

Curriculum Vitae JACQUELINE M. KLOPP

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PROFESSIONAL APPOINTMENTS

- April 2019 Co-Director
Center for Sustainable Urban Development,
Earth Institute, Columbia University
- Sept 2018- Research Scholar
Present Center for Sustainable Urban Development
Earth Institute, Columbia University
- July 2010- Associate Research Scholar
Sept 2018. Center for Sustainable Urban
Development Earth Institute, Columbia University
- June 2016- Adjunct Assistant Professor
Present Senior Thesis Seminar for Sustainable Development Undergraduates
- June 2014- Research Associate, Institute of Development Studies
August 2016 University of Nairobi
- June 2003- Assistant Professor of International and Public Affairs
June 2010 School of International and Public Affairs, Columbia University
- June 2003- Interim Director Economic and Political Development Concentration
June 2008 School of International and Public Affairs Columbia University
- Managed a 200 student program in international development, Tasks included curriculum development, programming, student advising and staffing. With the Workshop Director oversaw the applied workshop in international development, which involved creating and managing 16 junior consultancy teams of students involved in projects all over the world.
- June 2001- Adjunct Assistant Professor of International Affairs
June 2003 School of International and Public Affairs
Columbia University

- 2001-2003 Economist Intelligence Unit-principle author and researcher for the Kenya Commerce Report
- 1988-1990 Teacher Math and Physics
Lubinu Boys School, Western Kenya (Michael Rockefeller Fellowship)

EDUCATION

- 2001 Ph.D. Political Science
McGill University
Comparative Politics and Political Theory
- 1994 M.A. Political Science McGill University
- 1988 A.B. cum laude, Harvard University

PEER-REVIEWED ARTICLES

Jacqueline M. Klopp and Clemence Cavoli. “Mapping Mass Mini-Bus Transit in Maputo and Nairobi: Engaging ‘Paratransit’ in Transportation Planning for African Cities” *Transport Reviews* 2019.

<https://www.tandfonline.com/doi/full/10.1080/01441647.2019.1598513>

Catherine Boone, Alex Dyzenhaus, Seth Ouma, James Kabugu Owino, Catherine Gateri, Achibe Gargule, Jacqueline Klopp and Ambreena Manji. 2019. ‘Land Law Reform in Kenya: Devolution, Veto Players and the Limits of an Institutional Fix’ *African Affairs*, Volume 118, Issue 471, April 2019: 215–237

<https://academic.oup.com/afraf/article/118/471/215/5380591>

Kayleigh Campbell James Rising, Jacqueline Klopp and Jacinta Mwikali 2019. “Accessibility Across Transport Modes and Residential Types in Nairobi” *Journal of Transport Geography* Volume 74. January 2019: 77-90

<https://www.sciencedirect.com/science/article/pii/S0966692317308244?dgcid=coauthor>

Herrie Schalekamp and Jacqueline M. Klopp. 2018. “Beyond BRT: Innovation in Minibus-Taxi Reform in South African Cities” 37th Southern African Transport Conference 9-12 July 2018.

Jacqueline M. Klopp and Odenda Lumumba. 2017. “Reform and Counter Reform in Kenya’s Land Governance”. *Review of African Political Economy*. December Vol 44 (153). <http://www.tandfonline.com/doi/full/10.1080/03056244.2017.1367919>

Priyanka deSouza, Victor Nthusi, Jacqueline M. Klopp, Bruce E Shaw, On Ho Wah and John Saffell, Roderic Jones and Carlo Ratti. 2017. "A Nairobi Experiment in Using Low Cost Air Quality Monitors". *Clean Air Journal* November. 27 (2): 12-42.

http://www.cleanairjournal.org.za/journals/volume27_no2_2017/volume27_no2_2017_p12.php

Jacqueline M Klopp and Danielle Petretta. 2017. "The Urban Sustainable Development Goal: Indicators, Complexity and the Politics of Measuring Cities" *Cities* March. <http://www.sciencedirect.com/science/article/pii/S0264275116303122>

Nicole Ngo, Jacqueline Klopp and Simon Kokoyo. 2017. "Why Participation Matters for Air Quality Studies: Risk Perceptions, Understandings of Air Pollution and Mobilization in a Poor Neighborhood in Nairobi, Kenya." *Public Health*. <http://dx.doi.org/10.1016/j.puhe.2015.07.014>

Sarah Williams, Peter Waiganjo, Adam White, Dan Orwa and Jacqueline M. Klopp. 2015. The Digital Matatu Project: Using Cellphones to Create Open Source Data for Nairobi's Semi-formal Bus System" *Journal for Transport Geography* 49: 39-51. <http://www.sciencedirect.com/science/article/pii/S0966692315001878>

Sarah Williams, Jacqueline Klopp, Peter Waiganjo, Daniel Orwa, Adam White. 2015. "Digital Matatus: Using mobile technology to visualize informality", Proceedings Association of Collegiate Schools of Architecture 103rd Annual Meeting: The Expanding Periphery and the Migrating Center.

Jacqueline M. Klopp, Jonathan Chanin, Peter Ngau and Elliott Sclar. 2014. "Globalization and the Urban Studio: Evaluating an Inter-University Studio Collaboration in Nairobi" *International Development Planning Review* 36 (2): 205-226.

Sarah Williams, Elizabeth Marcello, and Jacqueline M. Klopp. 2014. "Open Source Nairobi: Creating a GIS Database for the City of Nairobi to Provide Equal Access to Information" *Annals of the Association of American Geographers* 104:1, 114-130.

Jacqueline M. Klopp, Elizabeth Marcello, George Kirui, and Henry Mwangi. 2013. "Can the Internet Improve Local Governance? The Case of Ruiru, Kenya" *Information Policy* 18(1): 21-42.

Jacqueline M. Klopp. 2012. "Deforestation and Democratization: Patronage, Politics and Forests in Kenya" *Journal of Eastern African Studies* 6:2: 351-370.

Jacqueline M. Klopp 2012. "Towards a Political Economy of Transportation Policy and Practice in Nairobi" *Urban Forum* 23:1: 1-21.

Jacqueline M. Klopp and Kipkosgei Sang. 2011. "Maps, Power and the Destruction of the Mau Forest in Kenya" *Georgetown Journal of International Affairs* Spring Issue: 125- 134.

Jacqueline M. Klopp. 2008. "Remembering the Muoroto Uprising: Slum Demolitions, Land and Democratization in Kenya" *African Studies* 67(3): 295-314.

Jacqueline M. Klopp and Nuur Mohamud Sheekh. 2008. "Can the Guiding Principles make a difference in Kenya?" *Forced Migration Review*: 19-20.

Prisca Kamungi and Jacqueline M. Klopp. 2007. "Failure to Protect: Lessons from Kenya's IDP Network", *Forced Migration Review*: 28: 52-53.

Jacqueline M. Klopp and Elke Zuern. 2007. "The Politics of Violence in Democratization: Lessons from Kenya and South Africa", *Comparative Politics* 39 (2) January: 127-146.

Jacqueline M. Klopp. 2002. "Can Moral Ethnicity Trump Political Tribalism? The Struggle for Land and Nation in Kenya", *African Studies*, 61 (2): 269-294.

Jacqueline M. Klopp and Janai R. Orina. 2002. "University Crisis, Student Activism, and the Contemporary Struggle for Democracy in Kenya", *African Studies Review*, 45 (1): 43-76.

Jacqueline M. Klopp. 2001. "'Ethnic Clashes' and Winning Elections: The Case of Kenya's Electoral Despotism", *Canadian Journal of African Studies*, 35 (3): 473-517.

Jacqueline M. Klopp. 2000. "Pilfering the Public: The Problem of Land Grabbing in Contemporary Kenya", *Africa Today*, 47(1): 7-26.

MANUSCRIPTS IN PREPARATION OR UNDER REVIEW

Robert Pinder, Jacqueline M. Klopp, Gary Kleiman, Gayle S. W. Hagler, Yewande Awe and Sara Terry. "A Call to Action: We Can Address the World's Air Quality Gap" (under preparation for *Atmospheric Environment*)

Jacqueline M. Klopp, Jesse Harber and Magnus Quarshie. 2018. "A Review of BRT as Public Transport Reform in African Cities" VREF Working Paper.

Awe, Yewande, Gayle Hagler, Gary Kleiman, Jacqueline M. Klopp, Rob Pinder and Sara Terry "Filling the Gaps: Improving Measurement of Air Quality in Low and Middle-Income Countries" United States Environmental Protection Agency and World Bank working paper (to be presented at United Nations Environment Assembly 2017- under preparation/draft form).

Jacqueline M. Klopp and Jeffrey Paller. "Exit, Voice and Loyalty: Contentious Urbanization in Accra and Nairobi" (under preparation).

Jacqueline Klopp, Peter Ngau, Jeremiah Ayonga and Rose Musyoka. "Urban and Peri-Urban Expansion and Land Governance in the Nairobi Metropolitan Region" (Under preparation)

Jacqueline Klopp and Victor Rateng. "Transportation Planning and the Democracy Deficit: Results of a Public Opinion Poll in Nairobi" (Under preparation)

BOOK PROJECT

Jacqueline Klopp and Elliott Sclar. *Paradigms in Motion: A Political Economy of Transportation Planning in Nairobi* in progress.

BOOK CHAPTERS

Jacqueline M. Klopp and Jeffrey Paller. 2019. ""The Politics of Slums in Africa." Oxford Encyclopedia of African Politics. Oxford University Press. Forthcoming.

Jacqueline Klopp and Clemence M Cavoli. 2018. "The Paratransit Puzzle; Master Planning for Transportation in Maputo and Nairobi" in *(Im)mobilities in the city – creating knowledge for planning cities in the Global South and postcolonial cities* edited by Tanu Priya Uteng and Karen Lucas Routledge.

Jacqueline M. Klopp and Winnie Mitullah. 2016. "Politics, Policy and Paratransit: A View from Nairobi" in *Paratransit for African Cities* edited by Roger Behrens, Diane McCormick and David Mfinanga. Routledge.

Jacqueline Klopp, Williams Sarah, Peter Waiganjo, Dan Orwa and Adam White. 2015. "Leveraging Cellphones for Wayfinding and Journey Planning in Semi-formal Bus Systems: Lessons from Digital Matatus in Nairobi" in *Planning Support Systems and Smart Cities*," (Springer) in conjunction with the conference Computers in Urban Planning and Urban Management April 2015 MIT.

Jacqueline M. Klopp and George Makajuma. 2014. "Transportation Infrastructure Integration in East Africa in Historical Context" in *Integration of Infrastructures* edited by Martin Schiefelbusch and Hans-Ludger Dienel (Surrey: Ashgate): 115-136.

Jacqueline M. Klopp and Odenda Lumumba. 2014. "Kenya and the 'Global Land Grab': A View from Below" in *Beyond the Hype: A Critical Analysis of the Global 'Land Grab'* edited by Annelies Zoomers and Mayke Kaag. (London: Zed Press): 54-70.

Jacqueline M. Klopp. 2009. "The National Council of Churches of Kenya and the Struggle against 'Ethnic Clashes' in Kenya" in *Religion and Politics in Kenya* edited by Ben Knighton. (Palgrave Macmillan): 183-200.

Jacqueline M. Klopp. 2006. "Kenya's Internally Displaced: Managing Civil Conflict in Democratic Transitions" in *East Africa and the Horn: Confronting Challenges to Good Governance*, edited by Dorina Bekoe (Boulder: Lynne Reinner): 59-80.

DATA

DigitalMatatus GTFS database for bus routes in Nairobi. Available at <http://www.digitalmatatus.com>

FILMS

"Traffic Monsters"

<https://www.youtube.com/watch?v=zBa2M6Fwn3A>

"Lollipop Man"

https://www.youtube.com/watch?v=Qk0zfi_-2fg (shown on Kenya Television Network)

OP-EDS

Jacqueline M. Klopp. 2018. "Visualizing Popular Transport" LSE Urban Age publication (<https://files.lsecities.net/files/2018/11/Developing-Urban-Futures-Urban-Age-conference-newspaper.pdf>) November 2018.

Jacqueline M. Klopp. 2018. "Africa's Urban Future and Mobility: Building for Prosperity in the Digital Age" (<https://africanleadership.co.uk/africas-urban-future-and-mobility-building-for-prosperity-in-the-digital-age/>) in *African Leadership Magazine*. November 16th 2018

Jacqueline M. Klopp. 2017. "Why the Proposed Matatu Ban Will Not Work" Nairobi News. September 18, 2017. <http://nairobi.news.nation.co.ke/news/proposed-cbd-matatu-ban-will-not-work/>

Jacqueline M. Klopp and Danielle Petretta. "Can we actually agree on indicators to measure urban development?" September 19, 2016. *Citiscope* <https://shar.es/18aj3V>

Jacqueline M. Klopp and Jeffrey Paller. "How elites and corruption have played havoc with Nairobi's housing" June 14, 2016. *The Conversation* <https://theconversation.com/how-elites-and-corruption-have-played-havoc-with-nairobis-housing-60865>

Jacqueline M. Klopp. "Children's Needs Ignored in Nairobi's Physical Planning" *Daily Nation Kenya* April 6, 2016.

<http://www.nation.co.ke/lifestyle/DN2/Children-PLAY-ignored-in-Nairobi-physical-planning/-/957860/3148798/-/au7xbm/-/index.html>

Jacqueline M. Klopp and Jeff Paller “How Africa Can Build Safe and Sustainable Cities” October 12, 2015.

<http://qz.com/522253/how-africa-can-build-inclusive-safe-and-sustainable-cities/>

Jacqueline M. Klopp. “Cities in Motion: How we mapped Nairobi’s matatus” *The Guardian* February 19, 2014.

<http://www.theguardian.com/cities/2014/feb/19/cities-motion-how-we-mapped-matatus-nairobi>

Jacqueline M. Klopp “Kenya’s Jubilee Election: What Next?” *African Futures* April 2013. <http://forums.ssrc.org/african-futures/>.

Jacqueline M. Klopp. “Kenya Struggles to Fix Itself” *Current History* May 2012.

Jacqueline M. Klopp and Nuur Mohamud Sheekh. “Post-Election Violence Victims Still Leading a Wretched Existence” *Daily Nation* December 27 2011.

<http://allafrica.com/stories/201112280088.html>

Jacqueline M. Klopp “How to solve Kenya’s refugee crisis” *Daily Nation*. March 26, 2008: 4.

“Kenya’s Path to Peace” *Open Democracy*

http://www.opendemocracy.net/article/kenyas_path_to_peace, February 7, 2008

“The real reason for Kenya’s violence”, *Christian Science Monitor*, op-ed, January 14 2008.

PRESS ARTICLES AND INTERVIEWS

CityFix “A New Idea of Liberty” Transforming Transportation 11 January 2018.

<http://thecityfix.com/blog/live-from-transforming-transportation-2018-a-new-idea-of-liberty-schuyler-null-talia-rubnitz/>

Meeting of the Minds Blog featured work November 2017.

<http://urban.meetingoftheminds.org/wp-content/uploads/2017/10/TheAnnual%E2%80%94MotM2017.pdf>

Press Interview in *The Economist* article by Daniel Knowles. “Exploitation and Short-sightedness in Africa’s Slums” <http://www.economist.com/news/middle-east-and-africa/21721141-making-slums-less-exploitative-may-be-africas-biggest-challenge-exploitation-and> April 20, 2017

Research cited in the Washington Post article by Jeffrey Paller on "How to build the better cities of tomorrow? It takes careful planning — and political science research" <http://wpo.st/Sj5G2> October 20 2016.

Interview in Washington Post article "This start-up wants to revolutionize the bus commute and make lives better" October 15, 2016.

(https://www.washingtonpost.com/local/trafficandcommuting/this-start-up-wants-to-revolutionize-the-bus-commute-and-make-lives-better/2016/10/15/66e31b58-8f20-11e6-9c52-0b10449e33c4_story.html)

Interview by the Institute for Transportation Policy on "How Cellphones Can Improve Transportation in Africa" (<https://www.itdp.org/cell-phones-change-transportation/>) which was reproduced by The Conversation on October 2, 2016 (<https://theconversation.com/using-data-from-cellphones-to-help-nairobi-crack-commuter-stress-65659>)

Profile on French National Radio: "A Nairobi, une américaine réinstaure les arrêts de bus" 10 December 2015.

<http://www.franceinter.fr/emission-l-esprit-d-initiative-a-nairobi-une-americaine-reinstaure-les-arrets-de-bus>

Press Interview BBC Click 20 October 2015.

<http://www.bbc.co.uk/programmes/p0355k8j>

Press Interview *The Economist* "In praise of matatus" 12 September 2015

<http://www.economist.com/news/middle-east-and-africa/21664214-increasing-affluence-risks-strangling-market-driven-system-works-praise>

Press Interview "Mapping Matatus" *National Geographic Education* 28 August 2015.

<http://blog.education.nationalgeographic.com/2015/08/28/mapping-matatus/>

Press Interview "How Nairobi got its ad-hoc bus system on Google maps" *Wired* 26 August 2015

<http://www.wired.com/2015/08/nairobi-got-ad-hoc-bus-system-google-maps>

Press Interview *Economist* Intelligence white paper. 2015. "How mobile is transforming passenger transportation: Clearing the way for more liveable cities".

<http://www.economistinsights.com/analysis/how-mobile-transforming-passenger-transportation>.

Press Interview "Developing World Gets City Smart"

<http://www.scidev.net/global/cities/feature/developing-world-city-smart.html>

November 19, 2014.

Press reference: "No place for civic consciousness in checking greed of the elite" Godwin Murunga *Daily Nation* September 5, 2014.

<http://www.nation.co.ke/oped/Opinion/Civil-Society-Corruption-Greed/-/440808/2442748/-/l2t7rg/-/index.html>

Press Interview: "Traffic Costs Nairobi \$570,000 a Day as No. 2 Africa Hub" 26, March 2014. Bloomberg News, <http://www.bloomberg.com/news/articles/2014-03-25/nairobi-traffic-loses-570-000-a-day-as-no-2-africa-hub>

Press Interview: "Mapping Nairobi's Crazy Informal Transit System For The First Time" <http://www.fastcoexist.com/3026350/mapping-nairobis-crazy-informal-transit-system-for-the-first-time> February 24, 2014 by Adele Peters.

Press Interview "This is what informal transit looks like when you actually map it" <http://www.theatlanticcities.com/commute/2014/02/what-informal-transit-looks-when-you-actually-map-it/8283/> *Atlantic Cities* February 3, 2014.

TV Interview by Jamal Osman. [Channel 4 news in the UK](#) March 1, 2013.

Press Interview by Zoe Flood in "Land holds key to Kenyan rivalries" [Al Jazeera](#), March 4, 2013.

Press Interview by Katrina Manson in "Fears of Violence overshadow Kenyan poll" [Financial Times](#) January 24, 2013.

Guest on "The Trend" Nation TV, Kenya, May 4 2012.

POLICY ARTICLES AND REVIEWS

Mohamed Hegazy, Adham Kalila, Jacqueline M. Klopp, Sar-Abu Henedy. 2018. "Towards Transit Centric New Desert Communities in the Greater Cairo Region" Policy Paper commissioned by the Alternative Policy Institute, American University Cairo. Forthcoming.

Jacqueline M Klopp and Herrie Schalekamp. "A Preliminary Review of Current Minibus-Taxi Reform Initiatives in South African Cities". World Bank (ICT and Transport Group) and National Treasury of South Africa Working Paper. forthcoming

Informal 2.0: Seeing and Improving Urban Informal Practices through Digital Technologies: The Digital Matatus case in Nairobi" Field Actions Science Report Special Issue (2017): 39-43 · January 2017
<http://factsreports.revues.org/4321>

Jacqueline M. Klopp. "Indicators for Cities. Localizing the SDGs" Global Governance Spotlight. 2/2017. Stiftung Entwicklung und Frieden (sef:) / Development and Peace Foundation.

Catherine Boone, Alex Dyzenhaus, Seth Ouma, James Kabugu Owino, Catherine Gateri, Achibe Gargule, Jacqueline Klopp and Ambreena Manji. 2016. "Land Politics under Kenya's New Constitution: Counties, Devolution, and the National Land Commission. London School of Economics Working Paper. No. 16-178.
<http://www.lse.ac.uk/internationalDevelopment/publications/Working-Papers/WP178-Catherine-Boone.aspx>

Keffa K. Magenyi, Joyce W. Karanja, Jacqueline M. Klopp, Chris Huggins, and Lindsey Li. *The Potentials of the Kenyan Policy and Legal Framework for Addressing Internal Displacement*, Norwegian Refugee Council.

Jacqueline M. Klopp. 2014. Review *Land Law Reform in Eastern Africa Traditional or Transformational?* by Patrick McAuslan. Oxon and New York: Routledge, 2013. *Governance in Africa* 1(1): 6 DOI: <http://dx.doi.org/10.5334/gia.af>

Jacqueline M. Klopp. 2013. Review of *I Say to You: Ethnic Politics and the Kalenjin in Kenya* by Gabrielle Lynch. Chicago and London: University of Chicago Press in *African Affairs*, 112 (447): 332.

Jacqueline M. Klopp, Peter Ngau and Elliott Sclar. 2011. "University/City Partnerships: Creating Policy Networks for Urban Transformation in Nairobi" *Metropolitan Universities* 22(2): 131-142.

Jacqueline M. Klopp. 2011. Review of *Refugees, the State and the Politics of Asylum in Africa*, by James Milner. Basingstoke: Palgrave Macmillan, 2009. *African Affairs* Volume 110 Issue 440: 503-504.
<http://afraf.oxfordjournals.org/content/110/440/503.full>
See also the video discussion at <http://vimeo.com/19418763>

Jacqueline M. Klopp, Jeremiah Ayonga and Peter Ngau. "Challenges in Urban and Peri- Urban Land Governance in Nairobi: Dynamics, Tactics and issues" for the World Bank Finance, Economics and Urban Development Department, Sustainable Development Network (Manuscript publication by World Bank in progress).

Jacqueline M. Klopp, Patrick Githinji and Keffa Karuoya. "Internal Displacement and Local Peacebuilding in Kenya: Challenges and Innovations" 2010. United States Institute of Peace. Available at <http://www.usip.org/publications/internal-displacement-and-local-peacebuilding-in-kenya>

Jacqueline M. Klopp. "Settlement, Resettlement and Displacement: Some Comparative Lessons from Sri Lanka" Nguzo za Haki: A Publication of the Kenya National Commission on Human Rights. Issue 9. December 2009.

Jacqueline M. Klopp. Review of Makau Mutua. Kenya's Quest for Democracy: Taming Leviathan. *African Studies Review* 52 (1) April 2009 reproduced in the *Daily Nation* June 19, 2009.

Jacqueline M. Klopp. "Kenya's Unfinished Agendas" *Journal of International Affairs* 62 (2): 143-158. 2009.

Prisca Kamungi and Jacqueline M. Klopp. "The Challenges of Protecting the Internally Displaced through the International Conference on the Great Lakes Region"

Jacqueline M. Klopp. "The Politics of Displacement" e-International Relations, <http://www.e-ir.info/?p=505> July 2, 2008.

Jacqueline M. Klopp. "Kenya's Internal Displacement: Impunity Again?" *Horn of Africa Bulletin*, March 1-3, 2008.

Jacqueline M. Klopp and Prisca Kamungi "Will Kenya Collapse?" *World Policy Review* 24 (4): 11-18 Winter 2007/08

AWARDS

Digital Matatus (a collaborative project of minibus mapping in Nairobi with Sarah Williams, Peter Waiganjo, Dan Orwa and Adam White) Won:

2016 "Digital Cairo" with TransportforCairo Winner of a Dubai Expo 2020 Innovation Award

2016 Nominet Trust award (<http://www.socialtech.org.uk/projects/digital-matatus/>)

2016 Sustainia Award Top 100 Nominee (<https://www.connect4climate.org/article/launching-sustainia-community-award-campaign>)

2015 Research and Innovation Award, International Union of Road Transporters

2014 Participatory Architecture award at the Media Architecture Biennale in Copenhagen on November 21, 2014.
<http://mab14.mediaarchitecture.org/news/worlds-best-media-architecture-awarded/>.

GRANTS/FELLOWSHIPS

“Ethical Border Trading Between Kenya and Uganda” GI-ACE, UKAID 2019.

“Research and Facilitation Support to the World Resources Institute on Minibus Mapping and Reform” World Resources Institute 2017.

“Public Transport Advocacy in African Cities: Case Studies of Policy Change” Volvo Research and Education Foundations. 2017-2018.

“Urban Heritage, Sustainability and Social Inclusion” New York Community Trust 2017-2020 (co-PI with Erica Avrami as PI)

“USAID Municipal Waste Recycling Program” with Elliott Scar. USAID. 2017-2020

“The Transportation Transition” with Elliott Sclar 2017-2018 Volvo Research and Education Foundations/The American Assembly

“Reimagining Nairobi: A Policy Network Approach” Volvo Research and Education Foundations. 2014-2016.

“Sustainability and the City: An Exploration of Concepts, Metrics and Practices” Advanced Consortium on Cooperation, Conflict and Complexity

“Towards a Data Standard for Paratransit” Rockefeller Foundation 2013-2014

“Smart Transport and Equity: A Nairobi Test Case” Rockefeller Foundation 2012-2013

(With Patrick Kinney and Nicole Ngo) “Air Quality, Socio-economic Status and Policy: A Nairobi Case Study” Institute for Social and Economic Research and Policy, Columbia University to support PhD student Nicole Ngo to do air quality study in Nairobi

(With Elliott Sclar) Rockefeller Foundation, 2009-2010 for collaborating with the Department of Urban and Regional Planning (University of Nairobi) to develop new approaches to land-use and transport policies/urban planning in metropolitan Nairobi

(With Michel Sauquet and Mamadou Diouf) Alliance Program to start a new course on “Africa and the Politics of Globalization” at Columbia University 2009

United States Institute for Peace. To develop a policy paper on “Internal Displacement and Peace-building in Kenya 2009

RECENT CONSULTING/POLICY EXPERIENCE

March 2018- April 2019	Sub-Saharan Africa Transport Programme, expert reviewer on Kenya
Oct 19-20 2017	Consultation on a draft General Comment of the UN Committee on Economic, Social, and Cultural Rights on access to land and economic, social, and cultural rights Columbia Law School (pro-bono)
Sept-Oct 2017	Reviewer of the Center of Transport Studies For the University Research Council University of Cape Town
June –Oct 2017	Minibus Taxi Reform in South Africa Policy Paper South African National Treasury/ World Bank
May 2015	Expert Reviewer for United Nations Independent Commission on Multilateralism (ICM) Report Fragile States and Fragile Cities (pro-bono)
February 2015	Expert Reviewer for the City County of Nairobi/United Nations Environment Programme Non-Motorized Transport Policy (pro-bono)
December 2014	Expert Reviewer for the United Nations Economic Commission for Africa Report “Structural Transformation and Urbanization in Africa” Addis Ababa, Ethiopia December 2014 (pro-bono)
October- November 2014	Expert Reviewer for VINNOVA, Swedish Agency for Innovation, Research and Development (reviewed the performance of the Center for Sustainable Communications, KTH, Stockholm)
March April 2014	Overseas Development Institute-co-wrote (with James Gachanja) strategy for African Development Bank on how to link transport lending to inclusive green growth
November 2013- Present	Social Science and Research Council China in Africa Working Group (co-organized conference the Making Sense of the China-Africa Relationship: Theoretical Approaches and the Politics of Knowledge Conference Yale University 18-19 November, 2013)
March 2013	Short-term observer of the Kenyan Elections The Carter Center
May 2012-	Advisor for Cairo from Below http://cairofrombelow.org/

Present

November 2012	Political adviser for The Carter Center pre-election assessment mission in Kenya
June 2012-August 2013	Consultant on evaluation of USAID Kenya Transitions Initiative.
2009-2010	Consultant for the World Bank Finance, Economics and Urban Development Department, Sustainable Development Network on land governance study in Kenya
2008-Present	Board Chair Internal Displacement Policy and Research Center, Kenya

SELECTED RECENT INVITED TALKS/ROUNDTABLE DISCUSSIONS

Invited Expert Panel. World Cities Report 2020. UN-Habitat , Geneva, May 7-8, 2019.

“BRT and Minibus Systems in African Cities”. Invited Speaker. “Governance of Metropolitan Transport” in Lund on 8-10 April.

Invited panelist and participant 100ResilientCities workshop Addis Ababa 3-4 Dec 2018.

Invited panelist ‘Transitions and Technology’ at the LSE Developing Urban Futures conference in Addis Ababa November 30 2018.

Invited panelist “[The Future of Transit Mapping “ a panel discussion at the New York Transit Museum](#) 11 October 2018. New York.

“Leveraging the Digital World to Improve Public Transport” Digital Cairo Forum on Mapping Mobility, 26 September 2018 Cairo.

Invited Panelist a on High Level African Ministerial Panel on “Africa’s Rapid Urbanization and the Response to Urban Mobility in the Digital Age” at the [Africa Transport Policy Program \(SSATP\) annual meeting](#) in Abuja, Nigeria July 6, 2018.

Invited speaker at the SSATP workshop session on “Digital Transport for Africa: Towards an Open & Collaborative Digital Platform to Improve African Urban Public Transport” where [DigitalTransport4Africa.org](#) an open, collaborative platform to support cities to create and share high quality public transport data was launched. Abuja, Nigeria July5, 2018.

Invited panelist with London School of Economics- Cities “African Centre for Cities International Urban Conference 2018, University of Cape Town. 1-3 February 2018.

Invited panelist at “Transforming Transportation” January 2018, World Bank, Washington DC. <http://live.worldbank.org/transforming-transportation-2018>

“Minibus Mapping in African Cities” World Resources Institute/Addis Ababa Transport Authority, December 6, 2017 Addis Ababa.

Invited panelist and co-organizer with the French Development Agency. “Towards an Open & Collaborative Digital Data Platform to improve African Urban Public Transport”. November 9, 10th Paris www.digitaltransport4africa.org

Invited panelist at Forum “Regional Exchange Project: Public Transport in MENA: Amman, Beirut and Cairo” American University of Cairo, Cairo, 2 October 2017.

Invited panelist at Forum « Mobilities & Transports » organized by Paris Process on Mobility and Climate (PPMC) and the coalition of Transportation Actors (CODATU), Climate Chance Conference, Agadir Morocco September 12, 2017.

“Paratransit Mapping in African Cities” University of Cape Town, Cape Town, August 28, 2017. Lecture available at Open UCT <http://hdl.handle.net/11427/25004>

“Leveraging Cell Phones and Citizens to Transform Public Transport: Lessons from Nairobi” Meeting of the Minds Webinar with Henry Ochieng. Available at: <http://meetingoftheminds.org/cal/leveraging-cell-phones-citizens-transform-public-transport-lessons-nairobi>

“Advocacy Strategies for Just and Inclusive Cities” Mobilize Santiago, Santiago June 28, 2017.

“Equality and Public Transportation” Columbia Global Center and CEDEUS, Santiago, Chile June 26, 2017.

Future African Mobilities organized by ‘AfricaforTech’, Marrakech, Morocco November 2-4 2016.

“ICT and Economic Inclusion in Africa” organized by the London School of Economics at Bellagio, Italy, September 26-30 2016.

“Mobilize Yichang” meeting on sustainable transport around the world. September 21-23, 2016 Yichang, China

“The State of Kenya’s Land Policy and Law Reform” Institute of French Research in Africa conference on The Politics of State Interventions in Land Rights in East Africa. Nairobi 22 June 2016.

“Reform and Counter-reform in Kenya’s Land Governance” (part of the London School of Economics Inequality Institute Project on “Decentralized, Democratic Land Management in Kenya: Implications for Land Inequality, Land Security, Land Markets” Nairobi 21 June 2016.

with Clemence Cavoli. “Mapping Mass Mini-Bus Transit in Maputo and Nairobi: Transparency and Accountability in Transport Planning in African Cities” Annual Association of Geographers meeting San Francisco 29 March 2016.

with Odenda Lumumba “The State of Kenya’s Land Policy and Law Reform: A Political Institutional Analysis” Annual World Bank Conference on Land and Poverty. Washington DC. March 14-18, 2016.

with Sarah Williams. “The Digital Matutus Project: Collaborative Open Data Projects, Informality and Transportation Advocacy” Invited talk Institute of Transportation Studies and Metropolitan Global Studies UC Berkeley. 26 February 2016.

“Infrastructure Power: Road Building, Politics and the Future of African Cities” Technical University of Kenya, Department of Urban Planning Nairobi, 27 Jan 2016.

“Migrants and Cities” United Nations with International Organisation on Migration, 11 December 2015

with Peter Waiganjo. “Expanding Digital Matatus for Africa” UNDP-Africa Addis Ababa, 9 October 2015.

“Navigating Nairobi” in *Infrastructural Life in Africa* Institute of African Studies, Columbia University 6 March 6 2015.

“The Digital Matatu Story: The Power of Open Data for Transport”, *Transforming Transportation* World Bank. Washington DC. January 16, 2015.

“Infrastructure Power: Road Building, Politics and the Future of African Cities”, Dept. of Architecture, Catholic University of Leuven, Belgium. November 25, 2014.

“Mapping and Mobilizing for Change in Cities: The Digital Matatu Story”, University of Miami Keynote Lecture for GIS Day. Miami. November 19, 2014.

With Henry Ochieng. “Action and Research on Nairobi’s Highways” *Transforming Access, Mobility and Delivery in Cities*, New York 23 October 2014.

“Infrastructure Power or Why We Need to Study Roads”, University of Nairobi, Institute for Development Studies Nairobi, Kenya, September 1, 2014.

“Open Transit Data for Nairobi: Supporting cities with improved public transit/lower emissions” Low Emissions Development Strategies Meeting. Addis Ababa, Ethiopia, August 28, 2014.

“Open Transit Data for Nairobi” Short Talks, Big Ideas series NYU Rudin Center for Transportation Policy & Management, New York, April 7, 2014.

“Public Transit and Planning” Technical University of Kenya, Nairobi, Kenya. March 11, 2014

“Infrastructure Power and African Megaprojects: The Case of the Thika Super Highway” Building the City: Planning, Participation and Practice in East Africa Workshop, British Institute of East Africa Nairobi, Kenya, March 6-7 2014.

TEACHING EXPERIENCE/CURRICULUM DEVELOPMENT

Developed the new course in collaboration with The American Assembly on “Innovation, Access and the Urban Transportation Transition” for the MA in Sustainability Management to be launched this summer. See the link: <http://blogs.ei.columbia.edu/2017/05/01/using-new-york-city-as-an-experiential-learning-lab-for-new-sustainable-transportation-course/>

Produced a lecture “Lessons from the Field” for a Transport Mapping Training Course for the World Bank Open Learning Campus available at <https://olc.worldbank.org/content/introduction-general-transit-feed-specification-gtfs-and-informal-transit-system-mapping>

Invited to be a Curriculum/Program Reviewer of the Center for Transport Studies, University of Cape Town 2017.

Barnard Senior Seminar (Undergraduate Level): Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017.

Introduction to International Development Columbia University, Spring 2005, Fall 2006, 2007, 2008, 2009. Overview of the shifting ideas and politics of development

Policy Analysis of Development Columbia University, Fall 2001, 2002, 2003, 2004, 2006. Overview of the theory and practice of development policy and advocacy

Methods for Development Practice Columbia University, Fall 2004. Survey and critical analysis of methods for development project management

Re-placing African Development New School University, Fall 2003 Overview of the politics of development policy-making in Africa

Economic and Political Development Applied Workshop, Columbia University, Spring 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011

Africa and the Politics of Globalization (with Mamadou Diouf) Columbia University, Spring 2009.

THESIS COMMITTEE SERVICE: Alice, Zhang Wong, Columbia University 2019 (thesis committee) Nyambura Githaiga Department of Political Studies University of Ottawa 2016, Herrie Schalekamp Department of Civil Engineering University of Cape Town 2015, Peter Karari, Department of Political Studies University of Manitoba, 2014, Margaret Macharia Dept. of Architecture, Catholic University of Leuven, Belgium 2014. Andrea Rizvi, Graduate Program in Architecture, Planning and Preservation, Columbia University 2013.

CONFERENCES ORGANIZED: With French Development Agency “**Towards an Open & Collaborative Digital Data Platform to improve African Urban Public Transport**” Paris November 9-10, 2017. With US EPA and World Bank “**Filling the Gaps: Improving Air Quality Measurements in Developing Countries**” Workshop Washington DC July 25-27. **Transforming Access, Mobility and Delivery in Cities**, (New York 21-23 October 2014), Volvo Research and Education Foundations Center of Excellence Workshop Nairobi, Citizens policy forums with the Kenya Alliance of Residents Associations (numerous).

REFeree SERVICE. African Affairs, African Studies Review, Africa Today, Canadian Foreign Policy, Civil Wars, Cities and Society, Comparative Political Studies, Comparative Politics, Conflict, Security and Development, Critical African Studies, Forum for International Research in Education, Environmental Politics, Geo-Journal, International Development Planning Review, Governance, International Journal of Urban and Regional Research, International Peacekeeping, International Planning Studies, International Political Science Review, Journal of African Studies, Journal of Contemporary African Studies, Journal of Asian and African Studies, Journal of International Relations and Development, Journal of Modern African Studies, Mobilization, Security Dialogue, Society and Natural Resource, Sustainability Territory, Transport Policy, Politics, World Development.

LANGUAGES French, Certificate of Proficiency, McGill University 1996 Swahili, Basic Conversation and Reading Proficiency