



**CALIFORNIA-MEXICO
2030 SUMMIT**
Turning Climate Challenges
into Opportunities

**Casa de la Universidad de California
Mexico City, Mexico
April 19-20, 2023**

The **California-Mexico 2030 Summit** is organized around the transition to a sustainable and climate-resilient binational economy. The Summit follows the recent celebration of the bicentennial in diplomatic relations between the United States and Mexico, providing an opportunity to reflect on the the current state of the binational relationship and to identify key strategic areas for collaboration to address the most relevant shared challenges in this decade.

The Summit will showcase existing research projects that UC experts are developing in partnership with their Mexican peers and help identify existing knowledge gaps. It will also provide opportunities for engagement with other stakeholders—including policymakers from the California and Mexican state governments as well as the US and Mexican federal governments—to discuss emerging policy challenges and design research programs that can offer innovative solutions.



**GOBIERNO DE
MÉXICO**

RELACIONES EXTERIORES
SECRETARÍA DE RELACIONES EXTERIORES



8:00 - 8:30 hrs

Registration

Inauguration Ceremony

Welcome Remarks

[Eleni Kounalakis](#), Lieutenant Governor of California

The Role of Research in Binational Collaboration

[Kim A. Wilcox](#), Chancellor, UC Riverside; Executive Sponsor, University of California Alianza MX

[Theresa Maldonado](#), Vice President for Research & Innovation, University of California

8:30 - 10:00 hrs

Addressing Shared Challenges in California and Mexico

[Martha Delgado Peralta](#), Undersecretary for Multilateral Affairs & Human Rights, Mexican Secretariat

[Yana Garcia](#), Secretary, California Environmental Protection Agency

[Liane Randolph](#), Chair, California Air Resources Board

[Andrew McAllister](#), Commissioner California Energy of Foreign Relations



Master of Ceremonies: [Isabel Studer](#), Director, University of California Alianza MX

Day 1: The Energy Transition

10:15 - 11:00 hrs

Track A: The Binational Transition to Zero-Emissions Vehicles

Research: The Transition in Light-Duty Vehicles

The US and MX are currently studying options to support an integrated cross-border economy for zero-emissions vehicles (ZEV). What strategies, from technology and infrastructure to human capital, best serve to support the binational expansion of ZEV in the light-duty, heavy-duty, and electromobility segments of the market?

Track B: The Binational Outlook for Sustainable Energy

Research: Renewable Energy

The connection of electrical grids across the US-MX border requires detailed strategies for managing energy flows, including cross-border access to power generated from renewable sources. Which approaches can ensure the success of these developments, and what types of additional questions do stakeholders need to consider?

Research: The Transition in Light-Duty Vehicles

Daniel Sperling, Founding Director, UC Inst. for Transportation Studies
Gil Tal, Director, Plug-in Hybrid & Electric Vehicle Research Center, UC Inst. for Transportation Studies ([Policy Brief](#))

Alissa Kendall, Professor of Engineering, UC Davis ([Policy Brief](#))

Sarah White, Dir. of Labor Policy & Research, UC Davis ITS

Alex Covarrubias Valdenebro, Director, Transborder Studies Program, El Colegio de Sonora

Moderator: Aaron Melaas, Associate Director for Research and Innovation, UC Alianza MX

Research: Renewable Energy

Daniel Kammen, Founding Director, Renewable & Appropriate Energy Laboratory, UC Berkeley

Karla Cedano Villavicencio, Head of Innovation and Futures Lab, Institute for Renewable Energies, UNAM

Alfredo Martinez-Morales, Managing Director, Southern California Research Initiative for Solar Energy, UC Riverside

Montserrat Ramiro Ximénez, Former Commissioner, Mexican Energy Regulatory Commission (TBC)

Moderator: Patricia Tatto, President, Women in Renewable Energy MX

Policy Dialogue: The Transition in Light-Duty Vehicles

What insights are most valuable to stakeholders with respect to the development and deployment of ZEV in both CA and MX? Can university-led research improve both the quality of ZEV technology as well as its accessibility to users?

Jennifer Gress, Chief of Sustainable Transportation & Communities, California Air Resources Board

Lizette Gracida, Senior Director of Public Affairs, Toyota

Nazareth Black, CEO Zacua

Rogelio Arzate, Director of Govt Relations, GM

William Ayala, Economic Officer, Trade and Investment Unit, US Embassy in Mexico City

Raúl del Campo, Director of Govt Relations, Ford Mexico

Moderator: Isabel Studer, Director, UC Alianza MX

Policy Dialogue: Renewable Energy

How are CA and MX approaching renewable energy development, and how can they further expand connectivity across the border? Which border regions offer the greatest potential for binational renewable projects, and which present stakeholders with significant obstacles?

Abraham Zamora, Executive Vice President of Corporate Affairs, Sempra Energy

Andrew McAllister, Commissioner, California Energy Commission

Calixto Mateos Hanel, Managing Director, North American Devt. Bank

Francisco Acuña Méndez, Chair, Sustainable Devt. Council, State of Sonora (TBC)

Israel Hurtado, President, Mexican Hydrogen Assn.

Moderator: Bryan Early, Chief of Staff to Andrew McAllister, California Energy Commission

11:00 - 12:00 hrs

12:00 - 12:15 hrs

Coffee Break

Research: The Transition in Heavy-Duty Vehicles

CA regulations to advance the decarbonization of transport have implications for bilateral trade with MX, particularly using commercial trucks. How can they partner to overcome infrastructure deficits, reduce trade barriers, and promote greater mobility for ZEV in the border region?

Arun Raju, Associate Director for Operations, Center for Environmental Research and Technology, UC Riverside

Kanok Boriboonsomsin, Research Engineer, Transportation Systems Research Group, UC Riverside

Mike Todd, Principal Development Engineer & Facilities and Safety Coordinator, UC Riverside

Stephen Ritchie, Director, Institute for Transportation Studies, UC Irvine

Moderator: Jail Ixel Cruz, ZEV Project Coordinator, UC Alianza MX

Research & Policy: Energy Efficiency (Think Tank)

(Note: Session will run from 12:15 to 14pm)

CA and MX have made strong commitments to energy efficiency, but they have often employed very different strategies and technologies. As economic growth on both sides of the border generates increasing demand for electricity, more efficient technologies are key for ensuring sustainability.

What technologies offer the greatest potential for improving efficiency and ensuring reliability? Which industries may require further innovation to prevent strain on the electrical grid?

12:15 - 13:00 hrs

Policy Dialogue: Border Infrastructure, Binational Trade and Climate Regulations

The combination of new trade regulations under the USMCA and CA emissions regulations could generate new challenges for the cross-border transport of goods from MX. What steps will be required to facilitate increased trade using ZEV, both at and beyond the border?

13:00 - 14:00 hrs

Israel Delgado, Vice President of Northwest Region, CANACAR
Liane Randolph, Chair, California Air Resources Board
Saúl de los Santos Gómez, Economic Planning Coordinator, Baja California Secretariat of Economy and Innovation
Miguel Elizalde Lizarraga, Executive President, Mexican Truck Mfg Assn
Paloma Sánchez, Energy Program Assistant, US Embassy

Moderator: Nora Vargas, Chair, San Diego Country Board of Supervisors

Research & Policy: Energy Efficiency (Think Tank) (Note: Session will run from 12:15 to 14pm)

Andrew McAllister, Commissioner, California Energy Commission
Antonio Mediavilla, Chief of Party, MX Partnership Net Zero Cities
Carla Neudert, Director, City of Hermosillo Agency of Energy & Climate Change
Gabriela Muñoz, Professor of Urban Studies, COLEF
Naschielli Ayala, Energy Efficiency and Renewable Energy Coordinator, Mexico City Secretariat of the Environment
Fairuz Loutfi, Mexico Circular Economy and Energy Efficiency Manager, World resources Institute

Moderator: José Antonio Urteaga Dufour, Senior Expert, Energy Division, Inter-American Development Bank

14:15 - 15:00 hrs

Lunch: Networking Session

Fireside Chat: Climate-Resilient Infrastructure

Climate change presents significant risks to existing infrastructure through extreme weather events such as extreme heat, flooding, and wildfires. And the transition to a greener economy also requires changes to the built environment that reduce the environmental costs of transportation and trade. How are CA and MX planning infrastructure projects that can improve climate resilience?

15:00 - 15:45 hrs

Antonio Villaraigosa, Infrastructure Advisor, Government of California
Ricardo Lara, Commissioner, California Department of Insurance

Moderator: Shereen D'Souza, Deputy Secretary for Climate Policy and Intergovernmental Relations, California Environmental Protection Agency

Plenary: Lithium as a Critical Resource (Think Tank)

The discovery of major lithium deposits on both sides of the CA-MX border region presents significant potential for growth, particularly in low-income communities. What considerations should guide decisions regarding extraction, processing, and usage of this resource? And how can these strategies complement the development of the electric vehicles industry?

16:00 - 17:30 hrs

Pablo Taddei Arriola, Director, LitoMX
Ethan Elkind, Director, Climate Program, Center for Law, Energy & the Environment, UC Berkeley
Luis Olmedo, Executive Director, Comité Cívico del Valle
Patrick Dobson, Geothermal Systems Program Lead, Lawrence Berkeley Lab ([Policy Brief UCR](#))
Trelynd Bradley, Deputy Director of Sustainable Freight & Supply Chain Devt, California Governor's Office of Business & Economic Devt
Maria Fernanda Ballesteros, Country Manager (Mexico), Natural Resources Governance Institute

Moderator: Eduardo Garcia, Assembly member for the 36th District, California State Assembly

Private Dinner: The Role of U.S. Latino Leaders in the California-Mexico Relationship

Keynote Speakers:

[Ken Salazar](#), United States Ambassador to Mexico

[Kim A. Wilcox](#), Chancellor, UC Riverside; Executive Sponsor, UC Alianza MX

[Roberto Velasco](#), Chief of North America Unit, Mexican Secretariat of Foreign Relations

[Silvio Gonzalez](#), Council Minister for Public Affairs, US Embassy in Mexico

Informal Conversation:

[Yana Garcia](#), Secretary, California Environmental Protection Agency

[Eduardo Garcia](#), Assembly member for the 36th District, California State Assembly

[Ricardo Lara](#), Commissioner, California Department of Insurance

[Antonio Villaraigosa](#), Infrastructure Advisor, Government of California

[Theresa Maldonado](#), Vice President for Research & Innovation, University of California

Moderator: [Kim A. Wilcox](#), Chancellor, UC Riverside; Executive Sponsor, UC Alianza MX

Master of Ceremonies: [Isabel Studer](#), Director, UC Alianza MX

19:00 - 21:00 hrs

Day 2: Climate Resilience and Justice

7:30 - 8:45 hrs

Roundtable Discussion (Off-the-record): Transboundary Resources Management

By special invitation only

Given the prevalence of critically important natural resources on both-sides of the CA-MX border, from water to minerals, responsible stewardship will require extensive coordination among a wide range of stakeholders. What is required to overcome these coordination challenges?

9:00 - 10:00 hrs

Plenary: Binational Perspectives on Climate Resilience & Justice

The CA-MX relationship is built on a long history of cooperation and interdependency, both in the border region and beyond. As climate change presents shared challenges in areas such as development, mobility, management, equity, and access, how can research inform policy making and support community engagement from a strategic, long-term perspective?

[Yana Garcia](#), Secretary, California Environmental Protection Agency

[Roberto Velasco](#), Chief of North America Unit, Mexican Secretariat of Foreign Relations

[Gina Andrea Cruz Blackledge](#), Chair, North American Foreign Relations Committee, Senate of Republic

Moderator: [Liliana Ferrer Silva](#), Consul General of Mexico in Sacramento

10:15 - 11:00 hrs

Track C: Climate Justice, Water & Agriculture

Research: Water Management & Drought

CA and northern MX are currently experiencing their most serious drought in over 1,000 years. What strategies are needed to ensure sustainable access to water in both urban and rural areas?

[Aldo Ramírez Orozco](#), Professor of Engineering, Tec de Monterrey

[Anne Hansen](#), Technologist, Mexican Water Technology Institute

[Carlos Patiño Gómez](#), Professor of Engineering, UDLAP

[Josué Medellín](#), Associate Professor of Engineering, UC Merced

Moderator: [Kelly Caylor](#), Associate Vice Chancellor for Research and Professor of the Bren School for the Environment, UC Santa Barbara

Track D: Climate Justice & Urban Development

Research: Climate, Health & Urban Design

Urban areas in both CA and MX are increasingly registering higher temperatures and more pollution. How can cities mitigate the negative health effects of these trends through public policy and building practices?

[Francisco Estrada Porrúa](#), Coordinator, Climate Change Research Program, UNAM

[Kelly Turner](#), Assoc. Professor of Urban Planning & Geography, UCLA

[Landy Sánchez Peña](#), Director, Center for Demographic, Urban, and Environmental Studies, El Colegio de México

Moderator: [Mónica Mata](#), Program Manager for Latin America, Climate Group

11:00 - 12:00 hrs

Policy Dialogue: Water, Climate Change & Border Communities

Which are the greatest climate challenges facing communities on both sides of the border, and what type of opportunities exist for new adaptation and mitigation strategies? Which issues require additional research to produce specific recommendations for binational collaboration?

Adriana Reséndez Maldonado, Mexican Commissioner, IBWC
Germán Martínez Santoyo, Director, National Water Commission
Maria-Elena Giner, US Commissioner, IBWC
Raúl Rodríguez Márquez, Chair, Mexican Water Advisory Council

Moderator: Salvador López, CEVO, North American Development Bank

Policy Dialogue: Heat in Cities

How can stakeholders on both sides of the border, share best practices for ensuring a sustainable future in large urban areas exhibiting heat islands? Can specific approaches protect the health of vulnerable populations, including senior citizens?

Jeff Goodell, Nonresident Senior Fellow, Adrienne Arsht-Rockefeller Foundation Resilience Center, Atlantic Council
Ricardo Lara, Commissioner, California Insurance Commissioner
Renán Alberto Barrera, Mayor of Mérida
Ana Mendivil, Associate Director, Climate Change and Sustainability General Directorate, Mexico City Secretariat for the Environment

Moderator: Eugene Zapata, Head of LATAM & Caribbean, Resilient Cities Network

12:00 - 12:15 hrs

Coffee Break

12:15 - 13:00 hrs

Research & Policy: Climate Change, Workers & Health (Think Tank)

(Note: Session will run from 12:15 to 14pm)

Climate change presents one of the most significant challenges to the health of workers in both CA and MX, particularly in agricultural regions.

What do we need to understand about the relationship between climate change and health? How can we mitigate the effects of climate change on the well-being of workers?

Armando Sánchez, Director, Economic Research Institute, UNAM
Arturo Vargas, Professor of Health Policy & Management, UCLA
Federico Castillo, Lecturer in Environmental Science, Policy & Management, UC Berkeley
Sapna Thottathil, Managing Director, Center for Climate, Health & Equity, UC San Francisco
Alejandra Rodríguez-Bobadilla, Outreach Coordinator, California Farmworker Foundation
Liliana Ferrer Silva, Consul General of Mexico in Sacramento

Moderator: Shereen D'Souza, Deputy Secretary for Climate Policy and Intergovernmental Relations, California Environmental Protection Agency

13:00 - 14:00 hrs

Research: A New Approach to Community Engagement and the Role of Universities

Different types of actors each play key roles in developing a climate justice agenda. How can research ensure that community voices are heard and incorporated into policy decisions in CA and MX?

Fonna Forman, Founding Director, Center on Global Justice, UC San Diego
Keith Pezzoli, Director, Bioregional Center for Sustainability Science, Planning & Design, UC San Diego
Leticia Merino Pérez, Coordinator of Sustainability, UNAM
Michael Méndez, Assistant Professor of Environmental Planning & Policy, UC Irvine

Moderator: Isabel Studer, Director, UC Alianza MX

Policy Dialogue: Climate Justice & Communities

Evidence has shown that low-income people of color are often most deeply threatened by climate change, from severe natural disasters to increasing pollution. How can community advocates ensure that policy makers consider equity issues as they pursue climate targets?

Carlos González Gutiérrez, Consul General of Mexico in San Diego
Laura Ballesteros, Substitute Senator, Mexican Senate
Leticia Gutiérrez Lorandi, VP for Mexico, Conservation International
Liane Randolph, Chair, California Air Resources Board

Moderator: Víctor Lichtinger, Former Mexican Secretary for the Environment and Natural Resources

14:15 - 15:15 hrs

Lunch: Networking Session

Fireside Chat: Sustainable Cities and Public Transit

Public transit is a key component of the sustainable development agenda because of its role in reducing pollution and emissions as well as its role in supporting equitable economic growth. What is the relationship between public transit and sustainable urban development on both sides of the border? How can a shared understanding of this relationship provide a foundation for binational cooperation?

15:00 - 15:45 hrs

Gil Tal, Director, Plug-in Hybrid & Electric Vehicle Research Center, UC Inst. for Transportation Studies ([Policy Brief](#))

Diana Guzmán Torres, Director for Climate Change Mitigation Policy (TBC)

Gerardo Arroyo-O'Grady, Environmental Finance Team Lead, US Agency for International Development

Rodrigo Díaz, Undersecretary for Planning, Policy & Regulation, Secretariat of Mobility, CDMX

Abel Lopez Doderó, Senior Transport Specialist for Latin America & Caribbean, World Bank

Moderator: Angélica Vesga, Director of Public Affairs and Communication for Mexico, World Resources Institute

Plenary: Decarbonization of Transport and Climate Justice (Think Tank)

Mexican state governments are playing a more active role in managing sustainable development policies, including steps to reduce carbon emissions (particularly in the transportation sector) and to protect local communities that are particularly vulnerable to the impact of climate change. How do Mexican State Secretaries of Environment see these challenges at the national and state levels?

16:00 - 17:30 hrs

Armando Barajas, Commissioner of Ecology and Sustainable Development, Sonora

Beatriz Manrique Guevara, Secretary of Environment, Sustainable Development, and Land Use, Puebla

Gabriel Valdez Juárez, Secretary of Urban Development and Ecology, Chihuahua

Josefina Huguet, Secretary of Ecology and Environment, Quintana Roo

María Isabel Ortiz Mantilla, Secretary of Environment and Land Use, Guanajuato

Sayda Rodríguez Gómez, Secretary of Sustainable Development, Yucatán

Pamela Rodríguez, Director of Environmental & Climate Change Policy, Baja California, Secretariat of Environment & Sustainable Development

Oscar Vázquez Martínez, Director of Climate Change & Sustainable Projects, Mexico City Secretariat of the Environment

Yana García, Secretary, California Environmental Protection Agency

Ricardo Torres Hernández, Undersecretary of Environment, Querétaro

Moderator: Jorge Daniel Taillant, Executive Director, Commission for Environmental Cooperation

Reception

18:00 - 20:00 hrs

Featured Speaker: Gary May, Chancellor, University of California Davis

Introduced by: Isabel Studer, Director, UC Alianza MX

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Questions? Contact us at alianzaucmx@ucr.edu

