

AGENDA**ASSEMBLY BUDGET SUBCOMMITTEE NO. 3 RESOURCES AND TRANSPORTATION****ASSEMBLYMEMBER RICHARD BLOOM, CHAIR****WEDNESDAY, APRIL 8, 2015****9:30 A.M. - STATE CAPITOL ROOM 126**

ITEMS TO BE HEARD		
ITEM	DESCRIPTION	
INFORMATIONAL ITEM	IMPACTS OF CLIMATE CHANGE	
SCIENTIFIC ASSESSMENT OF CLIMATE CHANGE PANEL	WILLIAM (BILL) COLLINS, SENIOR SCIENTIST AND CLIMATE SCIENCES DEPARTMENT HEAD PROFESSOR IN RESIDENCE, DEPT OF EARTH AND PLANETARY SCIENCE, UC BERKELEY JEFFERY GREENBLATT SUSTAINABLE ENERGY SYSTEMS GROUP LAWRENCE BERKELEY NATIONAL LABORATORY	1
LAND USE, ENVIRONMENTAL JUSTICE, ADAPTATION PANEL	STUART COHEN, EXECUTIVE DIRECTOR TRANSFORM STRELA CERVAS, CO-COORDINATOR CALIFORNIA ENVIRONMENTAL JUSTICE ALLIANCE MICHELLE PASSERO, SENIOR CLIMATE POLICY ADVISOR THE NATURE CONSERVANCY,	2

Informational Hearing on Climate Change

Climate change is one of the biggest environmental challenges of our time. The growing body of scientific research shows unequivocally that this change is associated with the release of carbon dioxide and other greenhouse gases resulting from burning fossil fuels as well as other human activities. In their recent summary for policymakers, the Intergovernmental Panel on Climate Change concluded that: "Human influence on the climate system is clear, and recent anthropogenic (human related) emissions of greenhouse gases are the highest in history." Further, they conclude, "Continued emission of greenhouse gases will cause further warming and long-lasting changes in all components of the climate system, increasing the likelihood of severe, pervasive and irreversible impacts for people and ecosystems. Limiting climate change would require substantial and sustained reductions in greenhouse gas emissions which, together with adaptation, can limit climate change risks."

Climate change and the efforts of the State to confront it will touch nearly every aspect of California's planning and public financial investment in the future. Over the next few decades, significant reductions in GHG emissions will be necessary to avoid the worst consequences of climate change. This committee hearing will feature presentations by two leading scientists from Lawrence Berkeley National Laboratory and other experts. The Subcommittee will hear the latest projections, future risks and impacts of climate change, as well as new research that models all major California policies in order to assess their combined effect on reducing California greenhouse gas emissions.

Climate Panelist Biographies

Bill Collins:

Dr. William Collins is an internationally recognized expert in climate modeling and climate change science. He serves as a senior scientist, head of the Climate Sciences Department and Director of the Center for Integrative Modeling of the Earth System at the Lawrence Berkeley National Laboratory. Additionally, he serves as Professor in Residence in the Department of Earth and Planetary Science at UC Berkeley. Among many other remarkable scientific achievements, Dr. Collins was one of the Lead Authors on the Fourth Assessment conducted by the Intergovernmental Panel on Climate Change, for which the IPCC was awarded Nobel Peace Prize in 2007.

Jeff Greenblatt:

Dr. Jeffery Greenblatt has been involved with modeling pathways for California's low-carbon energy future since 2009, publishing a number of studies including a recently-published analysis of California greenhouse gas policies in *Energy Policy*, an electricity-focused analysis in *Environmental Research Letters*, and the prominent California's Energy Future study sponsored California Council on Science and Technology. Prior to joining Lawrence Berkeley National Laboratory, Dr. Greenblatt has worked at Google, Environmental Defense Fund, Princeton University, and NASA Ames. More recently, he developed a new CALGAPS model - which is the first attempt to comprehensively model all relevant California policies in order to assess their combined effect on reducing California GHG emissions, especially through 2030.

Stuart Cohen:

Stuart Cohen is co-founder and Executive Director of TransForm, a powerful and effective voice for world class transit and walkable communities in the Bay Area and beyond. In 2010, Stuart was awarded an Ashoka Fellowship for his leadership in developing innovative programs such as GreenTRIP, TransForm's innovative program to certify and support low-traffic developments. In 2013, Stuart was named a recipient of the James Irvine Foundation Leadership Award for championing innovative regional planning to create affordable, vibrant communities that improve quality of life and help the environment. Previously, Stuart worked with ICLEI - Local Governments for Sustainability as a researcher on the climate impacts of alternative transportation policies and fuels, and at NYPIRG (New York Public Interest Research Group) as a toxics campaign coordinator and Statewide Canvass Director. Stuart received a Master's Degree in Public Policy (MPP) from the Goldman School of Public Policy at U.C. Berkeley

Michelle Passero:

Michelle Passero is the Senior Climate Policy Advisor for The Nature Conservancy, California Chapter. She has over fifteen years of experience working in land conservation and environmental law and policy. Currently, Ms. Passero is leading TNC's climate policy efforts to ensure successful implementation of California's landmark law, The Global Warming Solutions Act of 2006, with a focus on the intersection of climate change, conservation and land use. She has published several articles regarding legal issues associated with emerging greenhouse gas emissions trading markets and carbon rights. Ms. Passero holds an LL.M. in Sustainable International Development from the University of Washington and a J.D. from the University of San Francisco. Highlighting a recently published case study report, Ms. Passero will provide an overview of how land use, land management and conservation can reduce greenhouse gas emissions and help the state meet its long-term climate goals.

Strela Cervas:

Strela Cervas joined the California Environmental Justice Alliance (CEJA) in 2008. She now coordinates CEJA's Climate and Energy campaign work and oversees organizational development for the alliance. She was born and raised in Los Angeles, and attended the University of California, San Diego and earned her B.S. in Psychology. Prior to CEJA, she worked with low-wage immigrant communities in Historic Filipino-town. Strela is on the Board of Directors at the Filipino Workers Center. She is a graduate of the Women's Policy Institute. Strela is an advisor to the Green Collar Jobs Council of the California Workforce Investment Board.