands. Indeed, in its first six months, your administration has taken several steps to continue advancing fossil fuel extraction and use. These include:
Continuing to approve fracking and drilling permits on federal lands, despite your campaign pledge to ban new oil and gas permitting on public lands and waters;
- Supporting multiple tar sands oil and oil pipelines, including the Dakota Access and Enbridge Line 3 pipelines, despite your power to halt both of these climate-destructive projects;
- Appealing a court order in order to allow fracking in Ohio’s Wayne National Forest;
- Advancing a proposal for oil and gas exploration near Dinosaur National Monument in eastern Utah and in the Gulf of Mexico;
- Backing a Trump-era oil project in Alaska that will produce over 100,000 barrels of oil a day for 30 years;
- Supporting public subsidies for fossil fuels through fossil hydrogen, CCS and LNG exports;
- Pressuring OPEC to boost oil production;
- Backing offset schemes that would allow the fossil fuel industry to justify continuing emissions because of claimed emissions reductions elsewhere in the economy.

UN Secretary-General António Guterres has declared the newest findings of the recent IPCC report a code red for humanity. We urge you to convene world leaders around a shared vision for moving humanity off fossil fuels and avoiding carbon offset schemes and fossil-fuel industry delay tactics.

Our chances for avoiding irreversible and uncontrollable climate chaos diminish daily. We implore you, on behalf of and for the love of all life on Earth, to respond to the greatest threat ever to face our species and lead the transition away from fossil fuels that humanity desperately needs.

Sincerely,

Scientists joining this letter do so in their individual capacities and not on behalf of the institutions with which they are affiliated.

Initial Signatories

Peter Kalmus, PhD
Climate Scientist
UCLA Joint Institute for Regional Earth System Science and Engineering

Sandra Steingraber, PhD
Senior Scientist, Science and Environmental Health Network
Co-founder, Concerned Health Professionals of New York

Robert Bullard, PhD
Distinguished Professor of Urban Planning and Environmental Policy, Texas Southern University
Director of the Bullard Center for Environmental and Climate Justice
Robert W. Howarth, PhD  
David R. Atkinson Professor of Ecology and Environmental Biology  
Cornell University  

Mark Z. Jacobson, PhD  
Professor of Civil and Environmental Engineering, Stanford University  
Director, Atmosphere/Energy Program  
Senior Fellow, Woods Institute for the Environment  
Senior Fellow, Precourt Institute for Energy  
Co-Founder, The Solutions Project, 100.org, and the 100% Clean, Renewable Energy Movement  

Michael E. Mann, PhD  
Distinguished Professor of Atmospheric Science  
Pennsylvania State University  

Aradhna Tripati, PhD  
Professor, Institute of the Environment and Sustainability  
Director, Center for Diverse Leadership in Science  
University of California, Los Angeles  

Additional 331 Signatories  

Cynthia Alff-Steinberger, PhD  
University of Geneva  

Vanessa Anderson, BS  
University of Texas at Austin, Chemical Engineering Student  

Elan R. Alford, PhD  
Conservation Fellow, Mt. Cuba Center  

Tyler Anthony, PhD  
Postdoc, University of California, Berkeley  

Lauren Alteio, PhD  
Postdoctoral Scientist  

Lillian Aoki, PhD  
Research Scientist, University of Oregon  

Rebecca Altman, PhD  
Science and Environmental Health Network  

Christina Aragon, PhD  
Graduate Research Assistant, Oregon State University  

Amanda Alva, MS  
Graduate Student Researcher, Auburn University  

Heidi Arjes, PhD  
Research Scientist, Stanford University  

Jonathan G. Andelson, PhD  
Rosenfield Professor of Social Science, Grinnell College  

Auma Arunachala, PhD  
Retired, Charles University Medical Faculty  

Jeanie Anderson, BS  
Systems Analyst  

Jessica Balerna, PhD Candidate  
University of South Florida
Claire V. Broome, MD
Adjunct Professor Public Health

Nathan Brown, PhD
Assistant Professor, University of Texas

Steffen P. Buessecker, PhD
Postdoctoral Scholar

Garry R. Buettner, PhD
Professor, University of Iowa, Iowa City

Kate Bulinski, PhD
Associate Professor of Environmental Studies

Joy Buongiorno, PhD
Assistant Professor of Environmental Biology

Roland Burgmann, PhD
Professor, University of California, Berkeley

Michael W. Busch, PhD
Research Scientist, SETI Institute

Seth M. Bushinsky, PhD
Assistant Professor, University of Hawai‘i at Mānoa

Ryan Caldwell, BS
Research Assistant, JAX

Fred J. Calef III, PhD
Science Systems Engineer/Geologist

David G. Campbell, PhD
Professor of Biology, Grinnell College

Jennifer Campbell, PhD
Medical Science Liaison

Frank Cappuccio, PhD
Lecturer, Research Associate

Gregory R. Carmichael, PhD
Professor of Chemical Engineering, University of Iowa

Jonathan Carroll-Nellenback, PhD
Professor of Physics and Astronomy, University of Rochester

C. Cecale, PhD
Assistant Professor

Angela M. Cecil, PhD
Professor

F. Stuart Chapin III, PhD
Retired Professor, University of Alaska Fairbanks

Digant Chavda, MS
Graduate Student

Holly Childs, MS
Process Development Specialist, 3M, Retired

Saphira Chiu, MS
University of Louisville

John Erich Christian, PhD
Postdoctoral Fellow, Georgia Institute of Technology

James Alexander Clark, PhD
Computational Scientist, California Institute of Technology & Georgia Institute of Technology

Kim Cobb, PhD
Professor

Shane Coffield, MS
Graduate Student Researcher, UC Irvine

Anne C. Cohen, PhD
Retired Research Professor, UCLA
Sarah Cohen, PhD  
Professor, San Francisco State University

Kimberly Colgan, PhD Candidate  
Doctoral Candidate, University of Minnesota

Larry Collins, PhD  
Assistant Professor, Biology

Steven Colome, ScD  
Hearing Board Officer, Santa Barbara Air Pollution Control District

Susan G. Conard, PhD  
Affiliate Faculty, George Mason University

Jennifer Cotton, PhD  
Associate Professor, California State University Northridge

Madeleine Cule, PhD  
Data Scientist

Calum Cunningham, PhD  
Postdoctoral Researcher

Jade D’Alpoim Guedes, PhD  
Associate Professor

Matthew A. d’Alessio, PhD  
Professor, Department of Geological Sciences, California State University Northridge

Jason H. Davison, PhD  
Assistant Professor, Catholic University of America

Denise Deckert, PhD  
Technical Information Specialist

Dominick DellaSala, PhD  
Chief Scientist, Wild Heritage

Michael Dettinger, PhD  
Climate Researcher

Peter W. Deutsch, PhD  
Retired Faculty, Penn State University

John Doherty, PhD  
Research Assistant, University of Hong Kong

Christy Dolph, PhD  
Research Scientist, Department of Ecology, Evolution & Behavior, University of Minnesota

Henri Drake, PhD  
NOAA Climate & Global Change Postdoctoral Fellow, Princeton University

Brandon Dunnahoo, MS Student  
Graduate Teaching Assistant, Arkansas State University

Vincent M. Eckhart, PhD  
Professor of Biology, Grinnell College

Larry Edwards, BS  
Consultant

Laura Eierman, PhD  
Assistant Professor of Biological Sciences, SUNY Cortland

Kassandra Einfelt, MA  
Associate Professor

David Eisenman, MD  
Professor of Medicine and Public Health

Cassady Ells, BS  
Water Quality Technician

Alyssa Endrich, MS  
Head Graduate Teaching Assistant
Kamyar Enshayan, PhD
Director, Center for Energy &
Environmental Education, University of
Northern Iowa

Lisa Falk, PhD
Assistant Teaching Professor

Colette Feehan, PhD
Assistant Professor, Montclair State
University

Bill Field, PhD
Professor of Public Health

Jonathan Fielding, MD
Founder and Co-Director, UCLA Center for
Healthy Climate Solutions

Mary Finley-Brook, PhD
Associate Professor, University of
Richmond

Seth Finnegan, PhD
Associate Professor, University of
California, Berkeley

John Fleming, PhD
Senior Scientist, Climate Law Institute,
Center for Biological Diversity

Jennifer Fletcher, PhD
Senior Research Scientist, Centre for
Climate and Atmospheric Science,
University of Leeds

Brittany Flokstra, PhD
Instructor

Nicholas N. Foster, PhD
Project Scientist, UCLA

Andrew Fraass, PhD
Assistant Professor, University of Victoria,
Canada

Alexia Fredston, PhD
Postdoctoral Associate, Rutgers University

Holli Frey, PhD
Professor and Department Chair, Union
College

Leanne Friedrich, PhD
Materials Scientist, National Institute of
Standards and Technology

Dargan M. W. Frierson, PhD
Associate Professor, Atmospheric Sciences,
University of Washington

Laurence Fuortes, MD
Emeritus Professor, Public Health

Tamra L. Gilbertson, PhD
Lecturer, University of Tennessee Sociology
Department

Jennifer B. Glass, PhD
Associate Professor

Charles Glatz, PhD
Professor Emeritus, Iowa State University

Peter Gleick, PhD
Member, US National Academy of Sciences

Kaylynne Glover, PhD
Doctoral Candidate, Biology, University of
Kentucky

Sagan Goodpaster, MS, PhD Student
Graduate Research Assistant, University of
Kentucky

Timothy A. Goudge, PhD
Assistant Professor, The University of Texas
at Austin

Steven Green, PhD
Professor, Department of Biology,
University of Iowa
Nan Marie Greer, PhD  
Executive Director, Alistar International

Jillian Gregg, PhD  
Instructor

Anshul Gupta, PhD  
Principal Research Staff Member

William J. Gutowski, Jr., PhD  
Professor of Meteorology

Sandra Haggard, MS, ABD  
Associate Professor Biology

Steven Hall, PhD  
Associate Professor, Iowa State University

Leigh Anne Harden, PhD  
Biology Professor

Umesh Haritashya, PhD  
Professor, University of Dayton

Victoria Harris, MS  
PhD Student, University of Iowa

Justin Hart, MS  
Policy Advisor, Metropolitan Water Reclamation District of Greater Chicago

Charles Heck, PhD  
Independent Scholar

Richard Heermannce, PhD  
Professor, California State University Northridge

Danielle Heichel, PhD  
Lecturer, Purdue University

Kevin Hennegan, MA  
Sr. Regulatory Strategist, Veristat

Kristy L. Henscheid, PhD  
Professor of Biology, Columbia Basin College

Jacob Hileman, PhD  
Researcher, Uppsala University

Austin Hinkel, PhD  
Visitor, Colorado College

Harry Hochheiser, PhD  
Associate Professor, University of Pittsburgh

Jennifer L. Hoffman, PhD  
Professor

Jennifer Holguin, PhD Candidate  
Research Associate, University of Texas El Paso

Adam Holmes, PhD  
Postdoc, Chemistry Department, Virginia Tech

Brian Hornbuckle, PhD  
Professor, Iowa State University

Jason David Horsman, MS  
Education Director

Richard A. Houghton, PhD  
Senior Scientist Emeritus

John V. Hurley, PhD  
Engineering Geologist, California Environmental Protection Agency

Nyla Husain, PhD  
Research Fellow, School for the Environment, University of Massachusetts, Boston

Ethan Hyland, PhD  
Assistant Professor, NCSU
Daniel E. Ibarra, PhD  
Assistant Professor, Brown University

Amalia Icreverzi, PhD  
Scientist, Seattle Children’s Research Institute

Melissa Ingala, PhD  
Postdoctoral Research Fellow, Smithsonian National Museum of Natural History

Anthony Ingraffea, PhD  
Dwight C. Baum Professor of Engineering, Emeritus

David W. Inouye, PhD  
Professor Emeritus

Brian Inouye, PhD  
Professor, Florida State University

Richard Inouye, PhD  
Emeritus Professor of Ecology

Rachel Jabaily, PhD  
Assistant Professor, Colorado College

Laura Jackson, PhD  
Director, Tallgrass Prairie Center and Professor of Biology

Elin Jacobs, PhD  
Research Assistant Professor, Purdue University

Peter Jacobson, PhD  
Professor of Biology, Grinnell College

Glenn Jaecks, PhD  
Professor, American River College

Jessie Jaeger, MPH  
Analyst, PSE Healthy Energy

Benjamin Johnson, PhD  
Assistant Professor, Iowa State University

Benjamin Johnson, PhD Student  
Graduate Research Assistant

Daniel Johnson, PhD  
Assistant Professor

Kathleen R. Johnson, PhD  
Associate Professor, UC Irvine

Kerri Johnson, PhD  
Postdoctoral Scholar, University of California Berkeley

Lucile Jones, PhD  
Founder, Dr. Lucy Jones Center for Science and Society

Terry Ryan Kane, MS, DVM  
Veterinary Ecologist

Lauren Kashiwabara, MS  
Graduate Student, University of the Pacific

Sarah C. Kavassalis, PhD  
Postdoctoral Scholar, Harvey Mudd College

Stephanie Jo Kent, PhD  
Visiting Lecturer, Framingham State University

Brent Kim, MHS  
Research Program Manager, Johns Hopkins Center for a Livable Future

Tom Kimmerer, PhD  
Consultant

Sarah Kingston, PhD  
Research Affiliate

Kay Kirkpatrick, PhD  
Associate Professor of Physics and Mathematics, University of Illinois
David Klein, PhD  
Professor of Mathematics, California State University Northridge

Robert R. Klepper, PhD  
Professor Emeritus, Chemistry, Iowa Lakes Community College

Jasper Kok, PhD  
Professor, University of California Los Angeles

Jennifer Krauel, PhD  
Adjunct Assistant Professor

Arati Kreibich, PhD  
Activist

Meade Krosby, PhD  
Senior Scientist, University of Washington

Charles Kuster, MS  
Research Meteorologist, University of Oklahoma

Philip J. Landrigan, MD  
Professor, Director, Program for Global Public Health & The Common Good, Boston College

Sarah Lang, PhD Student  
University of Rhode Island Graduate School of Oceanography

Brooke Lappe, MPH, PhD Student  
Policy Advisor at Science for Georgia

Isaac Larkin, PhD  
Postdoctoral Scientist

Dennis Lavrov, PhD  
Professor, Iowa State University

Kevin Leecaster, MS  
Calvin Cycle Farms Biochar Carbon Sequestration Project Manager

Julie Libarkin, PhD  
Professor, Michigan State University

Isaac H. Lichter Marck, PhD  
Post Doctoral Researcher, Dept. of Evolution and Ecology, University of California Los Angeles

Deirdre Lockwood, PhD  
Science Writer, University of Washington

Shane Loeffler, MS  
Polar Geospatial Center, University of Minnesota

Dave Love, PhD  
Associate Scientist, Johns Hopkins University

Henry S. Lowendorf, PhD  
Chair, Greater New Haven Peace Council

Whitney Lucas Molitor, PhD  
Assistant Professor

J. Elizabeth Maas, MS  
Associate Professor

Mark Madsen, PhD  
Emeritus Professor of Radiology

Neil Maizlish, PhD  
Epidemiologist

Scott A Mandia, MS  
Assistant Chair, Professor of Physical Sciences

Julio C. Mandojana, PhD  
Professor Emeritus

Kyle Manley, PhD  
Graduate Student Researcher, UC Irvine
Brendan Mapes, MA  
Research Associate, UNC-Chapel Hill  
Department of Public Policy

Elise Mason, MS  
Project Specialist, The Coastal Society/National Center for Atmospheric Research

Mike Matessa, PhD  
Cognitive Scientist, Collins Aerospace

Colleen E. McLean, PhD  
Associate Professor, Youngstown State University

Nathan R. Meeks, MS  
Chemist

Paulina Mena, PhD  
Associate Professor of Biology

Scott Mermelstein, BA  
Geotechnical Engineer

Laura C. Merrick, PhD  
Assistant Teaching Professor (retired), Agronomy Department, Iowa State University

James D. Metzger, PhD  
Emeritus Professor, Ohio State University

Madison Miketa, PhD  
Wildlife Scientist, Humane Society International

Janet Miller, PhD  
Retired from Harvard Medical School

Alfonso Minervino, PhD  
Senior Quality Engineer

Jamie Mitchem, PhD  
Professor of Geography

Jessie Moore Torres, MS  
Ocean Scientist, GST, Inc/NOAA

Vernon Morris, PhD  
Professor

Ali Moss, MS  
Graduate Researcher, University of Georgia

Stephen Mulkey, PhD  
Lecturer, University of Florida

Chris Mutel, PhD  
Senior Scientist, Paul Scherrer Institute

Sarah E. Myhre, PhD  
CO2 Foundation

Ted Neal, PhD  
Clinical Professor, University of Iowa

Robert Newman, PhD  
Professor, Biology University of North Dakota

Peter Nightingale, PhD  
Professor of Physics, University of Rhode Island

Marit Nilsen-Hamilton, PhD  
Professor

Philip Nyhus, PhD  
Professor of Environmental Studies, Colby College

Danielle Oberg, PhD  
Graduate Research Assistant, University of Arkansas

Suzanne O'Connell, PhD  
Professor, Wesleyan University

James Odling, MS  
Hazardous Materials Specialist
M. N. O'Donnell, MS  
Data Services Librarian

Joseph D. Ortiz, PhD  
Professor, Dept of Geology, Kent State University

Patrick O'Shaughnessy, PhD  
Professor

Bryandra Owen, BA  
Archaeologist/Knight & Leavitt Associates

V. Margot Paez, PhD  
Graduate Research Associate, Georgia Institute of Technology

Elise Paietta, PhD  
Biology PhD Student

Hilary Palevsky, PhD  
Assistant Professor of Earth and Environmental Sciences, Boston College

Ingrid Paredes, PhD  
Visiting Industry Assistant Professor, New York University Tandon School of Engineering

Casey Patnode, MD, MPH  
Medical and Public Health Student

Ryan Pavlick, PhD  
Earth Scientist

Lea Payette, BS  
University of Minnesota Twin Cities

Robin Pelc, PhD  
Faculty, California State University Monterey Bay

David Pengelley, PhD  
Professor Emeritus, Mathematics, New Mexico State University

Frederica Perera, PhD  
Professor, Columbia University Mailman School of Public Health

Joy B. Perry, MS  
Senior Lecturer of Biological Sciences, Emerita

Gavin Perry, PhD  
Retired from Washington University, St. Louis

Reuben J. Peters, PhD  
Roy J. Carver Distinguished Professor of Biochemistry, Iowa State University

Nathan G. Phillips, PhD  
Professor, Boston University

Steven Piantadosi, PhD  
Assistant Professor, UC Berkeley

Pierre Pica, PhD  
Professor

Tamara Pico, PhD  
Assistant Professor

Jennifer Pope, BS  
Lab Technician, CCC

Stacy Porter, PhD  
Visiting Assistant Professor, Wittenberg University

Carol Pride, PhD  
Professor

James W. Raich, PhD  
Professor

Christine Rains, MS  
Consultant to NASA

Lori Reed, BS  
Environmental Scientist
William Ripple, PhD  
Distinguished Professor, Oregon State University

Larry W. Robertson, PhD  
Professor Emeritus, University of Iowa

Jennifer Robinson, MD  
Professor

Sara Robles, MS Student  
Laboratory Technician

Nilda E. Rodriguez, PhD  
Associate Professor, University of Northern Iowa

Richard M. Rollins, MS  
Civil, Environmental, and Mechanical Engineer

Terry L. Root, PhD  
Professor Emerita, Stanford University

James Roth, PhD  
Distinguished Professor, Iowa State University

Benjamin Runkle, PhD  
Associate Professor, Biological & Agricultural Engineering, University of Arkansas

Avery Russell, PhD  
Assistant Professor, Missouri State University

Philip B. Russell, PhD  
Senior Scientist, NASA, Retired

Melanie Sadeghpour, MS  
Program Chair, Environmental Science, DMACC

Sarah Safaie, MA  
Independent Researcher

Ted Schettler, MD  
Science Director; Science and Environmental Health Network

Kathleen Schiro, PhD  
Assistant Professor of Environmental Sciences, University of Virginia

Jill E. Schneider, PhD  
Professor of Biological Sciences

Joseph Schreiber, PhD  
Professor, Chatham University

Joshua Schwartz, PhD  
Professor

Silvia Secchi, PhD  
Professor, University of Iowa

Ulli Seibt, PhD  
Associate Professor, UCLA

Mack Shelley, PhD  
Professor, Iowa State University

Drew Shindell, PhD  
Nicholas Professor, Duke University

Zoë I. Shribman, MS  
Research Assistant, LSU

Priya Shukla, PhD  
PhD Candidate, Bodega Marine Laboratory, UC Davis

William Simpkins, PhD  
Professor Emeritus of Hydrogeology, Iowa State University

Chelsea Skojec, PhD  
Graduate Student, University of Florida

Ceal Smith, MS  
Research & Policy Analyst, Alaska Institute for Climate & Energy (ALICE)
Joshua Smith, PhD
Professor of Chemistry, Humboldt State University

Daryl Smith, PhD
Professor Emeritus, University of Northern Iowa, Biology Dept. and Tallgrass Prairie Center

Richard C. J. Somerville, PhD
Distinguished Professor Emeritus, University of California, San Diego

Kelly Speer, PhD
Postdoctoral Fellowship, National Museum of Natural History

Robert Speiser, PhD
Professor Emeritus

Muhammad Spocter, PhD
Associate Professor of Anatomy

Joshua Spodek, PhD
Author

Greg Spooner, PhD
CEO/owner

Doreen Stabinsky, PhD
Professor

Holly Stahl, MPS
University of Miami, Florida

Jim R Stewart, PhD
OceanForesters

Andrew Sullivan, MS
Research Associate, Torus Biosystems

Benjamin Swanson, PhD
Lecturer, University of Iowa

Rachel Swanson, PHD
Graduate Student

Margaret Swift, PhD Student
Duke University

Eugene S. Takle, PhD
Professor Emeritus

Craig Tepper, PhD
Professor, Cornell College

Pramisha Thapaliya, MS
Graduate Research Assistant

Diane Thompson, PhD
Assistant Professor, University of Arizona

Jenna Tipaldo, PhD Student
PhD Student and Adjunct, CUNY

Sarah Toth, PhD
Associate, Rocky Mountain Institute

Daniel Townsend, MA
Retired Environmental Geologist

Lucky Tran, PhD
March for Science

Elizabeth E. Trimmer, PhD
Professor and Chair of Chemistry, Grinnell College

Gareth Trubl, PhD
Researcher at Lawrence Livermore National Lab

Michael Tullius, PhD
Project Scientist, UCLA School of Medicine

Sarah Tuttle, PhD
Assistant Professor of Astronomy, University of Washington, Seattle

Vincent Valbuena, MS
Chemical Engineering Student at Purdue University
Ravi Valleti, BS  
Futurist Activist/Artist & 2019 UC Irvine Engineering Hall of Fame for S.T.E.A.M Equity & Justice

Liannie Velázquez, PhD Student  
Miami University

Marco Venturini, PhD  
Senior Scientist, Lawrence Berkeley National Lab

Steve Voelker, PhD  
Associate Professor

Amy Wagenfeld, PhD  
Lecturer, Boston University

Kristina Walkup, PhD  
Professor

Yu Wang, PhD  
Associate Professor, Iowa State University

John Wares, PhD  
Professor, University of Georgia

Paul Weihe, PhD  
Associate Professor of Biology and Environmental Science, Central College

Anna M. Weiss, PhD  
Assistant Professor, Midwestern State University

Michael Welsh, MD  
Professor University of Iowa

Paul H. Wermer, PhD  
Retired

Sarah Jane Wike, BSN, MPH Student  
Registered Nurse, Medical Oncology

Paul Wilcox, PhD  
Postdoctoral Researcher

Jane Willenbring, PhD  
Associate Professor, Stanford University

Shaye Wolf, PhD  
Climate Science Director, Center for Biological Diversity

Bill Wong, PhD  
Adjunct Instructor, Stanbridge University

Alaina Wood, BS  
Science Communicator, EcoTok

Stu Woodward, MS  
Science Educator

Emma Woolbright, MS  
Project Manager, University

Anna Word, PhD Student  
Johns Hopkins University

Dawn J. Wright, PhD  
Professor, Oregon State University

 Parsa Zareiesfandabadi, PhD  
Department of Biology

Ilana Zeitzer, PhD Student  
State University of New Yor