

27TH ANNUAL LAKE A R R O W H E A D S Y M P O S I U M October 15 - 17, 2017

EVENT PROGRAM

Lewis Center









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THE UCLA LAKE ARROWHEAD SYMPOSIUM ON THE

Transportation - Land Use - Environment Connection

Supporting knowledge exchange and executive education for over 26 years.



BACKGROUND

TWENTY SEVEN YEARS OF BRILLIANCE

The UCLA Lake Arrowhead Symposium on the Transportation-Land Use- Environment Connection is an annual invitation-only event attended by over 100 planners, policymakers, senior policy analysts, business executives, elected officials, and university faculty from around the country. The symposium was founded as a retreat where cross-cutting planning and policy ideas spanning land use, transportation, and the environment could be discussed among a diverse group of public officials, practitioners, and experts.

The program is curated by the Lewis Center for Regional Policy Studies and the Institute of Transportation Studies, two leading public policy and urban planning research centers housed in the UCLA Luskin School of Public Affairs. The 2.5-day event, now in its 27th year, is cited by many as one of the most valuable and unique conference experiences they've ever attended. We hope you will agree after attending this year's event.

The event's theme rotates through topical and important issues. Recent themes include:

- Paying it Forward: Investing in Sustainable Mobility (2016)
- Planning for Change: From Fragile to Agile (2015)
- Resilient Cities and Regions (2014)
- •Smart Technologies: Smart Policies (2013)
- Financing the Future (2012)
- Energy Policy (2011)

We hope to continue this tradition of excellence and innovation this year.

If you would like more information about the Symposium or past events, please visit:

www.uclaarrowheadsymposium.org





UCLA LEWIS CENTER FOR REGIONAL POLICY STUDIES

The UCLA Lewis Center advances research solutions for California's urban and regional challenges. Founded in 1988 as a research center of the UCLA Luskin School of Public Affairs, we are dedicated to the interdisciplinary study and understanding of urban and regional policy issues affecting California. We support high-quality scholarly research, offer public programs and events, conduct a wide range of research studies, and provide accessible publications of our research findings. We strive to make our research and activities accessible and responsive to policymakers, opinion leaders, public officials, and the general community.

UCLA INSTITUTE OF TRANSPORTATION STUDIES

The UCLA Institute of Transportation Studies (ITS) is one of the leading transportation policy research centers in the U.S. The ITS works closely with and is generously funded by three organizations: the UCLA Lewis Center for Regional Policy Studies, Pacific Southwest Region 9 University Transportation Center, and the University of California Institute of Transportation Studies. Each year, dozens of ITS faculty, students, and research staff collaborate on a wide array of transportation policy and planning studies, ranging from an analysis of the travel trends and transportation needs of immigrants and low-income workers, to the testing and evaluation of innovative fare programs to increase public transit use.

UCLA LUSKIN SCHOOL OF PUBLIC AFFAIRS

At the convergence of the fields of social work, urban planning, and policy-making, the UCLA Luskin School of Public Affairs identifies and develops emerging areas of research and teaching and cultivates leaders and change agents who advance solutions to society's most pressing problems. Faculty of the UCLA Luskin School of Public Affairs are actively engaged in research that address pressing national and regional issues including immigration, drug policy, prison reform, health care financing, transportation and the environment, national security, economic development, and an aging U.S. and world population.

SYMPOSIUM CO-ORGANIZERS



MADELINE BROZEN

Associate Director
Lewis Center for Regional Policy Studies
Institute of Transportation Studies
UCLA Luskin School of Public Affairs



JOHN GAHBAUER

Research Consultant
Lewis Center for Regional Policy Studies
Institute of Transportation Studies
UCLA Luskin School of Public Affairs



DR. BRIAN TAYLOR
Director
Lewis Center for Regional Policy Studies
Institute of Transportation Studies
UCLA Luskin School of Public Affairs
Professor, UCLA Department
of Urban Planning

VENUE MAP



ARROWHEAD: WHAT'S AROUND





P.O. BOX 160, 850 WILLOW CREEK ROAD, LAKE ARROWHEAD, CA 92352 T: (909) 337-2478
F: (909) 337-1030 E: UCLALAKEARROWHEAD@HA.UCLA.EDU W: LAKEARROWHEAD.UCLA.EDU

THINGS TO DO & THINGS TO KNOW...

PLAY:

- Basketballs Basketballs available at the Front Desk for check-out play on our two half-courts
- Board Games Located at the Front Desk honor system for borrowing
- Bocce Ball Play Bocce on the lawn; check out equipment at the Front Desk
- · Golf Enjoy our putting green putters and golf balls available at the Front Desk for check-out
- Horseshoes Available at the Front Desk for check-out
- Sand Volleyball Volleyballs available at the Front Desk for check-out
- Shuffleboard Equipment available at the Front Desk for check-out shuffleboard is located outdoors next to Iris meeting room
- Tennis Tennis balls and rackets available at the Front Desk for check-out
- Other —Footballs, soccer balls and Frisbees can be checked out from the Front Desk

SEE THE SIGHTS:

- Walk the Lake Trail maps are available at the Front Desk
- Zen Deck Located on the upper edge of the property with the best view of the Lake!

RELAX OR WORKOUT:

- Fitness Center State-of-the-art equipment with 24/7 access with your room key
- Indoor Hot Tub Relax in our indoor, fireside and hot tub (adjacent to the swimming pool)
- Swimming Pool Open from mid-May to mid-October

MAIN LODGE:

- The Main Lodge Opens daily at 6:00 a.m. and closes at midnight
- Coffee Service Complimentary coffee and tea service available daily in the lobby
- Front Desk Staffed daily from 7:00 a.m. to midnight
- ullet Fruit Bowl Complimentary whole fruit available daily in the lobby
- ${\bf \cdot lce}$ Ice machines located in the laundry room and outside the Tavern
- Laundry Room Machines located across from the Iris meeting room. Accessible with room key.
- Overnight Shift We are staffed 24 hours a day for assistance, please dial '0'
- **Vending Machine** Snacks available in the vending machines outside the Tavern

MEALS:

Dining bell indicates the start of each meal

- ${\bf Breakfast}$ Breakfast buffet from 8:00 to 9:00 a.m.
- Lunch Lunch buffet from 12:00 to 1:00 p.m.
- Dinner Four-course served dinner begins at 6:30 p.m.

WI-FI AND BUSINESS CENTER:

- Copies/Printing See Front Desk for assistance
- Laptop Usage Laptops available for check-out at the Front Desk
- Wi-Fi Complimentary wireless Internet throughout the property

GLOBAL CLIMATE CHANGE, Local Growing Pains

The increasingly concerning effects of climate change demand urgent action. One proven way that our society could reduce harmful greenhouse gas emissions is to accommodate population growth in cities, where research shows residents leave smaller environmental footprints. Yet cities around the country, and especially in coastal California, face enormous housing shortages. Residential development lags so far behind demand that policymakers speak of a housing market that is again in crisis, not from the foreclosures and cratering mortgages of recent years but from scarcity and staggeringly high rents. Old planning frameworks which predate our understanding of global climate change now stymie efforts to accommodate the high urban housing demand in effective, efficient ways. How to overcome these challenges and build for sustainable growth in this context is the focus of the 2017 UCLA Lake Arrowhead Symposium from Sunday, October 15 to Tuesday, October 17th.

Living with the housing stock and infrastructure of the past is limiting—residents have fewer options for housing and transportation than they might need to live sustainably. Building denser and more comprehensive neighborhoods is a challenge in the areas where the cost of land is prohibitive and where parochial interests preclude the public benefits of more housing and managed growth.

But new budget realities and emerging knowledge about the costs of infrastructure use may change the calculus of cost in housing and transportation and result in different housing choices. More severe weather from a changing climate is already changing housing preferences and policies in some coastal areas. As choices change and neighborhood needs shift, it is critical to consider how climate goals can be achieved equitably and housing needs can be met justly for all.







In the spirit of an open and honest discussion amongst the attendees, we ask you limit any tweeting or public information sharing to your own take-aways and not direct quotes from the speakers or other attendees. #nohashtag

SCHEDULE AT-A-GLANCE

Sunday, Octol	ber 15	LOCATION
Noon - 1:30 PM	Optional Lunch (a la carte ticket only)	Dining Hall
1:30 - 2:00 PM	Welcome and Program Introduction	Pineview
2:00 - 2:30 PM	Opening Keynote: Taking California's climate leadership to the next level	Pineview
2:30 - 3:30 PM	Living with yesterday's housing and infrastructure in tomorrow's climate	Pineview
3:30 - 4:00 PM	Break	
4:00 - 5:30 PM	New directions and old frameworks for sustainable urban growth	Pineview
5:30 - 6:30 PM	Check-in and reception	Lobby & Lakeview
6:30 - 8:00 PM	Dinner	Dining Hall
8:00 - 9:30 PM	Building our way towards lowering transportation emissions	Pineview
9:30 - 11:00 PM	Informal reception	Lakeview
Monday, O	ctober 16	LOCATION
7:45 - 8:30 AM	Breakfast	Dining Hall
8:30 - 10:00 AM	Planning around Parochialism: broadening public benefits in land use	Pineview
10:00 - 10:30 AM	Break	
10:30 - 12:00 PM	Integrated, deep climate action planning: needs, challenges, and approaches for success	Pineview
12:00 - 1:00 PM	Lunch	Dining Hall
1:00 - 1:30 PM	Break	
1:30 - 3:00 PM	Pricing and technology as transportation inputs to a greener climate	Dining Hall
3:00 - 5:30 PM	Free time	
5:30 - 6:30 PM	Reception	Iris Room
6:30 - 8:00 PM	Dinner	Dining Hall
8:00 - 9:30 PM	Climate justice for all: discussions of change and displacement	Pineview
Tuesday, O	ctober 17	LOCATION
7:45 - 8:30 AM	Breakfast	Dining Hall
8:30 - 10:30 AM	Global concern, local incremental action	Pineview
10:00 - 10:30 AM	Break	
10:30 - 12:00 PM	Reflections	Pineview
12:00 - 1:00 PM	Concluding Lunch	Dining Hall

S U N D A Y **OCTOBER 15** 2:00 - 2:30 PM

Taking California's climate leadership to the next level

As the world's sixth largest economy, California stands among giants. Both its impacts and its efforts to quell them are on a scale that makes them globally significant. With the federal government formally retreating from its global climate commitments, California's efforts to effect change have become especially critical. The state must meet its climate goals, and set even more ambitious ones even as its population continues to grow. In this context, how its residents old and new will be housed and what options they have for travel matter now more than ever, and are necessary focus for planners and policymakers tasked with helping the state meet its emissions targets and continue its environmental leadership. What successes are affirming, what departures from "business as usual" are called for, and what policy innovations are needed to take California's climate change progress to the next level?

KEYNOTE SPEAKER



ETHAN ELKIND, J.D.

Director of the Climate Change and Business Program at the UC Berkeley / UCLA Schools of Law

Ethan Elkind is the director of the Climate Program at the UC Berkeley School of Law, with a joint appointment at UCLA Law. He researches and writes on policies that foster business solutions to combat climate change. His book on the history of Los Angeles Metro Rail was published by University of California Press in January 2014. He received his B.A. with honors from Brown University and graduated Order of the Coif from UCLA Law.

S U N D A Y **OCTOBER 15** 2:30 - 3:30 PM

Living with yesterday's housing and infrastructure in tomorrow's climate

As its population continues to increase, California needs 180,000 new houses each year, yet less than half that number get built. As a result, residents live with the housing stock of a decade ago, and housing affordability has become a major issue in most cities across the state. At the same time, the form of much of the state's current housing stock constrains residents' travel options and limits the reach of traditional transit, and a lack of housing in areas with transit access drives people to longer commutes. This session examines this two-fold housing problem and asks, within this constrained context, what housing policies and transportation planning strategies will accommodate an ever growing population while meeting even more aggressive climate goals?

MODERATOR: Steve Heminger, Metropolitan Transportation Commission

What drives us: The transportation choices we have and the ones we make



SELETA REYNOLDSGeneral Manager, Los Angeles Department of Transportation

Seleta Reynolds is the general manager of the Los Angeles Department of Transportation (LADOT), appointed by Mayor Eric Garcetti, and is responsible for implementing Great Streets for Los Angeles. Ms. Reynolds has over 18 years of transportation experience throughout the U.S. She has advised transportation technology companies like WalkScore, contributed to the state-of-thepractice as an Association of Pedestrian and Bicycle Professionals board member, mentored young professionals through the Women's Transportation Seminar, and nurtured research on Transportation Research Board committees. Ms. Revnolds also serves as the president of the National Association for City Transportation Officials and is a member of the UCLA ITS advisory board.

Hotter, higher, hamstrung: Housing supply and constraints in California



BEN METCALFDirector, California Department of Housing and Community Development

Ben Metcalf is the director of the California Department of Housing and Community Development. He has overseen key statewide housing programs for veterans, sustainable communities, people who are in need of mental health services and are experiencing homelessness and more. Mr. Metcalf previously served as deputy assistant secretary in the Office of Multifamily Housing Programs at the U.S. Department of Housing and Urban Development (HUD) during the Obama administration. Following his master's degree from the Harvard University Kennedy School of Government, he was a Center for Redevelopment Excellence fellow at the University of Pennsylvania and worked with BRIDGE Housing Corporation, a California-based real estate development company focused on affordable housing.

S U N D A Y **OCTOBER 15** 4:00 - 5:30 PM

New directions and old frameworks for sustainable urban growth

Sustainable development that accommodates population growth without inducing sprawl is a relatively new goal that rises in a thicket of old and ensnaring policies and practices. From inflexible housing laws to archaic and outfoxed environmental regulations, old frameworks inhibit efforts to build infill housing and "net zero" energy-efficient multi-family housing. Similarly, historically underpriced transportation costs and outdated local parking requirements promote auto use and distort housing choices, even in dense transit rich areas, contravening climate and vehicle miles traveled goals. And while anti-sprawl goals, such as those ensconced in SB 375, encourage dense urban living, the growing volume of goods delivered to those populated centers increasingly comes from logistics complexes that get built in ever outlying areas. This session introduces the theme of "mixed signals" that complicate effective climate action.

MODERATOR: Dr. Kian Goh, UCLA Luskin School of Public Affairs



CEQA versus sustainable housing: Overcoming environmental law challenges to infill development

CHRIS GANSON Governor's Office of Planning and Research

Chris Ganson was appointed by Governor Jerry Brown to the Governor's Office of Planning and Research, where he serves as technical lead on California's transition from LOS to VMT. He previously held positions at the Lawrence Berkeley National Laboratory, the World Resources Institute, and U.S. EPA Region 9. Mr. Ganson holds master's degrees in City Planning and Transportation Engineering from UC Berkeley.



Bundling travel behavior and costs in housing decisions

DR. C.J. GABBE Assistant Professor, Santa Clara University

C.J. Gabbe is an assistant professor in Santa Clara University's Department of Environmental Studies and Sciences. His research focuses on the political economy of urban land use regulations, and the effects of planning interventions on housing markets. Dr. Gabbe has a doctorate in urban planning from UCLA, a master's degree in urban planning from the University of Washington, and a bachelor's degree in planning, public policy, and management from the University of Oregon.



Click to sprawl: A look at the land-use impacts of consumer-driven logistics

DR. LAETITIA DABLANC French Institute of Science and Technology for Transport, University of Paris-Est

Laetitia Dablanc is director of research at the French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR) at the University of Paris-Est. She is also a member of MetroFreight, an international research network on urban freight based at the University of Southern California, and a visiting professor at the University of Gothenburg in Sweden. Dr. Dablanc's areas of research are freight transportation policy, freight and the environment, and urban freight. She has a doctorate in transportation planning from Ecole des Ponts-ParisTech, a master's degree in city planning from Cornell University, and initial training in policy analysis and economics from Sciences Po Paris.

S U N D A Y **OCTOBER 15** 8:00 - 9:30 PM

Building our way towards lowering transportation emissions

Building denser and more comprehensive neighborhoods is a well-known and propitious method for reducing vehicle miles traveled. This, of course, is an important strategy for achieving further reductions in GHG emissions. But such resource-efficient housing is only effective if there is enough of it and people can afford to live there. Increasingly, affordable housing is difficult to find in precisely the dense cities and neighborhoods where the transportation and environmental gains from more residents living there would be greatest. Instead, cheaper housing farther afield draws people into longer commutes and more cardependent travel. This session explores the question of why dense, urban housing is often out of reach and outlines strategies for developing the "missing middle" in housing and enabling car-free or "car-light" living, and reflects on how to protect people currently living in neighborhoods where development is happening.

MODERATOR: Dr. Greg Morrow, Pepperdine University



Upzoning: Ending the status quo

DR. PAAVO MONKKONEN UCLA Luskin School of Public Affairs

Paavo Monkkonen is an associate professor of urban planning and public policy at the UCLA Luskin School of Public Affairs. He researches, writes, and teaches about housing and urban policy, urban development patterns, and social segregation in a comparative international framework. More specifically, his scholarship focuses on how land use regulations, housing finance, property rights institutions, and housing markets structure who lives where in cities. Much of his current work is focused on Mexico and California.



Streamlining housing production

SENATOR SCOTT WIENER California State Senate, District 11

Scott Wiener represents District 11 in the California State Senate, including San Francisco, chairing the Human Services Committee and serving on other committees including Transportation and Housing. He previously served as a member of the San Francisco Board of Supervisors, where he emphasized affordable housing, neighborhood safety, the reliability and capacity of public transportation, and fighting against the impacts of climate change and drought. Senator Wiener has also represented San Francisco on a number of regional bodies including the Metropolitan Transportation Commission and the Golden Gate Bridge Highway and Transportation District. He has served as chair of the San Francisco County Transportation Authority and was deputy city attorney for the City of San Francisco. Senator Wiener received a bachelor's degree from Duke University and a law degree from Harvard Law School.



Development without displacement

DENA BELZER Strategic Economics

Dena Belzer is the founder and president of Strategic Economics. Her specializations include transit-oriented development, economic development, infrastructure funding and financing, project implementation, and equitable development. Ms. Belzer was a founding member of the Center for Transit-Oriented Development and remains a national thought leader in the TOD field. She has a bachelor's degree from Pitzer College and a master's degree in city and regional planning from UC Berkeley.

Moderated discussion to follow these short presentations.

M O N D A Y **OCTOBER 16** 8:30 - 10:00 AM

Planning around parochialism: Broadening public benefits in land use

Many housing and transportation projects that would further regional and state progress in meeting climate goals regularly face the peril of parochialism. Local governments bring their own concerns to bear in ways that can undermine benefits to the region, as when a city's development improves its tax base but imposes costs on neighboring jurisdictions. Projects that give the public diffuse environmental benefits from greater density and lower VMT contend with focused opposition from localized interests. In neighborhoods everywhere, small constituencies, by bringing complaints and lawsuits, wield effective veto power over projects that would increase density or increase traffic.

Even where projects are built, the process of opposition adds delay and expense, ultimately borne by new residents and the public. What could be a democratic process for considering stakeholder concerns and negotiating around them is sometimes subverted by necessarily rigid procedures and hidebound regulations. This session discusses the problem of parochialism and explores strategies for enabling plans that serve new constituents and the public interest.

MODERATOR: Dr. Susan Handy, University of California, Davis



Regional goals, local land use: SB 375 and the city-region collective action problem

DR. GIAN-CLAUDIA SCIARA University of Texas

Gian-Claudia Sciara is an assistant professor of Community and Regional Planning at the University of Texas at Austin. She researches and writes about transportation and land use decision-making in intergovernmental contexts. Regional institutions are a longstanding focus of her work. Recent studies examine implementation of California's SB 375, environmental mitigation as a means to enhance land conservation, and regional strategies for transportation funding. Dr. Sciara earned a doctorate in city and regional planning from UC Berkeley, a masters degree from UCLA, and a bachelor's degree from Columbia University, and is an AICP -certified city planner.



Anywhere but here: The unmanaged effects of managed growth

DR. TANER OSMAN UCLA Luskin School of Public Affairs

Taner Osman is a postdoctoral researcher at the Lewis Center for Regional Policy Studies and an instructor in the urban planning at the UCLA Luskin School of Public Affairs. He researches how local economic development and land use policies affect the performance of industries, and specializes in the impact of high-technology industries on local economies. He is a co-author of "The Rise and Fall of Urban Economies," a comparative study of the Bay Area and Los Angeles economies.



Department of neighborhoods: Seattle's shake-up of the NIMBY power structure

KATHY NYLAND Seattle Department of Neighborhoods

Kathy Nyland is the director of the City of Seattle Department of Neighborhoods. Throughout her career, she has strategized and advocated on behalf of neighborhoods and other underrepresented communities. Ms. Nyland founded a neighborhood business association, chaired Seattle's City Neighborhood Council, and mobilized her community to win a number of policy victories, including the creation of Seattle's Zero Waste Policy. She has served as chief of staff to a Seattle city councilmember and senior policy advisor to the mayor of Seattle.

M O N D A Y **OCTOBER 16** 10:30 - 12:00 PM

Integrated, deep climate action planning: Needs, challenges, and approaches for success

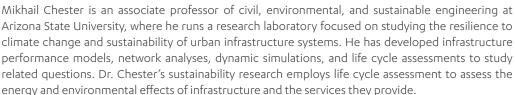
A changing climate requires changes in planning approaches and tools. Hundreds of cities and jurisdictions have adopted or are drafting local climate action plans that set goals for reducing GHG emissions and adapting to a changing climate. These plans exist, however, alongside other established local planning practices and policies, some of which may conflict with the goals or implementation of the climate action plans. In few cases do these plans reflect the latest scientific understanding of mitigation and adaptation needs. Most also take a short-sighted view of a long-range problem, using metrics that obfuscate mitigation needs and provide cover for deferring implementation of critical actions.

This session examines what the latest research portends for deep, integrated climate mitigation and adaptation planning, discusses challenges to implementation, and explores approaches for deep integration of climate action within existing and new local and regional planning processes.

MODERATOR: Juan Matute, UCLA Lewis Center for Regional Policy Studies



Integrated transportation, land use, and infrastructure planning for deep GHG reductions





Challenges to climate action planning

DR. ADAM MILLARD-BALL UC Santa Cruz

Adam Millard-Ball is an economist and a transportation planner whose work focuses on the potential of city policy to tackle global climate change. His current research examines the impacts of parking pricing and street connectivity policies, the effectiveness of local climate plans, and future scenarios for autonomous vehicles. Adam is an assistant professor of environmental studies at UC Santa Cruz and was formerly a principal with Nelson\Nygaard Consulting Associates.



Implementing integrated climate planning

TAMMY SEALE Placeworks

Tammy Seale is an associate principal and director of climate action and resiliency services with PlaceWorks. Tammy works with communities to prepare and implement plans and strategies to address sustainability and climate change. Tammy has led preparation of more than 60 local climate and energy action plans. She is co-author of "Local Climate Action Planning", the first guidebook for climate action practitioners. Tammy earned a master's degree in planning from Florida State University.



M O N D A Y **OCTOBER 16** 1:30 - 3:00 PM

Pricing and technology as transportation inputs to a greener climate

Transportation's large share of an average household's expenditures (second only to housing) reflects the high value individuals place on their mobility. From the energy loss inherent in combustion engines, to the resources tied up in a household's multiple and mostly idle cars, to the time and fuel spent spanning stretched-out distances that sprawl forces people to travel, car travel imposes many opportunity costs. Prices that would moderate consumption of such costly goods and avoid their waste are notoriously misaligned (or even absent) in car travel.

Technology is, however, rapidly changing this context: pricing per-mile of travel is now feasible, efficient electric vehicles that are gaining in range appear poised to take over, and travel behavior is sure to change as a result. This session will survey the effects of technology-enabled pricing on land use and of electric vehicles in reducing emissions, and will then discuss advancing environmental goals in the midst of these big changes in travel behavior and technology.

MODERATOR: Therese McMillan, Los Angeles County Metropolitan Transportation Authority

It's the pricing, stupid: How transportation costs drive travel choices and shape land use

DR. MICHAEL MANVILLE UCLA Luskin School of Public Affairs

Michael Manville is an assistant professor of urban planning and faculty fellow of the Institute of Transportation Studies at UCLA. He studies transportation, land use, and local public finance, and much of his research explores the tendency of local governments to hide the cost of driving in the urban property market. Dr. Manville has published his research in a variety of transportation and planning journals, including the Journal of the American Planning Association, the Journal of Planning Education and Research, Urban Studies, and Transport Policy. He has advised government officials, nonprofits and land developers on matters related to transportation and land use regulations. Dr. Manville holds a master's degree and doctorate in urban planning from UCLA.

Disruption ahead: Reconciling SB 1's gas tax increase with the reality of technological change and the imperative of shifting travel behavior



ELLEN GREENBERG California Department of Transportation

Ellen Greenberg is the deputy director for sustainability at the California Department of Transportation (Caltrans). Ms. Greenberg has more than 30 years of experience working with cities, transportation agencies, and non-governmental organizations to guide development, conservation, and transportation decisions. She previously worked for the independent design, planning, and engineering firm Arup, leading planning and infrastructure groups in San Francisco and collaborating with transportation agencies in Los Angeles, Arizona, and British Columbia, and was appointed as the first visiting practitioner at the UC Davis National Center for Sustainable Transportation.

Density and delivery: A look at where delivery services reduce VMT over passenger vehicle travel and where they do not DR. ANNE GOODCHILD University of Washington



Anne Goodchild is professor of civil and environmental engineering at the University of Washington. As the founding director of the Supply Chain Transportation and Logistics Center and the Supply Chain Transportation and Logistics Online Master's Program, she leads the University of Washington's academic and research efforts in the area of supply chain, logistics, and freight transportation. Before obtaining her doctorate at UC Berkeley, she spent five years in consulting in Europe and North America, modeling business programs for PricewaterhouseCoopers LLP and Applied Decision Analysis Inc. Dr. Goodchild serves as the Freight Systems Group chair for the Transportation Research Board.

M O N D A Y **OCTOBER 16** 8:00 - 9:30 PM

Climate justice for all: Discussions of change and displacement

Hurricanes Harvey, Irma, and Maria are the latest reminder of how many people are vulnerable and may be displaced due to the increasing effects of climate change, particularly upon society's poorest people, who stand to lose their homes, their livelihoods, and their health. Both record rainfall and poor planning bring and inflict suffering upon those in harm's way who are least able to prepare for disasters or rebound afterward.

Similarly, long and ongoing droughts threaten low-income and agricultural communities whose need for more mitigation and strategies for adaptation is clear. As the effects of climate change worsen and hurricanes and floods become more frequent and intense, some historically marginalized communities that are located in traditionally overlooked high-ground areas now face the new threat of "climate gentrification." This panel will discuss the increasingly urgent question of how to prevent displacement based on factors outside of residents' control, a familiar economic problem that has now also become an environmental one.

MODERATOR: Bonny Bentzin, UCLA Office of Sustainability



Urban aftermath: Re-building communities after climate catastrophes CHRISTOF SPIELER Huitt-Zollars/Houston METRO board member

Christof Spieler, PE, LEED AP is the vice president and director of planning at Huitt-Zollars, working on land use, transportation, and open space. He teaches architecture and engineering at Rice University and has contributed to national APTA and NACTO standards. Mr. Spieler has served on the board of Houston METRO since 2000, where he initiated a blank sheet re-design of the entire bus network. He holds bachelor's and master's degrees in civil engineering from Rice.



Climate resilience in the Central Valley: Stories of mitigation and strategies for adaptation VERONICA GARIBAY Leadership Counsel

Veronica Garibay immigrated from Michoacan, Mexico, with her family at a young age. She grew up in the small farmworker city of Parlier in Fresno County. As a first-generation college student, Ms. Garibay attended the UC Santa Barbara, where she earned bachelor's degrees in psychology and law and society. Upon graduation, she joined the California Rural Legal Assistance, Inc.'s Community Equity Initiative as the program's first community worker. She earned a master's degree in public administration from Fresno State. As co-founder and co-director of Leadership Counsel, Ms. Garibay leads the team in advocating for sound policy to ensure equal access to opportunity for all Californians.



Low income, high ground: Climate gentrification in weather-safe neighborhoods

VALENCIA GUNDER Make the Homeless Smile / New Florida Majority

Valencia Gunder is a Miami-based advocate and organizer and a 2017 Soros Justice Fellow. She is the founder and executive director of Make the Homeless Smile, which provides services to homeless people in Miami and Atlanta, and has served as a lead organizer for New Florida Majority, advocating for green jobs and mobilization in communities impacted by climate change. Ms. Gunder has organized a number of prominent community events in Miami's Liberty City neighborhood, including the annual "I Am Woman" Women's Expo. She received her bachelor's degree in international agricultural business from Florida A&M University.

Moderated discussion to follow these short presentations.

T U E S D A Y **OCTOBER 17** 8:30 - 10:30 PM

Global concern, local incremental action

Climate accords may be international, and laws national and state, but implementation is ultimately local. This concluding panel discusses concrete examples of innovations and approaches that advance environmental goals and offer the promise of better land use.

MODERATOR: John Gahbauer, UCLA Lewis Center for Regional Policy Studies



Accessory Dwelling Units (ADUs) as micro-infill development strategy

JASON NEVILLE Building Blocks

Jason Neville is a redevelopment professional with 10 years of experience in planning and implementing neighborhood revitalization projects. He has held senior-level positions in planning and project management at the Los Angeles and New Orleans redevelopment agencies and most recently served as senior project manager on Los Angeles Mayor Eric Garcetti's Innovation Team, designing and implementing projects to reduce residential and business displacement in rapidly changing neighborhoods. His new startup company Building Blocks builds accessory dwelling units for homeowners in Los Angeles.



Certifying the transportation benefits of affordable green development: A case study from the GreenTRIP program

ANN CHENG TransFORM

Ann created the GreenTRIP Certification program which awards low-traffic homes near transit, has certified 6,000+ units, and supports cities in developing GreenTRIP policies. She led the creation of Connect, a free statewide tool to explore ways to reduce traffic while increasing housing affordability and benefits. The San Francisco Business Times recognized Ann as one of the "Top 40 Under 40" leaders in 2014. She also served as mayor of El Cerrito, California in 2011.



Green Eugene: Implementing a small city's big climate and energy plan

TERRI HARDING City of Eugene

Terri Harding is the principal planner for the City of Eugene, Oregon's Metro and Community Planning section. She holds a master's degree from the University of Oregon, and a bachelor's degree from UC Santa Barbara. Ms. Harding has done planning work for county, state, and city governments and as a consultant for 21 years. She works to implement the Envision Eugene vision for managing growth in line with community values of social equity, economic prosperity, and environmental resilience.



Getting agencies to work together on environmental stewardship and social equity

RANDALL WINSTON Strategic Growth Council

Randall Winston is the executive director of the California Strategic Growth Council, a state agency that brings together agencies and departments to support sustainable communities emphasizing strong economies, social equity, and environmental stewardship. He previously worked in Governor Jerry Brown's office, helping lead implementation of executive orders on green buildings and zero-emissions vehicles, and international climate policy. Mr. Winston received a bachelor's degree in government from Harvard University and a master's degree in architecture from the University of Virginia.

T U E S D A Y **OCTOBER 17** 8:30 - 10:30 AM

Policy Californiacation: What California's leadership on climate will look like and how other states and regions can follow California's lead

MODERATOR: Dr. Brian Taylor, UCLA Lewis Center for Regional Policy Studies, and UCLA Institute of Transportation Studies



CECILIA ESTOLANO Estolano Lesar Perez Advisors

Cecilia Estolano is the president of the California Community College Board of Governors and an expert on economic and workforce development, land use, environmental equity, and urban revitalization for cities and communities across the country. She founded ELP Advisors in 2011 and previously served as CEO of CRA/LA, counsel with Gibson Dunn & Crutcher, Senior Policy Advisor at the U.S. EPA during the Clinton administration, and Environmental Policy Advisor for former Los Angeles Mayor Tom Bradley. Ms. Estolano received her law degree from UC Berkeley, her master's in urban planning from UCLA and her bachelor's degree from Harvard-Radcliffe Colleges. She is also a member of the UCLA Lewis Center Advisory Board.



STEPHANIE WIGGINS Los Angeles County Metropolitan Transportation Authority

Stephanie Wiggins is the Deputy Chief Executive Officer for the Los Angeles County Metropolitan Transportation Authority with more than 20 years of experience working for transportation agencies. Prior to Metro, she served as Regional Programs Director for the Riverside County Transportation Commission and oversaw transit, commuter rail, rideshare, goods movement, and rail capital projects. She is a member of the TRB Congestion Pricing Committee, TRB Research and Technology Coordinating Committee, and serves as a WTS-Los Angeles Chapter Board Member. Stephanie has a Bachelor of Arts degree from Whittier College and an MBA from the University of Southern California.