

**PRIPODE Workshop on Urban
Population-Development-Environment Dynamics**

11-13 June 2007
Nairobi, Kenya

The Committee for International Cooperation in National Research in Demography (CICRED), the African Population and Health Research Centre (APHRC), the Population-Environment Research Network (PERN), and the Center for International Earth Science Information Network (CIESIN) of Columbia University, welcome you to this three-day workshop focused on urban population, development and environment (PDE) dynamics in developing countries. The workshop is conducted in the context of the Programme for International Research on the Interactions between Population, Development and Environment (PRIPODE) with funding from the French Foreign Ministry.

Monday, 11 June

Welcome Session

9:00-10:30

Welcomes by:

Alex Ezeh, Director of APHRC
Alex de Sherbinin, CIESIN and PERN
Christophe Guilmoto, CICRED
Other dignitaries to be announced

Round of introductions

Opening Address:

**Cities Transformed: Demographic Change and Its Implications
in the Developing World**

Dr. Mark Montgomery, The Population Council, New York, USA

Q&A and Discussion

10:30-11:00

Coffee Break

Session 1. Urban Population Growth and the Environment: Evidence from Africa

11:00-12:30

Chair: Christophe Guilmoto, CICRED

Urban growth and the environment in Kampala, Uganda

J.B. Nyakaana, Department of Geography, Makerere University, Kampala, Uganda (PRIPODE Project UG4)

Urbanization, slum development and security of tenure: The challenges of meeting Millennium Development Goal (MDG) 7 in Metropolitan Lagos, Nigeria

Babatunde Agbola, Department of Urban and Regional Planning, University of Ibadan, Nigeria

Brazzaville: Urban growth and environmental problems*

Samba Gaston and Moundza Patrice, Centre de Recherches sur les Tropiques Humides et Institut Supérieur de Gestion, Université M. Ngouabi, Congo (CGI)

Population and spatial growth: Diagnosis and implications for urban management of Bangui, Central African Republic*

Nguimalet Cyriaque-Rufin, Département de Géographie, Faculté des Lettres et Sciences Humaines, Université de Bangui, Central Africa Republic

Discussant: Eliya Zulu, APHRC

** Authors unable to attend*

12:30-14:00 Lunch

Session 2. Urban Population Growth and the Environment: Evidence from Asia

14:00-15:45 Chair: Yazoume Ye, APHRC

Urbanisation, environment, development and urban policies in Ho Chi Minh City, Viet Nam

Le Van Than, Institute of Economic Research (IER), Viet Nam (PRIPODE Project VN5)

The evolution of China's in situ urbanization and its planning and environmental implications

Yu Zhu, Centre for Population and Development Research, Fujian Normal University, China

Economy, population and urban sprawl: A comparative study of urban agglomerations of Bangalore and Hyderabad, India using remote sensing and GIS techniques

Neelakantan Krishna Iyer, National Remote Sensing Agency, Department of Space, Government of India

An assessment of urban environmental issues using remote sensing and GIS techniques an integrated approach: A case study of Delhi, India

Atiqur Rahman, Jamia Millia Islamia University, India

Discussant: Alex de Sherbinin, CIESIN, Columbia University

15:45-16:15 Coffee Break

Session 3. Urban Population, Water and Sanitation

16:15-17:45 Chair: Michael White, Brown University

Population, Household structures and Domestic water and sanitation in households: A gender perspective using survey data

Esther Dungumaro, University of KwaZulu-Natal, School of Development Studies

Health and Livelihood Implications of Marginalization of Slum Dwellers in Provision of Water and Sanitation Services in Nairobi City

Chi-Chi Undie, APHRC, Kenya

**Role of water supply and sanitation for hill area development
using remote sensing and GIS techniques**

Aparesh Patra, International Institute for Population Sciences, India

Discussant: Alex Ezeh, APHRC

19:00 Dinner for all participants

Tuesday – 12 June

Session 4. Urban Population, Environment and Health

9:00-10:45 Chair: Prof. Obeiro, University of Nairobi (invited)

Population, Mobility and Air Pollution in Ouagadougou

Hamdou Rabby Wane, UN Economic Commission for Africa, Ethiopia

**Correlation between Pollutants Emission and Inhabitant's
Morbidity**

Gheisa Roberta Telles Esteves, Universidade de Campinas, Brazil

**Rural-Urban Migration, Poverty and Sustainable
Environment: The Case of Lagos**

Peter Okuneye, University of Agriculture, Nigeria (PRIPODE Project NG1)

**Intra-urban transportation, gender and psychological distress
in developing countries: Nigeria**

Abidemi Asiyabola, Olabisi Onabanjo University, Nigeria

Discussant: Christophe Guil moto, CICRED

10:45-11:15 Coffee Break

**Session 5. Periurbanization, Informal Settlements and Their Environmental
Consequences (I)**

11:15-12:45 Chair: Jean-Christophe Fotso, APHRC

**Family migration: A vehicle of child morbidity in the informal
settlements of Nairobi city, Kenya?**

Ousmane Faye, APHRC, Kenya

**Household response to urban encroachment on rural
hinterland in the Ogbomoso Urban fringe**

Aina Thompson Adebeyejo, Ladoke Akintola University of Technology, Nigeria

Towns in the jungle: Urbanization in the Amazon

Alisson Barbieri, Department of Demography and CEDEPLAR, Federal
University of Minas Gerais, Brazil

Discussant: Mark Montgomery, The Population Council

12:45-14:00 Lunch

14:00-17:00 **Visits to APHRC projects:** Visit to two Nairobi slum settlements (Korogocho and Viwandani) where APHRC has been running demographic surveillance systems. Participants will be divided into two groups (each group will go to separate sites). This will be followed by a visit to APHRC's offices and dinner.

Wednesday, 13 June

Session 6. Periurbanization, Informal Settlements and Their Environmental Consequences (II)

Chair: Alisson Barbieri, CEDEPLAR

9:00-11:00 **Mobility, urban sprawl and environmental risks in Brazilian urban agglomerations Challenges for the urban sustainability in a developing country**
Ricardo Ojima, Population Research Center, Universidade de Campinas, Brazil

Mumbai after 26/7 deluge: Some issues and concerns in regional planning
Mohua Guha, International Institute for Population Sciences, India

Urbanization and Environmental Quality: Insights from Ghana on sustainable policies
Michael White, Brown University, USA

Forecasting City Population Growth in Developing Countries
Mark Montgomery, The Population Council, New York, USA

Discussant: TBD

11:00-11:30 Coffee Break

Session 7. Round Table on Policy Implications

11:30-13:00 Eduardo Moreno, Global Urban Observatory, UN-HABITAT
Hamdou Wane, Sustainable Development Division, UNECA
Alex Ezeh, APHRC
Prof. Obiero, Transportation Specialist, Department of Urban and Regional Planning, University of Nairobi
TBD, UNEP

13:00-14:00 Lunch

Session 8. Spatial Data Integration for Urban Studies

- 14:00-16:00 This session will provide a rapid introduction to using spatial data for urban PDE studies.
- Brief Introduction, Alex de Sherbinin
 - Poverty Data Sources and Mapping, Alex de Sherbinin
 - Health Data Sources and Mapping, Yazoume Ye
 - Environmental Data Sources and Mapping, Neelakantan Krishna Iyer
 - Integration of Survey and Spatial Data, Alisson Barbieri
- 17:00-18:00 Scientific Committee Meeting