

January 28, 2020

Dear Senator Sanders:

The top scientific body on climate change, the United Nations Intergovernmental Panel on Climate Change (IPCC), tells us we must act immediately to bring the world together to stop the catastrophic impacts of climate change. The Green New Deal you are proposing is not only possible, but it must be done if we want to save the planet for ourselves, our children, grandchildren, and future generations. Not only does your Green New Deal follow the IPCC's timeline for action, but the solutions you are proposing to solve our climate crisis are realistic, necessary, and backed by science. We must protect the air we breathe, the water we drink, and the planet we call home.

Sincerely,

Dr. Peter Kalmus, Associate Project Scientist at the UCLA Joint Institute for Regional Earth System Science & Engineering

Dr. Sonya Legg, Senior Research Oceanographer and Lecturer in the Atmospheric and Oceanic Sciences Program at Princeton University

Dr. Daniel M. Kammen, Founding Director of the Renewable and Appropriate Energy Laboratory (RAEL) and Professor of Energy, with appointments in the Energy and Resources Group, The Goldman School of Public Policy, and the Department of Nuclear Engineering at the University of California, Berkeley. Former Science Envoy for the US Secretary of State.

Noel Healy, Associate Professor, Department of Geography and Sustainability, Salem State University.

Dr. Rebecca R. Hernandez, Assistant Professor of Ecology and Earth System Science at the University of California at Davis

Dr. Steven Ghan, Climate Scientist, Contributing author to three assessments by the Intergovernmental Panel on Climate Change, which was awarded the Nobel Peace Prize in 2007

Dr. Nancy Grimm, Regents Professor of Ecology at Arizona State University

Dr. Daniel Zachary, Director of Energy Policy and Climate Program Advanced Academic Programs at Johns Hopkins University

Dr. Alison Heslin, Postdoctoral Research Scientist at Columbia University's Center for Climate Systems Research

Dr. Billy Fleming, Director of the Ian L. McHarg Center in the Weitzman School of Design, and a Senior Fellow with Data for Progress

Dr. Nathan Phillips, Professor, Department of Earth and Environment, Boston University

Dr. Heather Randell, Assistant Professor of Rural Sociology and Demography, Penn State University

Dr. Daniel Aldana Cohen, Assistant Professor of Sociology and Director of the Socio-Spatial Climate Collaborative at the University of Pennsylvania

Dr. Elizabeth E. Dahl, Associate Professor of Chemistry at Loyola University Maryland

Dr. Edgar Bering, Professor of Physics and Electrical and Computer Engineering at the University of Houston

Dr. Emily Grubert, Ph.D. in Environment and Resources from Stanford University

Dr. Robbie M. Parks, Post-Doctoral Research Fellow at The Earth Institute at Columbia University

Dr. Mark Paul, Assistant Professor of Economics and Environmental Studies at the New College of Florida

Dr. Ann Marie Carlton, Associate Professor, University of California, Irvine

Dr. Sheila Colla, Assistant Professor of Environmental Studies at York University

Dr. Aaron Kennedy, Associate Professor of Atmospheric Sciences at the University of North Dakota

Dr. Justin Bauman, Post- Doctoral Fellow at the University of North Carolina at Chapel Hill

Dr. Caitlin McDonough MacKenzie, Post-Doctoral Fellow with the Smith Conservation Research Fellowship Program

Dr. Timon McPhearson, Associate Professor of Urban Ecology & Director of the Urban Systems Lab at The New School

Dr. Amy Frappier, Department Chair and Associate Professor of Paleoclimatology at Skidmore College

Dr. Danielle Ulrich, Assistant Professor of Plant Physiological Ecology at Montana State University

Dr. Mark Eakin, Ph.D. in Biological Oceanography from the University of Miami

Dr. Geoffrey Supran, Research Associate in the Department of the History of Science at Harvard University

Dr. Reed Goodwin, Research Scientist of Biology at Stanford University

Dr. Elizabeth Burakowski, Research Assistant Professor at the University of New Hampshire

Dr. David Gillikin, Professor of Geology at Union College

Dr. Kritee Kritee, Senior Scientist in Climate Smart Agriculture

Dr. Gabrielle McNally, Director of Women for the Land, American Farmland Trust

Dr. Peter Griffith, Ph.D. in Ecology from the University of Georgia

Dr. Lucky Tran, PhD in Biology from Cambridge University

Dr. Michael MacFerrin, Post-Doctoral Research Associate in the Earth Science and Observation Center (ESOC) within the Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado in Boulder

Dr. Eric Rehm, Senior Research Associate, UMI Takuvik / Arctic Remote Sensing at the Université Laval

Dr. Brett Favaro, Instructor of Conservation Science, Memorial University of Newfoundland

Dr. John Hayes, Associate Professor of Geography and Sustainability at Salem State University

Dr. Amanda E. Wooden, Associate Professor of Environmental Studies & Sciences at Bucknell University

Dr. Stephen Young, Professor of Geography & Sustainability Department at Salem State University

Dr. Ming Kuo, Associate Professor and Director, Landscape and Human Health Laboratory Department of Natural Resources & Environmental Sciences at the University of Illinois, Urbana-Champaign

Dr. Daniel Revillini, Postdoctoral Researcher in the Department of Biology at the University of Miami

Dr. Shannon Hateley, Ph.D. in Molecular and Cell Biology from the University of California, Berkeley

Dr. Dargan Frierson, Associate Professor of Atmospheric Sciences at University of Washington

Dr. Charlie Gardner, Lecturer of Conservation Science, Durrell Institute of Conservation and Ecology (DICE), University of Kent

Dr. Aradhna Tripathi, Associate Professor, Institute of the Environment and Sustainability, Center for Diverse Leadership in Science Director, & P.I. at UCLA.

Dr. Ben Franta, Ph.D. in Applied Physics at the Harvard School of Engineering and Applied Sciences

Dr. Liam Phelan, School of Environmental and Life Sciences at the University of Newcastle, Australia

Dr. Richard Schuster, Research Scientist at Carleton University, Department of Biology

Dr. Wesley Flannery, Senior Lecturer in Environmental Planning at Queen's University Belfast

Dr. Britta Voss, PhD, Geosciences

Dr. John C. Fleming, Staff Scientist, Center for Biological Diversity Action Fund

Dr. Shaye Wolf, Staff Scientist, Center for Biological Diversity Action Fund

Dr. Christopher Obropta, Ph.D., P.E., Director, New Jersey Water Resources Research Institute and Professor, Department of Environmental Sciences Rutgers, The State University of New Jersey

Dr. Dominick A. DellaSala, President, Chief Scientist of Geos Institute

Dr. Mary Reagan, Ph.D. in Geological Sciences from Stanford University

*The letter is signed by the individual scientists and does not reflect the view of the institutions with whom they are affiliated