

JUAN M. MATUTE

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CLIMATE AND PLANNING EXPERIENCE

UCLA LOCAL CLIMATE CHANGE INITIATIVE

Los Angeles, CA
July 2009-Present

Program Director

- Founding director of the Initiative, which identifies and supports research needed to strengthen regional, and local governments' capacity to reduce greenhouse gas emissions and adapt to climate change. The center takes an interdisciplinary approach to climate change solutions, drawing from the fields of management, policy, planning, law, engineering, and science to develop effective policy alternatives for climate-related challenges facing local governments.
- Lecturer in UCLA Institute of the Environment, teaching a two-quarter project-based course to develop a carbon neutrality plan for the City of Hermosa Beach.
- Climate change research experience related to measuring and attributing greenhouse gas emissions from transportation to local and regional governments, local government climate action planning, integrating regional land use-transportation-emissions models for more accurate greenhouse gas measurement, evaluating the incongruity of project-level and regional environmental impact assessments, and the climate-transportation-land use connection.
- Transit research experience related to strategic planning for transit in a resource-constrained environment, cost-effective implementation measures, and institutional knowledge transfer.
- Transportation research experience related to vehicle-to-vehicle and vehicle-to-infrastructure communications to support emissions reductions, flow optimization, transit improvements, and congestion pricing implementation.
- Worked with ICLEI to develop community-level greenhouse gas accounting procedures for California local governments, now recommended by the California Governor's Office for Planning and Research.
- Other transportation research experience on electric vehicle markets, electric vehicle service equipment, and neighborhood parking management strategies.
- Affiliated with the UCLA Ralph & Goldy Lewis Center for Regional Policy Studies, the UCLA Institute of Transportation Studies, the Center for Sustainable Urban Systems at the UCLA Institute of the Environment and Sustainability, and the Meyer & Renee Luskin Center for Innovation.

THE CLIMATE REGISTRY

Los Angeles, CA
June 2008-March 2009

Policy Intern

- Created a package of tools to assist local governments in reporting greenhouse gas emissions from operations to The Climate Registry in accordance with the Local

Government Operations Protocol adopted by the California Air Resources Board.
Tools included a guide of best practices for the inventory process and an excel-based activity data management system.

- Wrote an extensive white paper on global emissions allowance tracking systems in the context of The Registry's core capacities to inform a board decision to support the Western Climate Initiative's cap and trade scheme.

BUSINESS EXPERIENCE

GOLDEN BOY PARTNERS

El Segundo, CA

Summer Associate

June 2007-August 2007

- Performed comprehensive financial analyses of three infill residential development sites in the Los Angeles area. Conducted preliminary development analysis for dozens of urban infill properties.
- Developed and presented a 3-year strategic plan for new acquisitions and developments given the firm's urban Latino positioning within a changing Los Angeles real estate market.

THE NATIONAL CENTER FOR CRISIS AND CONTINUITY COORDINATION (NC4)

El Segundo, CA

Solutions Manager

May 2004-August 2006

- Developed, implemented, and managed technology solutions for NC4's External Situational Awareness product line, including integrated information overlays in Microsoft Virtual Earth and Google Earth, a wiki site to capture institutional knowledge, and tools for tracking analyst and team performance.
- Expanded NC4's External Situational Awareness service from domestic coverage with four analysts to global coverage staffed by 17 analysts in two 24/7 command centers.
- Envisioned and managed the development an intelligent, real-time news collection and analysis tool, the implementation of which resulted in a 50% gain in relevant information and a 70% increase in analyst news-gathering productivity.
- Created new departmental workflow guidelines and supervised growth as company expanded from 25 to 120 employees.

EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

M.B.A., Strategy and Finance

2009

UCLA SCHOOL OF PUBLIC AFFAIRS

M.A., Urban Planning, Concentration in Transportation, Land Use, and Climate Change

- *Selected Research Projects:* Used original data to perform a quantitative analysis of how retail rooftop solar affects consumer willingness to pay; conducted research on the

integration of building-level carbon offsets in voluntary and compliance-based carbon markets.

- *Leadership*: UCLA Graduate Students Association Sustainable Resource Center Director, Bruins for Traffic Relief Graduate President, Net Impact Chapter President, 2008 California Clean Innovation Conference Comptroller, Latino Management Student Organization Vice President for Finance
- *Certificate*: Leaders in Sustainability

POMONA COLLEGE

Claremont, CA

B.A., International Relations, Minor in Economics

2004

- *Honors*: Distinction in Senior Thesis: "The North-South Divide Within Mexico: Why Oaxaca Failed to Converge During NAFTA"

PUBLICATIONS

Chester, Mikhail, Juan Matute and Paul Bunje. *Life-Cycle Assessment for Transportation Decision-making*. California Energy Commission. Forthcoming, 2013.

Matute, Juan, and Stephanie Pincetl. *Unraveling Petroleum: The Hidden Incentives that Keep California Driving*. Next 10. Forthcoming, 2013.

Chester, Mikhail, Stephanie Pincetl, Zoe Elizabeth, William Eisenstein, and Juan Matute. "Infrastructure and Automobile Shifts: Positioning Transit to Reduce Life-Cycle Environmental Impacts for Urban Sustainability Goals." *Environmental Research Letters* (8:1). 2013.

DeShazo, J.R., and Juan Matute. "The Local Regulation of Climate Change." *Oxford Handbook of Urban Planning*. Oxford University Press. 2012.

Matute, Juan, and J.R. DeShazo. *Progress Report: Climate Action Planning in Southern California*. UCLA Luskin Center for Innovation, 2012.

Matute, Juan, Brian Taylor, Allison Yoh, Shira Bergstein, Julia Campbell, Melanie Curry, and Carter Rubin. *California Statewide Transit Strategic Plan: Recommendations for Caltrans*. California Department of Transportation. 2012.

Matute, Juan, Stephanie Pincetl, Julia Campbell, Mikhail Chester, Bill Eisenstein, Paul Bunje. *Shifting Perceptions, Shifting Modes: Perceived Opportunities and Barriers to Increasing Transit Ridership in California*. California Energy Commission. 2012.

Matute, Juan, Allison C. Yoh, Melanie Curry, Shira Bergstein, Julia Campbell, Florentina Craciun, Carter Rubin, and Brian Taylor. *One State, Many Visions: Transit Stakeholder*

Views on Planning for the Future of California's Mobility. California Department of Transportation. 2012.

DeShazo, J.R., and Juan Matute. *Measuring Progress towards Transportation GHG Goals: Required Actions for Successful SB 375 Implementation.* UCLA Luskin Center for Innovation. 2010.

Matute, Juan. *Improving the Capability of Local Governments to Accurately Calculate Greenhouse Gas Emissions from Transportation, Facility, & Utility Operations.* Master's Thesis. Los Angeles, CA: UCLA Department of Urban Planning. 2009

WORKING PAPERS

Matute, Juan. *California Policies to Reduce Transportation GHGs.* Policy Brief, Los Angeles, CA: UCLA Luskin Center for Innovation, 2010.

Matute, Juan. *Methods for Modeling GHG Emissions from Transportation.* Policy Brief, Los Angeles, CA: UCLA Luskin Center for Innovation, 2010.

Matute, Juan. *Transportation GHG Inventory Methodologies for Nations, Local Governments, and Entities.* Policy Brief, Los Angeles, CA: UCLA Luskin Center for Innovation, 2010.

Matute, Juan. *Use of EMFAC and Fuel Use Data to Create Transportation GHG Inventories in California.* Policy Brief, Los Angeles, CA: UCLA Luskin Center for Innovation, 2010.

Matute, Juan. "Allowance Tracking Under Greenhouse Gas Cap and Trade Programs." Internal strategy document for The Climate Registry, 2009.

OTHER PROJECT DELIVERABLES

TransitWiki.org – a platform for the identification and dissemination of best practices for California Transit Agencies. Funded by Caltrans Division of Mass Transportation. Available at www.transitwiki.org

Southern California Climate Action Database – a web-based repository of platform for the identification and dissemination of best practices for California Transit Agencies. Funded by Caltrans. Available at <http://kaizenergyllc.com/climate/CAD/index.html>

PROFESSIONAL SERVICE

Vice-Chair for Policy, Los Angeles Section of the American Planning Association

Follow state and local planning-related legislation and consult with membership about registering organizational support or opposition. Consult members on implications of new policy.

Co-Chair, Transportation Technical Advisory Committee, U.S. Community Protocol for Accounting and Reporting of Greenhouse Gas Emissions

Led a group of experts to create the Transportation appendix and wrote the passenger vehicle section of the protocol. The California Governor's Office of Planning and Research now recommends all California local governments use this protocol to measure community emissions.

Board Chair, Southern California Streets Initiative

The Southern California Streets Initiative is the 501(c)3 organization that runs Streetsblog LA and SoCal Streetsblog TV.

Member, Technical Advisory Committee, Energy Baselines – the Urban Metabolism of Los Angeles County.

Advising on methodological and accounting issues for ambitious life-cycle assessment of emissions and materials flows for the U.S.'s largest county.

Member, Technical Advisory Committee, Los Angeles Regional Collaborative for Climate Action and Sustainability

Primary client-side technical advisor for Los Angeles County's first GHG emissions inventory.

Member, Technical Advisory Committee and Transportation Systems Investment Working Group

Southern California Association of Governments. Southern California Climate and Economic Development Project.

PROFESSIONAL MEMBERSHIP

Member, American Institute of Certified Planners

Member, American Planning Association