

## Ria Hutabarat Lo

*policy, planning and  
design for social equity,  
sustainable transport,  
and urban public space  
in the Asia Pacific Region*

## Education

### University of California, Berkeley

PhD, City and Regional Planning, September 2011

Dissertation: Walkability Planning in Jakarta

Committee: Elizabeth Deakin, Robert Cervero, Jeffrey Hadler, Michael Southworth

### University of California, Berkeley

Joint Master of City Planning (MCP) & Master of Science (MSc) in Transportation Engineering, 2001

### University of New South Wales

Bachelor of Engineering in Environmental Engineering (First Class Honors), 1996

## Research and Publications

### Peer-Reviewed Scholarly Books, Monographs and Chapters

- + Hutabarat, Ria. "American freeways in Indonesia: Federal road development in San Francisco and Jakarta". In: *The Indonesian Town Revisited*, edited by Peter Nas. Münster, Germany: Lit Verlag, 2002.

### Peer-Reviewed Journal Publications

- + Hutabarat Lo, Ria. "Informality, Social Exclusion and the Validity of Standard Transportation Research: A Perspective from Jakarta", *Transportation Research Part A: Policy and Practice* (forthcoming article under review).
- + Hutabarat Lo, Ria. "The City as a Mirror: Transport, Land Use and Social Change in Jakarta", *Urban Studies* vol. 47, no. 3 (2010): 529–555. <http://online.sagepub.com>.
- + Hutabarat Lo, Ria. "Walkability: What is it?", *Journal of Urbanism* vol. 2, no. 2 (2009): 145–166. <http://journalonline.tandf.co.uk>.
- + Singa, Krute; Ria Hutabarat & Mary Chou. "Growth Visioning for the Westside Cities of Los Angeles", *Transportation Research Record* No. 1895. Washington, D.C.: National Academy of Sciences, 2004.
- + Hutabarat, Ria. "Jakarta: Megacity Planning in the New Millennium", *Colloqui Cornell Journal of Planning and Urban Issues* (2000): 136–156.

### Conference Papers

- + Hutabarat Lo, Ria. "Social Exclusion, Informality and the Application of Standard Transportation Knowledge in the Developing World." *American Collegiate Schools of Planning (ACSP) Conference*, Minnesota, 7–10 October 2010.

- + Hutabarat Lo, Ria. “Discourse and the Production of Pedestrian Urban Space in Jakarta”, *UC Berkeley-UCLA Conference on Space, Movement and Place in Southeast Asia*, Berkeley, 1–3 April 2010.
- + Tumlin, Jeffrey, Jarrett Walker, Jemae Hoffman and Ria Hutabarat. “Performance Measures for the Urban Village Transit Network”, *Transportation Research Board Annual Meeting*, Washington D.C., 9–12 January 2005. (externally refereed)
- + Hutabarat, Ria & Justine Lam. “Remedies for Driver Error”, *Transportation Research Board*, Washington D.C., 9–12 January 2005. (externally refereed)
- + Hutabarat, Ria; Chris Holleyman & Michael Lawrence. “Methods and Challenges Facing Truck Travel Demand Forecasting”, *XIII Panamerican Conference on Traffic and Transportation Engineering*. Albany, NY, 26–29 September, 2004. (externally refereed)
- + Hutabarat, Ria; Krute Singa & Lewison Lem. 2003. ‘Filling Up Faster: Induced Travel Demand Implications for Transportation and Land Use’, *9th Conference on the Application of Transportation Planning Methods*. Baton Rouge, Louisiana. (externally refereed)
- + Hutabarat, Ria. 2000. ‘Transportation, Landuse and Indonesia’s Urban Poor’, *ASPAC 2000*. Eugene, Oregon.  
<http://mcel.pacificu.edu/aspac/papers/scholars/hutabarat/hutabarat.htm>
- + Hutabarat, Ria, Kendall Banfield, Anna Göllner & Mark Diesendorf. “Social sustainability in passenger transport”, *Australasian Environmental Engineering Conference*. Auckland, New Zealand, 1999. 131–136. (externally refereed)
- + Banfield, Kendall, Ria Hutabarat & Mark Diesendorf. “Sydney’s passenger transport: Accounting for different modes”, *Australian Transport Research Forum*. Perth, Australia, 1999, pp. 269–285. (externally refereed)
- + Hutabarat, Ria, Des Harris & John Black. “Transport and sustainable development: considerations for Australia and approaches in the USA and UK”, *22nd Australasian Transport Research Forum*. Sydney, Australia, 1998, pp. 99–115. (externally refereed)

## Selected Consulting and Policy Reports

- + *Guidebook on Induced Travel Demand*. Prepared for the United States Environmental Protection Agency, Washington, D.C., 2003. (Main author for draft publication prepared by Jack Faucett Associates)
- + *Australian Transport and Sustainable Development: Draft Policy Directions*, Australian Department of Transport and Regional Services, Canberra, 1998. (Co-author for 23 October 1998 draft policy document)
- + *Regulatory Impact Statement for Revision of Australian Design Rules 70/00 and 30/00: Emissions and Smoke Control for Diesel Vehicles*, Australian Federal Office of Road Safety, Canberra, 1996. (Co-author, researcher and liaison)

## Scholarships and Awards

- + Dwight David Eisenhower Transportation Fellowship (USDOT), 2006-2007
- + University of California Transportation Center (UCTC) award for dissertation research, 2006, 2008
- + Institute of Transportation Engineers (ITE) graduate scholarship, San Francisco, 2001
- + Women's Transportation Seminar (WTS) Helene Overly Memorial Scholarship, San Francisco chapter, 2000
- + UC Berkeley non-resident block grant fellowship, 1999-2001
- + University of New South Wales Co-op scholarship, 1991-1995

## Research Grants

- + Dwight David Eisenhower Transportation Fellowship from the United States Department of Transportation (USDOT), 2006-2007. This award provided \$69,500 for dissertation research on pedestrian transportation. Field research was completed and published in a number of venues.

## Editorship or Editorial Board Membership

- + Assistant Editor, Berkeley Planning Journal, 2005-2006
- + Reviewer, Transport Policy, 2009-2011
- + Reviewer, Journal of Urbanism, 2011-
- + Reviewer, Journal of Planning Education & Research, 2011-

## Teaching Experience and Interests

### Courses Taught

Seminar in Urban & Regional Planning (UrbP200), San Jose State University, Fall 2011

- + Lecturer for a core course for master's degree students at San Jose State University. Course design encourages students to critically analyze discourse on urban and regional planning ethics, theory and history, and to participate in real world processes such as a local planning commission.

Urban Policy & Analysis (USP/PLSI480), San Francisco State University, Fall 2011

- + Lecturer for cross-listed undergraduate course on public policy development and analysis of metropolitan and urban issues with 44 students. Course design allows students to develop policy research and communication skills as they prepare a collaborative policy report, an op-ed essay and oral presentations.

Introduction to City & Regional Planning (CP110), University of California, Berkeley, Summer 2011/Spring 2009

- + Lecturer for summer session undergraduate course with 50 students from diverse disciplinary backgrounds. Subject matter was structured around different discursive approaches to planning, and reinforced through interactive lectures and integrated learning/assessment activities such as a collaborative team project on a planning-related problem identified from site observations.
- + Graduate Student Instructor (GSI) for a previous version of this course. Activities included a field trip, mock planning commission and discussions

designed to engage 24 students and prepare them for professional report writing.

Methods for City Planning (CP204A), University of California, Berkeley, Fall 2007

- + GSI for graduate core course with 45 students. Lab materials were supplemented with individualized tutoring for students of non-quantitative backgrounds and lab materials were upgraded to cater for visual learners.

Urban Communities (CP118AC), University of California, Berkeley, Fall 2001

- + GSI for upper division undergraduate course that fulfilled an “American Cultures” requirement. Discussion sections drew upon students’ experiences and current news media in order to contextualize and apply course materials.

### **Teaching Professional Development**

- + Syllabus and course design series, UC Berkeley, Spring 2011
- + Summer institute for preparing future faculty, UC Berkeley, 2010
- + Pedagogy in city and regional planning (graduate-level course), Fall 2007
- + Teaching conference for Graduate Student Instructors, UC Berkeley, 2007
- + Professional ethics and teaching (8 module online program), UC Berkeley, 2006

## **Professional Experience and Consulting Research**

### **Award-Winning Creative Works**

- + 2009 Merit Award from the Northern California Chapter of the American Society of Landscape Architects for *San Francisco State University Master Plan*. I was the project manager for transportation and parking elements undertaken by Nelson Nygaard Consulting Associates in conjunction with WRT|Solomon ETC and URS Corporation.
- + 2007 Merit Award for Excellence in Planning for an Established Campus from the Society for College and University Planning and the American Institute of Architects for the *Occidental College Master Plan*. I was the main associate who worked on the project for Nelson Nygaard Consulting Associates in conjunction with Moule & Polyzoides, and Van Atta Associates.

### **Nelson Nygaard Consulting Associates, San Francisco, California**

Senior Associate, 2004–2006, Consulting Associate (occasional) 2006–

- + Sustainable campus transportation planning, including an award-winning plan for Occidental College; parking and alternative transportation analysis for University of California, Davis; and master plans for a bio-technology research campus and San Francisco State University.
- + Pedestrian planning, traffic calming and shared street (*woonerf*) design for Plaza Fatahillah in Jakarta, Indonesia; and the Borderline neighborhood of Santa Monica, California.
- + Bicycle and pedestrian transportation policy, including expert advice on draft national guidelines for the Republic of Indonesia.
- + Transit-oriented development and station area planning at the Expo Light Rail terminus in Los Angeles County; Broadway-Commercial station in Vancouver, BC; and the Bayview-Hunters Point district of San Francisco.

- + Transportation impact analysis associated with mixed-use developments in West Hollywood and Palo Alto.
- + Developed quality of service (QOS) measures for Minneapolis and Seattle.

**Jack Faucett Associates, Lafayette, California**

Research Associate, 2002, Senior Research Associate, 2003, Acting Western Regional Manager, 2003–2004.

- + Growth visioning and integrated transportation and land use planning for the Southern California Association of Governments and the Westside Cities.
- + Transportation energy research including reports on sustainability, impacts and planning for California Department of Transportation (Caltrans).
- + Induced travel demand research, outreach documents and training delivery for regional staff at the U.S. Environmental Protection Agency (EPA).

**San Francisco Bay Area Rapid Transit District (BART), Oakland, California**

Research Associate, Planning Department, 2001

- + Research on environmental justice (EJ) issues affecting BART
- + Rail access analysis as part of Richmond Station Access Plan.

**University of California, Berkeley**

Graduate Student Researcher, Dept City & Regional Planning, 1999–2001

- + Contributed to a United Nations Commission on Human Settlements Programme project on informal transportation in developing world cities.
- + Research for East Bay Alliance for a Sustainable Economy to develop social equity indicators for the Bay Area’s transportation sector.
- + Analysis of induced travel demand on California State Highways for Caltrans.

**Institute for Sustainable Futures, University of Technology, Sydney**

Research Consultant, 1999

- + Full cost analysis and social equity assessment of different transport modes in Sydney.

**Australian Department of Transport and Regional Development (DoTRD), Canberra**

Policy Advisor – Sustainable Transport / Policy Coordination, 1996–1998

- + Consultations and development of a draft national policy on transport and sustainable development.
- + Assisted in developing a strategic plan for the Australian Transport Council (ATC)—comprising state and federal transport ministers.
- + Liaison with ATC to adopt sustainability as a guiding principle for transport in Australia.
- + Provided support for establishing and running the National Transport Council—a high-level industry advisory council to the Federal Minister.
- + Initiated Federal involvement and provided input on bicycle transport policy including development of “Australia Cycling: The National Strategy”.

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- + Regulatory impact assessment for the upgrading of diesel-engined vehicle emissions standards for the Australian Federal Office of Road Safety.
- + Represented DoTRD and wrote ministerial briefings and responses on equity and sustainable development issues.

## **New South Wales Department of Transport, Sydney**

Temporary Secondment – Planning Division, 1997

- + Liaison and research on the social and environmental costs of transport.

## **Sydney Water Corporation, Sydney**

Environmental Engineering Officer – Waste Water Environment Team, 1994–1995

- + Research and negotiation to establish Sydney Water’s groundwater program including contract management of initial groundwater assessment.
- + Provided advice to sewage treatment managers on environmental assessment procedures and legislation.
- + Delivered components of staff environmental awareness training.
- + Coordinated the Ocean Monitoring Program (on an acting basis)

## **Other Interests and Volunteer Activities**

- + Music ensembles (piano, cello and voice), music arrangement for various events, and piano teaching for over ten years
- + Moderate fluency in bahasa Indonesia
- + Ballet training and Indonesian dance performances for numerous events
- + Faith-based volunteerism including peer-counseling and delivery of training and on life issues such as study skills, finances, marriage and parenting
- + Volunteer coach for e-soccer program for typical and special needs children
- + Participant in Pleasanton Bicycle and Pedestrian Advisory Committee (BPAC)

## **References upon Request**