



Confronting Climate Change

A Focus on Local Government Impacts, Actions and Resources



April 9, 2012

**California Endowment
1000 North Alameda Street, Yosemite Hall
Los Angeles, CA 90012**



EDMUND G. BROWN JR.
GOVERNOR

STATE OF CALIFORNIA
GOVERNOR'S OFFICE *of* PLANNING AND RESEARCH



KEN ALEX
DIRECTOR

April 9, 2012

Dear Attendees,

California leads the world in actions to combat climate change by reducing greenhouse gas pollution, but we also need to prepare for the impacts of climate change that we cannot avoid. Scientists have clearly established links between climate change and more frequent and severe weather events such as larger storms, increased flooding, more and increasingly intense wildfires, longer droughts and sustained water shortages. By working together, government, local communities, businesses and residents can decrease the negative impacts of natural disasters and extreme weather events. As leaders throughout the state dealing with the challenge of climate change, you have an instrumental role in moving the issue from discussion to on the ground implementation.

Thank you for being a part of today's conversation on climate change impacts, actions and resources. OPR and the California Natural Resources Agency will be using the discussions today to help inform the development of a local government section of the California Adaptation Strategy. We look forward to continuing the conversation at future events and workshops.

Sincerely,

A handwritten signature in black ink that reads "Ken Alex".

Ken Alex
Director



ANTONIO R. VILLARAIGOSA
MAYOR

April 9, 2012

Dear Friends:

It is my pleasure to welcome you to Los Angeles for “Confronting Climate Change: A Focus on Local Government Impacts, Actions and Resources,” hosted by the Governor’s Office of Planning and Research.

Although climate change is a global problem, cities have become a critical focus in the global climate change dialogue. By 2030, an estimated 59% of the world’s population will live in cities. In developed countries like the United States, 81% of our population will live in large urban areas.

Thus, effective climate action must begin at the local level. We in Los Angeles recognize that the steps we take now will directly affect the future of our city and of every Angeleno. In 2007, the Administration presented the “Green LA Climate Action Plan,” an all-of-the-above aggressive 50-step plan to take the challenges of pollution and climate change head on.

Today, we focus our attention on developing more strategies, science, partnerships and collaborations on the local level to prepare for a warmer future. California’s best minds and policy makers will share data, science and ideas to develop innovative actions to mitigate and adapt to climate change.

I commend Governor Brown for hosting this conference and extend my best wishes for a memorable event and future success.

Very truly yours,

ANTONIO R. VILLARAIGOSA
Mayor



April 9, 2012

**Confronting Climate Change: A Focus on Local Government Impacts, Actions and Resources
California Endowment: 1000 North Alameda Street, Yosemite Hall, Los Angeles**

8:15 AM **CHECK-IN:** Exhibitor Sessions, Networking, Refreshments

9:00 AM **WELCOME:** Los Angeles Mayor Antonio Villaraigosa and Wade Crowfoot, OPR

OPENING REMARKS: Michael McCormick and Louise Bedsworth, OPR

CHANGING PARADIGMS IN CLIMATE CHANGE SCIENCE

Climate Change Science: Robert Lempert, RAND/IPCC

Current Research: Dan Cayan, UCSD Scripps Institute

Los Angeles Regional Downscaling: Alex Hall, UCLA

BREAK AND EXHIBITOR SESSIONS

BREAK-OUT SESSIONS

Local Government Case Studies

Roseville: Julia Burrows, Greenwise JV

San Luis Obispo: Kate Meis, LGC

Chula Vista: Brendan Reed

Los Angeles: Beth Jines

Regional Water Collaboration to Meet Climate Challenges (Catalina)

Debbie Davis, OPR

Martha Davis, Inland Empire Utilities District

Grant Davis, SCWA

Liz Mansfield, Sierra Water Workgroup

Mark Drew, Cal Trout

LUNCH: Buffet, Networking, and Exhibitor Sessions

STATE RESOURCES FOR LOCAL GOVERNMENTS

Climate Change Resources Overview: Michael McCormick, OPR

CalAdapt: Kurt Malchow, CNRA

Climate Adaptation Policy Guide: Adrienne Greve, CalPoly

Regional Water Planning: Andrew Schwarz, DWR

State and Federal Funding: Tina Curry, CalEMA

BREAK-OUT SESSIONS

Successful Regional Coordination

San Diego Foundation: Nicola Hedge

LA Regional Collaborative: Paul Bunje

Bay Area JPC: Bruce Riordan

Sierra Business Council: Steve Frisch

Climate Adaptation Policy Guide (Catalina)

Kurt Malchow, CNRA

Adrienne Greve, CalPoly

BREAK: Exhibitor Sessions, Refreshments

CLIMATE CHANGE - IMPLICATIONS FOR LOCAL GOVERNMENTS

Science and Local/Regional Efforts: Alex Hall, UCLA

Sea-Level Rise and Regional Coordination: Brian Holland, ICLEI

Extreme Heat and Health: Kathy Dervin, CDPH

Water and Environmental Justice: Debbie Davis, OPR

Economic Implications: Brook Taylor, GO-Biz

Hazards and Funding: Tina Curry, CalEMA

Energy and Funding: Julia Burrows, Greenwise JV

4:30 PM **CLOSING REMARKS/NEXT STEPS:** Wade Crowfoot and Michael McCormick, OPR

5:00 PM **HOSTED RECEPTION:** Sponsored by The Nature Conservancy; TRAXX Restaurant Courtyard at Union Station

Detailed Session Descriptions

This conference will provide a summary of the most recent scientific understanding of climate change impacts to cities and counties throughout California and outline the tools and resources for local governments to address climate change impacts. Discussions focus on coordinated local and regional efforts, funding opportunities, and strategies to reduce risk and impacts from a changing climate. The event also offers opportunities for peer-to-peer learning and networking between local governments in attendance. The discussions today will inform upcoming revisions to the California Adaptation Strategy to include local and regional planning efforts.

Changing Paradigms in Climate Change Science: This panel will present information from the international, state and local perspectives. Science is evolving quickly at all levels of research and we are learning more about the significance of the changes that are occurring as a result of climate change both internationally and locally. This panel will provide the scientific underpinning for the day's conversations on case studies and policy.

Local Government Case Studies: This panel will present and discuss case studies from local governments throughout the state. Examples showing various methods of preparing for climate change using proven methods. We've attempted to capture coastal, inland, county, city (small and large) and varied approaches to developing plans and programs to show the diversity and potential of developing plans locally.

Regional Water Collaboration to Meet Climate Challenges (Breakout): This session will focus on regional water planning as a mechanism for planning for the impacts of a changing climate. All are welcome to attend this breakout, but it is aimed toward IRWM staff and those interested in working with regional water agencies on this important topic. Information obtained from this meeting will inform the State update to the California Adaptation Strategy.

State Resources for Local Governments: This session will focus on the research, tools and resources that have been developed by the State to assist local government and regional efforts to plan for a changing climate. Most of these resources have been recently released or are currently in public review. A few tools will be released shortly, at which time we would encourage attendees to engage in the public review process and provide feedback to the responsible organization.

Successful Regional Coordination: This session will focus on several successful regional coordination efforts in the State. The participants will talk about lessons learned, unique management structures, and the path ahead. This session is designed to include a robust discussion on how the State can support regional and local efforts to address our changing climate.

Climate Adaptation Policy Guide (Breakout): This breakout session will focus on the Adaptation Policy Guide developed by Cal EMA and the Natural Resources Agency. The event today is the release of this document, which is intended to provide guidance and support to local and regional efforts on climate impacts and adaptation. Your comments and participation in this session are appreciated.

Climate Change – Implications for Local Governments: This session is designed to be a conversation by leaders working in the field of climate change throughout the state. They will discuss their thoughts on the day's events and synthesize the disparate discussions into thoughts about how we can move forward from the conference with partnerships and policy that create real change in the way we address climate change.

Hosted Reception: Sponsored by The Nature Conservancy; TRAXX Restaurant Courtyard at Union Station



Biographies of Conference Speakers

Please see the biographies posted to the OPR website for hyperlinks to their respective organizations for additional information on the speakers listed below: www.opr.ca.gov/s_climateconference.php

Louise Bedsworth, Ph.D.

Senior Researcher, Governor's Office of Planning and Research

Prior to joining the Governor's Office of Planning and Research (OPR), Louise Bedsworth was a Policy Fellow at the Public Policy Institute of California where she focused on climate action at the local level, adaptation to climate change, and transportation and air quality. She has also held positions at the Union of Concerned Scientists, Redefining Progress, and the International Institute for Applied Systems Analysis. Louise holds a BS in Earth, Atmospheric and Planetary Sciences from MIT, an MS in Environmental Engineering and a Ph.D. in Energy and Resources from UC Berkeley.

For additional information visit: <http://www.opr.ca.gov/>

Paul Bunje

Managing Director, Los Angeles Regional Collaborative for Climate Action and Sustainability

Dr. Paul Bunje works to bridge the gap between scientists and decision makers to help society respond and adapt to the challenges of climate change. He is the Managing Director of the Los Angeles Regional Collaborative for Climate Action and Sustainability, whose mission is to encourage greater coordination and cooperation at the local and regional levels by bringing together leadership from government, business, universities, and non-profits. Dr. Bunje is also the Executive Director of the UCLA Center for Climate Change Solutions, where he facilitates innovative research and communicates between scientists, decision makers, educators, and the public.

For additional information visit: <http://www.environment.ucla.edu/larc/about/>

Julia Burrows

President and Executive Director, Greenwise Joint Venture

Julia leads Greenwise Joint Venture, a high-impact nonprofit, using her 20 years of experience in economic development, planning, advocacy, facilitation and sustainability. Prior to launching Greenwise Joint Venture, she managed the Greenwise Initiative for Sacramento Mayor Kevin Johnson and worked on regional sustainability projects as a Managing Partner at Valley Vision. Julia's enthusiasm for climate change adaptation was in part the result of work at the City of Roseville, CA where she began her career in the Planning Department and served for 22 years, most recently as the Deputy City Manager and Economic Development Director. She was the staff lead for the City's Multi-Hazard Mitigation Steering Committee from 2004 to 2010. The Committee prepared the 2005 Roseville Multi-Hazard Mitigation Plan directly resulting in the City's recognition as the only FEMA Community Rating System Class 1 community in the country, hundreds of thousands of dollars in grant funding, a forty-five percent (45%) reduction in flood insurance premiums for property owners, and actions that made Roseville safer and more attractive to residents and businesses. Julia received her BS in Environmental Policy Analysis & Planning from UC Davis. She teaches Multi-Hazard Mitigation courses for the national American Planning Association.

For additional information visit: <http://greenwisejv.org/>

Dr. Daniel R. Cayan

Research Meteorologist, Scripps Institution of Oceanography, University of California, San Diego and Researcher, U.S. Geological Survey

Dr. Daniel R. Cayan's work is aimed at understanding climate variability and changes over the Pacific Ocean and North America. Specific interests concern how climate effects water resources, including precipitation, snowpack, streamflow and soil moisture in western North America, and further, the impacts upon ecosystems, agriculture and elements of human health. Cayan is involved in the California Nevada Applications Program (CNAP), sponsored by the NOAA RISA Program, the California Climate Change Center, sponsored by the California Energy Commission and the Southwest Climate Science Center, sponsored by the US Geological Survey, Department of Interior. These research programs are aimed improved climate information for, and better understanding of decision makers in the region.

For additional information about Dr. Daniel R. Cayan visit: <http://tenaya.ucsd.edu/~cayan/index.html>

For additional information about the Scripps Institution of Oceanography visit: <http://sio.ucsd.edu/>

Wade Crowfoot

Deputy Director and Governor's Military Advisor, Governor's Office of Planning and Research

Wade Crowfoot joined the administration of California Governor Jerry Brown in May 2011. Wade is working to advance the Governor's ambitious renewable energy goals and helps lead the effort to develop 12,000 MW of small, local renewable energy—enough electricity to power nine million California homes. Wade is also organizing efforts to retain and expand military operations in California. Prior to joining Governor Brown's Administration, Wade served as Regional Director for the Environmental Defense Fund (EDF). In that role, he helped to lead EDF's 40 western regional staff and worked with leaders throughout California to implement key climate, water and oceans policy. Wade has also served as senior environmental advisor to San Francisco Mayor Gavin Newsom. In the Mayor's Office, Wade advanced energy, transportation and waste policies and managed the Mayor's state and federal environmental agendas. Wade has held senior-level positions for other elected officials and worked in the fields of public opinion research and urban economic development. Wade holds a bachelor's degree from the University of Wisconsin-Madison and a Master's Degree in Public Policy from the London School of Economics, where he graduated with honors.

For additional information visit: <http://www.opr.ca.gov/>

Christina Curry

Assistant Secretary of Preparedness, California Emergency Management Agency (Cal EMA)

Tina Curry's areas of oversight include all state-level Planning and Preparedness programs for hazards impacting California, including the State of California Emergency Plan, Radiological/Nuclear planning, and Earthquake/Tsunami preparedness. She also oversees Critical Infrastructure Protection and Hazard Mitigation Planning at Cal EMA, in addition to the Agency's public/private initiatives. Tina was appointed Assistant Secretary for Cal EMA in February 2009, following appointments as Assistant Director in 2005 and Deputy Director of Preparedness and Training in 2008. Tina has over 20 years of experience in emergency management, beginning in 1991 with the Agency's Disaster Recovery programs. This included providing assistance, training and guidance to applicants through numerous disaster declarations such as the Loma Prieta and Northridge earthquakes and Oakland Hills Fire. In 1999, Tina began working in the Executive Office where she assisted in a wide range of duties including statewide emergency operations during the Year 2000 Rollover (Y2K), the energy crisis and California's response and support to 9/11 and Hurricane Katrina. Tina has a Bachelor of Arts degree in English from California State University, Sacramento.

For additional information visit: <http://www.calema.ca.gov/Pages/default.aspx>

Debbie Davis

Community and Rural Affairs Advisor, Governor's Office of Planning and Research (OPR)

Prior to joining OPR, Debbie Davis served as the Policy Director at the Environmental Justice Coalition for Water, a coalition of more than 70 community-based, tribal, non-profit, and faith based organizations working together to achieve water justice in California. In her role at EJCW she co-convoked the California Water Summit, a neutral venue to learn about, discuss, and debate California's water future. Debbie has a Bachelor's Degree from UC Davis and a Master's Degree in Social Ecology from UC Irvine.

For additional information visit: <http://www.opr.ca.gov/>

Grant Davis

General Manager, Sonoma County Water Agency

Grant Davis is responsible for management activities related to the Water Agency's core functions of water delivery, wastewater management, flood protection, and environmental sustainability. An emerging focus of the Water Agency's operations is the development of a secure, clean and renewable energy portfolio through Carbon Free Water by 2015. The Water Agency is working to expand their portfolio of renewables to offset their own energy use and to build an enterprise. Prior to joining the Agency, Mr. Davis was Executive Director of The Bay Institute, a science-based nonprofit, dedicated to protecting the San Francisco Bay-Delta Watershed and improving water management in California. Mr. Davis also worked for Congresswoman Lynn Woolsey, State Senator Milton Marks of San Francisco and Assemblywoman Lucy Killea of San Diego. Davis also operated a successful small business, specializing in strategic planning, public relations and campaign management. Mr. Davis currently serves on the Board of the California Utility Executive Management Foundation and is Vice Chair of the Association of California Water Agencies Energy Committee.

For additional information visit: <http://www.scwa.ca.gov/>

Martha Davis

Executive Manager of Policy Development, Inland Empire Utilities Agency (IEUA)

Martha Davis has led many of the agency's award-winning conservation, planning and green programs including initiatives promoting water conservation, renewable energy, storm water capture, and recycled water. IEUA provides regional sewage treatment services, distributes imported and recycled water supplies, and provides other utility services for about 800,000 residents in West San Bernardino County. Ms. Davis also staffs the Delta Stewardship Council and serves as the council's senior policy advisor. She serves on the boards of the Association of California Water Agencies (chair, Energy Committee and Climate Change Subcommittee) and the California Section of the Water Reuse Association.

For additional information visit: <http://www.ieua.org/>

Kathy Dervin, MPH

Senior Health Program Specialist, Center for Chronic Disease Prevention and Health Promotion, Climate Change and Health Program, California Department of Public Health (CDPH)

Kathy is a senior health program specialist coordinating CDPH's climate change and health activities including staffing the Public Health Work Group of state Climate Action Team, developing educational and communication materials on climate change and health for local public health departments and community health advocates, providing technical assistance on health aspects of SB 375 and Sustainable Community Planning, and co-chairing the state's Extreme Heat Adaptation Workgroup. She is the co-author of CDPH's recently released guide, *Climate Action for Health: Integrating Public Health into Climate Action Planning* and serves as an advisor to the Public Health Institute's Center for Climate Change and Public Health. She previously worked as the Public Health Emergency Preparedness Coordinator, City of Berkeley Department of Public Health.

For additional information visit: <http://www.cdph.ca.gov/programs/CCDPHP/Pages/default.aspx>

W. Mark Drew, Ph.D.

Eastern Sierra Regional Manager, California Trout, and Director, Inyo-Mono IRWM Program

Mark Drew currently serves as California Trout's Eastern Sierra Regional Manager and as the Director for the Inyo-Mono IRWM Program. He also serves on the California State Water Plan Update 2013 Public Advisory Committee. Prior to joining California Trout, Dr. Drew worked as The Nature Conservancy's (TNC) Southeastern Caribbean Program's Protected Areas Specialist. Mark spent almost 15 years involved, both academically and professionally, in resource conservation in the U.S. mainland, Oceania, and the Asia region. Dr. Drew holds a B.S. degree in Forestry and Natural Resources Management, an M.A. degree in International Development Policy and a Doctorate degree in Forestry and Resource Conservation from the University of Florida.

For additional information about California Trout visit: <http://caltrout.org/>

For additional information about Inyo-Mono IRWM visit: <http://inyomonowater.org/>

Steven Frisch

President and Chief Executive Officer, Sierra Business Council

Steven Frisch is the President and Chief Executive Officer of the Sierra Business Council, a regional nonprofit business membership organization focused on advancing sustainable business practices and models in the Sierra Nevada. Sierra Business Council links business, the social sector and local government together to plan for prosperous communities, environmental quality and social equity. Steve is a graduate of San Francisco State University.

For additional information visit: <http://www.sbcouncil.org/>

Adrienne I. Greve, Ph.D.

Assistant Professor, City and Regional Planning Department, California Polytechnic State University (Cal Poly, San Luis Obispo)

Adrienne Greve holds a Ph.D. in Urban Design and Planning from the University of Washington. She has a bachelor's degree in Agricultural and Biological Engineering from Cornell University, a master's degree in Bioresource Engineering from Colorado State University. Her areas of research include planning for climate change, urban streams, and urban ecology. Dr. Greve is co-author of the book *Local Climate Action Planning* (Island Press, due 2012).

For additional information visit: <http://www.planning.calpoly.edu/>

Alex Hall

Associate Professor, University of California, Los Angeles (UCLA)

Alex Hall is an Associate Professor in the Atmospheric and Oceanic Sciences Department at UCLA. His research involves using regional climate simulations to examine climate dynamics that are crucial for understanding regional climate but are largely unrepresented in current global climate models. At UCLA, Dr. Hall teaches climate-related courses at the undergraduate and graduate levels. He is a recipient of the NSF Graduate Fellowship (1993-1996), the NASA Earth System Science Fellowship (1996-1998), the Lamont Fellowship (1999-2001), and the NSF Career award (2002-2007). He is the faculty director of the UCLA Center for Climate Change Solutions and is a member of the technical advisory board for the Los Angeles Collaborative for Climate Action and Sustainability, a consortium of local governments, NGOs and businesses. Dr. Hall was a contributing author to the 2007 IPCC 4th assessment of climate change Working Group I report, and is also a Lead Author of the upcoming IPCC 5th Assessment Working Group I report. For additional information visit: <http://www.atmos.ucla.edu/csrl/>

Nicola Hedge, MPIA

Climate Initiative Manager, The San Diego Foundation.

Nicola Hedge leads implementation of The San Diego Foundation's Climate Initiative, working with donors, nonprofits, business, and government partners to help spur action to reduce regional greenhouse gas emissions and deepen community awareness about the local impacts of climate change. Before joining The Foundation, Nicola worked as a field office manager with a World Bank research project in rural Malawi, exploring the connections between education, income, and health outcomes. She has also had previous roles working with the production team of a Southern California Public Radio public affairs show, and with the Governor of Hawaii's policy analysis office. Nicola earned her Master's Degree from UC San Diego's School of International Relations and Pacific Studies, and her Bachelor's Degree in International Business from Hawaii Pacific University.

For additional information visit: <http://www.sdfoundation.org/CivicLeadership/Programs/Environment/Climate.aspx>

Brian Holland

Director of Climate Programs, ICLEI – Local Governments for Sustainability USA

As Climate Program Director for ICLEI USA, Brian Holland leads the development of ICLEI's climate mitigation and climate adaptation programs and consulting projects, and is responsible for building partnerships to advance the creation of new ICLEI resources. Brian's work at ICLEI has addressed a broad spectrum of climate concerns, including emissions inventories, climate action planning, carbon markets, and climate adaptation. Brian served as project manager for the recently-completed *Sea Level Rise Adaptation Strategy for San Diego Bay*, prepared for the regional and local agencies with jurisdiction around the Bay. His work has been recognized by the American Planning Association, the Association of Environmental Professionals, and the American Society of Landscape Architects. He is a member of the American Institute of Certified Planners and is a legacy LEED Accredited Professional.

For additional information visit: <http://www.icleiusa.org/>

Beth Jines

Director of Sustainability, City of Los Angeles

Beth Jines is responsible for implementation of Sustainability, Adaptation and Climate Change action plans for City operations and for the community at large. Beth is a founding member and City representative to the Los Angeles Regional Collaborative for Climate Action and Sustainability, which coordinates the local climate and sustainability planning of the Los Angeles region. Beth has more than 25 years of environmental policy experience both in the City of Los Angeles and with the State of California, where she was Chief Deputy Director of the State Water Resources Control Board and Assistant Secretary for Water at the California Environmental Protection Agency. She is a native of Bermuda and graduate of UCLA and Golden Gate University.

For additional information visit: http://www.environmentla.org/ead_sustainability.htm

Robert Lempert

Senior Scientist, RAND Corporation, and Director, Frederick S. Pardee Center for Longer Range Global Policy and the Future Human Condition

Dr. Lempert is a Fellow of the American Physical Society, a member of the Council on Foreign Relations, a member of the U.S. National Academy of Sciences Panel on Assessing the Impact of Climate Change on Political and Social Stresses, and a lead author for Working Group II of the United Nation's Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report and for the IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation.

For additional information visit: http://www.rand.org/international_programs/pardee.html

Kurt Malchow

Climate Adaptation Coordinator, California Natural Resources Agency

Kurt Malchow currently serves the Secretary for Natural Resources in developing and implementing California's first state-level climate adaptation strategy. Key projects within this implementation work include producing guidance tools to facilitate planning and responding to climate impacts, such as Cal-adapt and the Climate Adaptation Policy Guide (currently in progress). Prior efforts included assessing program performance for Sacramento/San Joaquin River Delta restoration, managing a grant funding program for multi-objective flood control and watershed restoration projects, monitoring ecological succession for wetland and floodplain restoration projects, and stream and river ecosystem studies.

For additional information visit: <http://www.climatechange.ca.gov/adaptation/>

Elizabeth Mansfield

Senior Policy Consultant, Sierra Water Workgroup

Liz Mansfield previously worked for El Dorado Irrigation District as the Water Resources Manager. She was the Executive Director of the Integrated Regional Water Management Planning group for the Cosumnes, American, Bear and Yuba River Region (CABY). She also held the position as Deputy Assistant to the California Department of Water Resources and Water Consultant to the California Legislature, Assembly Committee on Water, Parks and Wildlife.

Michael McCormick

Senior Planner, Governor's Office of Planning and Research

Michael McCormick, AICP joined the administration of California Governor Jerry Brown in July 2011. Michael works between organizations internal and external to the State to resolve issues of statewide importance. He is currently working with the Air Resources Board and the Resources Agency to develop tools that local governments can use to develop more effective plans and policies to address climate change. Mr. McCormick manages the coordination of the OPR Local Government Roundtable and is the Chair of the Climate Change, Land Use and Infrastructure (CCLU-In) team of the Climate Action Team (CAT). He is the co-author of the OPR Climate Action Plan Technical Advisory slated for release in April 2012 and represents OPR on workgroups for documents of interest to local government planning and sustainability efforts. Mr. McCormick has experience working in academic, local government and consulting capacities and has been on the boards of several nonprofits including the American Planning Association, The Sustainability Academy and the Association of Environmental Professionals.

For additional information visit: <http://www.opr.ca.gov/>

Kate Meis

Associate Director, Local Government Commission

Kate Meis is an Associate Director at the Local Government Commission. Her work focuses on assisting local governments to reduce energy use and greenhouse gas emissions. Kate leads the Statewide Energy Upgrade California program, Statewide Energy Efficiency Collaborative and LGC's climate change program. Kate has worked with LGC since 2006. She conducted two statewide workshop series: "CEQA and Climate Change" with the Attorney General's Office and "Implementing SB 375" with the Governor's Office of Planning and Research and Senator Steinberg.

For additional information visit: <http://www.lgc.org/issues/climatechange.html>

Brendan Reed

Environmental Resource Manager, City of Chula Vista

Brendan Reed is the Environmental Resource Manager for the City of Chula Vista where he is responsible for the development of environmental programs and policies dealing with energy management, water conservation, and global climate change. As part of this effort, Brendan coordinates a multi-departmental team tasked with implementing strategies to reduce greenhouse gas emissions and risks from climate change impacts, respectively. Chula Vista was one of the first jurisdictions in southern California to adopt a Climate Adaptation Plan, which it has been actively implementing since April 2011. Mr. Reed received a Master's of Science in Ecology from San Diego State University and a Bachelor of Science in Biology from the University of Richmond. His professional certifications include being a LEED Accredited Professional (US Green Building Council) and a Certified Energy Manager (Association of Energy Engineers).

For additional information visit: www.chulavistaca.gov/clean

Bruce Riordan

Climate Strategist, Bay Area Joint Policy Committee (JPC)

Bruce Riordan currently serves as the Climate Strategist for the Bay Area's four regional public agencies (MTC, ABAG, BCDC and BAAQMD) and is the Co-Chair of Climate Bay Area. Mr. Riordan leads the JPC's Bay Area Climate and Energy Resilience Project, which coordinates collaborative adaptation/resilience work in the nine-county region. Over the last seven years, Mr. Riordan has conducted climate protection-related projects for the Metropolitan Transportation Commission, the Bay Area Quality Management District, BART, the California Attorney General, the Marin Community Foundation, and Next 10. In 2007, Mr. Riordan was trained in Nashville by Vice President Al Gore as part of The Climate Project.

For additional information visit: <http://www.abag.ca.gov/jointpolicy/>

Andrew Schwarz

Water Resources Engineer, Climate Adaptation Unit, Division of Statewide Integrated Water Management, Department of Water Resources.

Andrew Schwarz is a registered professional engineer and environmental planner. He has worked on a variety of water resources projects from water supply, surface storage, environmental restoration, and flood control. Mr. Schwarz has overseen several projects for the California Department of Water Resources focusing on responding to climate change including the Department's Greenhouse Gas Emissions Reduction Plan and The Climate Change Handbook for Regional Water Planning. Mr. Schwarz also participates on multiple working groups and review committees related to incorporating appropriate climate change information in planning documents for statewide and regional water management projects.

For additional information visit: <http://www.waterplan.water.ca.gov/>

The Governor's Office of Planning and Research is committed to environmental sustainability and stewardship. The conference you are attending today was planned with a central location and transit access as essential components of the event. Detailed research was completed to determine the most appropriate purchases to make to support the conference; from the plates on which lunch is served to the facility at which the conference is located. The day's events are focused on creating a more adaptive, resilient and vibrant California and we planned the conference to support these goals. The conference was kept small to encourage the development of relationships and conversations throughout the day, but also to reduce travel costs and the impacts of statewide travel on our environment. The conference is webcast for those people unable to attend the conference in person and playback opportunities will be provided on the website for those people that have conflicts the day of the event. We hope you've noticed the details we've put into the conference to make it a more sustainable event and hope you are motivated to make similar decisions regarding travel, transit and environmental preferable purchasing decisions in the events you organize in the future.