



## Presenters

ICLEI USA-Japan Policy Exchange on Climate Adaptation  
San Diego, CA  
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### *RAFAEL CASTELLANOS, PORT OF SAN DIEGO*

Rafael Castellanos was sworn in to the Board of Port Commissioners on April 15, 2013, to represent the City of San Diego. Castellanos is a partner with the law firm Solomon Minton Cardinal Doyal & Smith LLP in San Diego, where he specializes in commercial real estate and business transactional law. His professional affiliations include having served as General Counsel to, and a member of, the Board of Directors of MANA de San Diego. He also serves on the Board of Directors of the San Diego La Raza Lawyers Association, currently as its President. Castellanos is a member of the California State Bar Association, the San Diego County Bar Association, and the Mexican American Business and Professional Association. He was named one of the San Diego Daily Transcript's Top Young Attorneys in 2008, and in 2011 was named one of San Diego Metro Magazine's 20 Men Who Impact San Diego. Castellanos graduated from Arizona State University with a Bachelor of Arts degree and he earned a Juris Doctorate from the University of Chicago Law School as a Cornerstone Scholar.

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### *DR. DAN CAYAN, SCRIPPS INSTITUTION OF OCEANOGRAPHY*

Dr. Daniel R. Cayan is a Research Meteorologist at the Scripps Institution of Oceanography (SIO), University of California, San Diego, and is also a Researcher in the U.S. Geological Survey. His work is aimed at understanding climate variability and changes over the Pacific Ocean and North America. Specific interests concern impacts of climate changes on water resources and other sectors in western North America. Dr. Cayan heads the California Nevada Applications Program and the California Climate Change Center, climate research programs to improve climate information and forecasts for decision makers in the California region. Dr. Cayan received a BS degree in Meteorology and Oceanography in 1971 from the University of Michigan. He received a Ph.D. in Oceanography in 1990 from the University of California, San Diego. He has been employed by Scripps since 1977 and by the U. S. Geological Survey Water Resources Division since 1991.

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### *DR. NILMINI SILVA-SEND, UNIVERSITY OF SAN DIEGO ENERGY POLICY INITIATIVES CENTER*

Dr. Nilmini Silva-Send is EPIC's Senior Policy Analyst and the C. Hugh Friedman Fellow in Energy Law and Policy. In this role, she contributes research and analysis to EPIC's ongoing energy and climate change projects. In recent years she has focused on transportation energy use and researches costs of measures



to develop greater efficiency in road transportation in the San Diego region. She is also a researcher in a recently awarded multidisciplinary National Science Foundation Climate Science Education project. During her career Dr. Silva-Send has served in a variety of roles in which she conducted legal and technical analysis of environmental laws in Europe and the U.S., and carried out environmental due diligence assessments in Europe. She has also taught upper level and graduate level international law courses in Germany. More recently she taught International and European Environmental Law at the University of San Diego School of Law. In 2010 she started a contemporary course in International Law and Policy related to energy at the University of San Diego School of Law. Dr. Silva-Send has a B.S. in Chemistry and a PhD in International Law and Policy. She is a member of the International Bar Association.

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*PROF. KENSHI BABA, HOSEI UNIVERSITY*

Kenshi Baba, Ph.D. in Policy Science, is a Professor at Hosei University in Tokyo and a visiting Researcher at the University of Tokyo. His research interests include consensus building and risk communication, behavioral change in people, and policy innovation within energy and environmental issues. He is now involved in a government funded nation-wide research project on climate change adaptation policy, and has studied people's climate risk perception and stakeholders' interests in relation to the project. He has published numerous Japanese articles and books on energy and environmental issues. Recently, his English article was included in the book, "Educating Negotiations for a CONNECTED WORLD vol. 4 Rethinking Negotiation Teaching Series" (2013 DPI Press), and the climate adaptation related article was presented in the "PROCEEDINGS OF THE RESILIENT CITIES 2012 CONGRESS" issued by ICLEI. He also serves as a contributing author of IPCC AR5 WGII Chapt. 24.

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*EMILY YOUNG, PHD, THE SAN DIEGO FOUNDATION*

Emily works with community volunteers, donors and other foundations to direct charitable giving to the region's critical environmental needs. Her work at The Foundation is focused in three areas: conservation of globally significant, biodiversity hotspots in Southern California, community-based efforts to eliminate toxic substances which revitalize green spaces, and regional efforts to address climate change through mitigation and adaptation. Before she joined The Foundation, Dr. Young was an assistant professor at the University of Arizona, where she taught courses on environment and society, geography, and Latin America. She also lived and worked in Baja California, Mexico, where she conducted field research on wildlife protection, community-based conservation, and sustainable development in coastal areas of Baja California. Along with professional work, Emily has volunteered and served on boards for a variety of environmental organizations and advisory committees. Dr. Young was recently awarded the 2011 Nicholas P. Bollman Award, which recognizes Smart Growth Leaders Who Inspire through Values and Actions.



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*BRENDAN REED, 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).

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*DANI BOUDREAU, TIJUANA RIVER NATIONAL ESTUARINE RESEARCH RESERVE*

Dani Boudreau is a Coastal Training Program Associated with the Tijuana River National Estuarine Research Reserve. In this role, she works to improve decision making at the local and regional levels by equipping coastal decision makers with science based information and tools. She manages the Reserve's climate change efforts, also known as CURRV (Climate Understanding and Resilience in the River Valley). Prior to coming to TRNERR, Dani worked at The Nature Conservancy as a Climate Adaptation Analyst where she provided management and research recommendations to local government officials and natural resource managers. Dani has a Master of Environmental Management from Duke University and a B.A in Coastal & Marine Policy from the University of Rhode Island.

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*MISSY STULTS, UNIVERSITY OF MICHIGAN*

Missy is a Science Research Fellow at the University of Michigan working on development of the Adaptation Chapter for the U.S. National Climate Assessment. In this role, Missy is working with leading climate adaptation and mitigation experts to identify major themes and trends in national climate adaptation efforts for distillation into the 2013 National Climate Assessment. Before joining the University of Michigan, Missy was the national Climate Director for ICLEI-Local Governments for Sustainability where she worked with over 600 local governments to advance their climate mitigation, climate adaptation, and sustainability efforts. Missy received her Bachelor's degree in Science from the University of New England in Marine Biology and Environmental Science and her Master's degree from Columbia University in Climate and Society. Missy is also enrolled at the University of Michigan to pursue her doctoral degree in urban adaptation.



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*ARATA ICHIHASHI, TOKYO METROPOLITAN RESEARCH INSTITUTE*

Arata Ichihashi works as a chief of the climate change and urban environment division in Tokyo Metropolitan Research Institute. Born in 1963, he earned a bachelor degree in the Department of Foundation Engineering, Saitama University and entered The Nippon Road Co.Ltd.in 1987. He switched his carrier to Tokyo Metropolitan Government in 1989 and after working in the Ports Bureau, Tokyo Port Terminal Corporation, and the Overseas Coastal Area Development Institute of Japan as an expert from JICA (Japan International Cooperation Agency), he moved to Environment Bureau and conducted “Collaborative Research on Climate Change Impact in Tokyo,” spending 4 years from 2009. He has been in the current post since 2013. He has continuously served as a board member of Climate Change Prediction Study Committee and Information Integration Reviewing Committee on Global Environment organized by the Ministry of Education, Culture, Sports, Science and Technology.

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*KAZUTO TSUKAMOTO, SUMIDA CITY*

Kazuto Tsukamoto joined Sumida City office in 2006. He spent the first three years in a city waste disposal factory, being engaged in plant maintenance works. He moved to the Guidance and Investigation Section in Environmental Protection Division in 2010, and has been in charge of promoting the use of rainwater since 2011. His other duties include environmental investigation and monitoring, technical guidance for pollution, etc.

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*NAOMASA TACHIHARA, EDGOGAWA CITY*

Naomasa Tachihara entered Edogawa City office in 1983, after receiving a bachelor degree in Civil Engineering division in Science and Engineering Department from Nihon University. His carrier in the Civil Engineering Department started in 2006. After working as a manager of the Local Towns Revitalization Section, he became a manager of the Planning Section in 2007 and has currently working as a planning and coordination section manager. His duties include planning and directing civil engineering projects, developing improvement plans of urban roads and bridges, etc.

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*CAREY ALGAZE, PACIFICA COMPANIES*

Carey Algaze is a Planning Manager at Pacifica Companies and is responsible for obtaining entitlements for new development projects. Prior to her role at Pacifica Companies, Carey worked for the County of San Diego in the Department of Planning and Land Use where she reviewed project proposals for conformance with the Zoning Ordinance and assisted the public by providing information, determined the feasibility of projects, and explained discretionary and building permit processes. Carey completed her undergraduate studies at UC San Diego and obtained a double major in Urban Studies and Planning and Sociology. Carey then obtained a dual master’s degree achieving a Masters of Business Administration and Master of Science in Real Estate at the University of San Diego where she was selected as the Woodruff Scholar. Carey is actively involved in Urban Land Institute Young Leaders,



American Planning Association Young Planners, Move San Diego, Rady Children's Hospital Auxiliary Unit, and Run Women Run Political Action Committee.

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*ALEX DEWS, PHILADELPHIA MAYOR'S OFFICE OF SUSTAINABILITY*

Alex Dews is Policy and Program Manager for the City of Philadelphia Mayor's Office of Sustainability. Alex focuses on project implementation and progress tracking for Greenworks Philadelphia, the city's comprehensive sustainability framework. In addition, he manages green building policy and the City's energy benchmarking and disclosure program. Alex is a LEED AP and holds a master's degree in Sustainable Design from Philadelphia University, where he is an Adjunct Professor in the School of Architecture.

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*SARAH WU, PHILADELPHIA MAYOR'S OFFICE OF SUSTAINABILITY*

Sarah Wu is the Policy and Outreach Manager in the City of Philadelphia Mayor's Office of Sustainability. Prior to joining the Office of Sustainability, Sarah helped implement Opportunity NYC, an incentive program working to improve the health, employment, and education of New Yorkers in poverty. Sarah also served on New York University's Sustainability Task Force to help the University make green choices in its long-term planning and facilities management. Before moving to New York, Sarah researched national environmental policies at a non-partisan organization in Washington, DC. Sarah holds an undergraduate degree from Williams College and a Masters in Urban Planning from New York University.