

## SHORT BIOGRAPHY AND KEY REFERENCES

### CONTRIBUTOR BIOGRAPHIES

#### 1. The Social Dimensions of Urban Travel in Nairobi, Kenya: Analysis, Insights, and Opportunities

- **Deborah Salon**

Dr. Deborah Salon is a Research Economist at the Institute of Transportation Studies at UC Davis. Her research focuses on the effect that policies and infrastructure investments have on the travel choices of people who live in cities. The aim is to gain a better understanding of how we can improve urban places for both residents and visitors while keeping their negative impact on the natural environment in check.

- **Eric Aligula Magolo**

Dr. Eric Aligula Magolo holds a Ph.D. in Infrastructure Planning & Management from the University of Dortmund in Germany and is the Programmes Coordinator and Acting Head of Infrastructure and Economic Services at the Kenya Institute for Public Policy Research and Analysis.

His brief at KIPPRA includes deputizing for the Executive Director, coordinating research and capacity building work in the Institute, liaising with project stakeholders, fundraising, coordinating KIPPRA's quality assurance interventions, managing KIPPRA's databases as well as supporting the strategic management of the Institute. In furtherance of KIPPRA's mandate he participates in and supports the provision of objective, research based policy advice primarily to the Government of Kenya and the private sector. This requires close relations with the private sector and civil society in articulating the issues under consideration. Some of his engagements include:

1. Task Force on Devolved Government in Kenya
2. The Nairobi Metro 2030 Strategy
3. Draft New Official Government Transport Policy
4. First Medium Term Plan, Kenya Vision 2030
5. Member of the Experts Committee, Kenya Vision 2030
6. Draft National Science, Technology and Innovation Policy
7. Recommendations on Integrated National Transport Policy for Kenya

He is a Council Member of the St. John Ambulance, Nairobi Region and holds a Silver Award, of the President's Award Scheme, Kenya.

#### 2. Multimodal Transport in Nairobi, Kenya: Insights and Recommendations with a Macroscopic Evidence-Based Model

- **Eric J. Gonzales**

Eric Gonzales has received a Ph.D. and M.S. in Civil and Environmental Engineering from UC Berkeley and a B.S. in Civil Engineering from Carnegie Mellon University. Eric's research focuses on how to manage multimodal transportation systems and street space in cities worldwide. His research interests are in the operation, management, and design of urban transportation systems. Eric has received the Berkeley Fellowship for Graduate Study, the Gordon F. Newell Award, 2010-2011 University of California Transportation Center Student of the Year, and he is a 2010 Eno Fellow.

- **Carlos F. Daganzo**

Carlos F. Daganzo is the Robert Horonjeff Professor of Civil and Environmental Engineering. He is best known for his contributions to econometrics, network theory, logistics, port operations and traffic flow. He is Director of the UC Berkeley Center for Future Urban Transport. Carlos F. Daganzo has the following research interests: logistics, networks, traffic flow theory and control, and public transportation.

- **Yuwei Li**

Dr. Yuwei Li is the Deputy Director of the Volvo Center for Future Urban Transportation at the University of California, Berkeley. He has a Ph.D. in Civil Engineering (UC Berkeley, 2004), an M.A. in Economics and an M.S. in Urban and Regional Planning (U. of Iowa, 1998), and a B.S. in Physics (Beijing U., 1996). During 2005 to 2007, he was the instructor for the graduate course of Public Transport Systems at U.C. Berkeley. His research interests include public transit design, freight logistics, and intelligent transportation systems.

- **Celeste Chavis**

Celeste Chavis is a Ph.D. Candidate in Civil and Environmental Engineering at the University of California, Berkeley. She received a B.S. in Civil Engineering from the Ohio State University in 2007 and a M.S. in Civil and Environmental Engineering from UC Berkeley the following year. Her research interests are in public transit - particularly demand responsive transit, informal transit and transit in low density areas. Celeste is a Ford and NSF Fellow.

### **3. Open Source Nairobi: Creating a GIS Database for the City of Nairobi to Provide Equal Access to Information**

- **Elizabeth Marcello**

Elizabeth Marcello is project manager for CSUD. She first started as an intern at CSUD in 2009, spending a summer in Nairobi working on the Ruiru Project. In addition to her work at CSUD, Elizabeth also spent time working for the International Labour Organization at the United Nations (UN), where, in addition to her work at UN Headquarters in New York City, she worked with health insurance cooperatives in Dakar, Senegal. Originally from Louisiana, Elizabeth holds a Master of International Affairs degree from Columbia University's School of International and Public Affairs (SIPA), where she graduated in 2010 with a concentration in urban policy and development. Elizabeth also holds a BA in environmental studies from UC-Santa Cruz and a graduate certificate in Geographic Information Systems (GIS) from Portland State University in Oregon. In addition, Elizabeth is an avid cyclist and races with the Columbia University Cycling Team and the Century Road Club Association (CRCA) in New York City.

- **Sarah Williams**

Sarah Williams is currently the Director of Columbia University's Spatial Information Design Lab (SIDL) and teaches at the Graduate School of Architecture, Planning and Preservation (GSAPP). Her classes include, Spatial Data Visualization, Introduction to Geographic Information Systems, Advanced Geographic Information Systems, and Google Map Hacks. Williams' current research interests focuses on the intersection of technology and the urban realm, with a particular focus on using mobile computing to help better understand urban spaces. Last summer she created mobile air quality devices that were used during the Beijing Olympics.

Before becoming the Director of the Spatial Information Design Lab, Williams was at MIT where she started the Geographic Information System (GIS) Laboratory. Sarah also worked with MIT's SenseAble City Laboratory, which is a joint program between MIT's Media Lab and Department of Urban Studies and Planning. Sarah has 13 years of experience with Geography Information Systems (GIS), dating back to her

early work with the Clark Labs/IDRISI project. At the Clark Labs, Sarah worked on Remote Sensing and Satellite research and was a member of the IDRISI Programming team. Sarah has a background in Geography, Landscape/Urban Design, and Urban Planning. Sarah has a Masters degree from MIT in City Planning and Urban Design and received her Bachelor's degree in Geography and History from Clark University.

- **Jacqueline Klopp**

Prior to joining CSUD as an Associate Research Scholar Jacqueline Klopp was an Assistant Professor of International and Public Affairs at the School of International and Public Affairs (SIPA), Columbia University where she taught the politics of development. She holds a BA from Harvard University where she received a Michael Rockefeller grant to live and work in Western Kenya for two years. This sparked her fascination and love for Kenya and she subsequently finished a PhD in Political Science from McGill University focusing on land, violence and corruption in multiparty Kenya. Her research continues to focus on the intersection of development, democratization, governance, violence and corruption in Kenya and the Great Lakes region. Klopp is the author of articles in *Africa Today*, *African Studies Review*, *African Studies*, *Canadian Journal of African Studies*, *Comparative Politics*, *Forced Migration Review*, *World Policy Journal* and the *International Peace Academy* among others. Her work at CSUD focuses on strategies for improved land-use through deepening local knowledge production through university reform, improved urban governance and policy-networking.

#### **4. Edwin Wamukaya**

Edwin Wamukaya is a part-time lecturer with the Department of Urban and Regional Planning at the University of Nairobi and a GIS specialist/urban planner with the Coda Consulting Group Eastern Africa Regional Office. Mr. Wamukaya has been involved in various GIS projects and most recently was a GIS consultant in 2011 for the policy review of Nairobi city zones which was funded by the City Council of Nairobi. In 2010 he worked on the development of a land use database for the City of Nairobi and in 2009, participated in the Spatial Mapping study. He has also been actively involved in numerous planning projects and was a team member in the competition for the preparation of the Nairobi Metropolitan Concept Plan which he contributed with his knowledge based expertise in infrastructure, local economic development and GIS mapping.

#### **5. Enrique Peñalosa**

An accomplished public official, economist and administrator, Enrique Peñalosa completed his three-year term as Mayor of Bogotá, Colombia on December 31, 2000. While mayor, Peñalosa was responsible for numerous radical improvements to the city and its citizens. He promoted a city model giving priority to children and public spaces and restricting private car use, building hundreds of kilometers of sidewalks, bicycle paths, pedestrian streets, greenways, and parks. After organizing a Car-Free Day in 2000, he was awarded the Stockholm Challenge Award and rewarded by a referendum vote endorsing an annual car-free day and the elimination of all cars from streets during rush hours from 2015 onwards. Peñalosa also led efforts to improve Bogotá's marginal neighborhoods through citizen involvement; planted more than 100,000 trees; created a new, highly successful bus-based transit system; and turned a deteriorated downtown avenue into a dynamic pedestrian public space. He helped transform the city's attitude from one of negative hopelessness to one of pride and hope, developing a model for urban improvement based on the equal rights of all people to transportation, education, and public spaces.

#### **KEY REFERENCE TERMS**

Nairobi, transport and land-use policy reform, urban planning, spatial data, transport modeling