

Curriculum Vitae

Professor CRISPUS MAKAU KIAMBA

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PERSONAL DETAILS

Date of Birth: 2nd March 1954
Marital Status: Married
Nationality: Kenyan
Residence: Nairobi, Kenya

EDUCATION

- 1968-71: Mumbuni Secondary School – Division 1 Ordinary ("O") Level
- 1972-73: Machakos School – Advanced ("A") Level
- 1974-77: **University of Nairobi** - B.A. in Land Economics.
- 1978-79: **University of Reading** - M.Sc. in Urban Land Appraisal.
- 1983-86: **University of Cambridge** - Ph.D. in Land Economy

POST DOCTORAL COURSES/CERTIFICATES

- **Harvard University:**
 - *Executive Course on Science, Technology and Innovation*, Cambridge, Boston, 2006.
- **Oxford University:**
 - *The Oxford Roundtable on the Role of Universities in Shaping the Current Global Society*, Oxford, UK, July 2004.
- The British Council:
 - *Seminar on Quality of Higher Education: from Assurance to Enhancement*, London, York and Glasgow, UK, 2004
- **Oxford University/Warwick University/British Council:**
 - *The Enterprising University*, Warwick, UK, 2003.
- **Harvard University/World Bank:**
 - *Executive Course on Pension Reform*, Washington, DC, 2001.
- **University of Dundee/Association of Commonwealth Universities (ACU):**
 - *Development Programme on Leadership and Strategic Change in Higher Education: A Strategic Development Programme for*

Heads of Commonwealth Universities, Dundee, UK, 2001.

- **The World Bank:**
 - *Protecting the Vulnerable: The Design and Implementation of Effective Safety Nets*, Washington, DC, 2000.
- **Galilee College/Harvard University:**
 - *International Course on Management of Higher Education*, Jerusalem, Israel, 1999.

AWARDS/RECOGNITION

- 2007: Conferred the **Chief of the Order of the Burning Spear (CBS)** by His Excellency the President and Commander-in-Chief of the Armed Forces of the Republic of Kenya in recognition of outstanding or distinguished services rendered to the nation.
- 1995: Conferred the **Moran of the Order of the Burning Spear (MBS)** by His Excellency the President and Commander-in-Chief of the Armed Forces of the Republic of Kenya in recognition of outstanding or distinguished services rendered to the nation.
- 2010: Awarded the **Association of Commonwealth Universities Symons Award** for outstanding contributions to higher education, science and technology in the Commonwealth.
- 2010: Awarded the Certiport Middle East and Africa Educator of the Year.

CURRENT APPOINTMENT/ENGAGEMENT

- Returned to the University of Nairobi as member of faculty, Department of Real Estate and Construction Management, School of the Built Environment, College of Architecture and Engineering on 1st July 2013 after serving in the Government of Kenya for 9 years.
- Member of the Management Board of UNESCO-affiliated International Science, Technology and Innovation Centre for South-South Cooperation (ISTIC)
- Member of the Commonwealth Scholarship and Fellowship Plan (CSFP) Endowment Fund
- Chairman of Commonwealth Scholarship and Fellowship Plan (CSFP) Taskforce
- Member of the Evaluation Review Panel (ERP) of the Advancing Sub-Saharan Africa–European Union Cooperation in Research and Innovation for Global Challenges (CAAST-Net Plus) Project.
- Member of the Consultative Advisory Group of the World Bank-affiliated Partnership for Skills in Applied Sciences, Engineering and Technology (PASET).
- Member and Vice Chairman of the Council of the United States International University –Africa)

PAST APPOINTMENTS/ENGAGEMENT

a) Administrative/Management

- 2008-2013: Permanent Secretary, Ministry of Higher Education, Science and Technology, Government of Kenya.
- 2006-2008: Permanent Secretary, Ministry of Science and Technology, Government of Kenya.
- 2005-2006: Commission Secretary/Chief Executive Officer, Commission for Higher Education (Commission for University Education)
- 2002-2005: Vice-Chancellor, University of Nairobi (Whilst Vice Chancellor also Chairman of the University Management Board; Chairman of the University Senate; and Member of the Council)
- 1998-2002: Deputy Vice-Chancellor (Administration & Finance), University of Nairobi
- 1994-1998: Principal, College of Architecture and Engineering, University of Nairobi
- 1991-1994: Dean of the Faculty of Architecture, Design and Development (now School of the Built Environment) (As Dean, I was a Member of the Deans' Committee of the University and Chairman of its Arts-Based Faculties Research Grants Sub-Committee)
- 1989-1991: Chairman of the Department of Land Development (now Department of Real Estate and Construction Management), University of Nairobi.
- 1992-95: Chairman, University of Nairobi Planning, Programming, Budgeting and Financing (PPBF) Committee.
- 1992-94: Member of the Republic of Kenya World Bank supported Universities Investment Project Policy and Planning Task Group (PPTG)

b) Academic

- 1995 -: Associate Professor, Department of Real Estate and Construction Management (erstwhile Department of Land Development), School of the Built Environment (erstwhile Faculty of Architecture, Design and Development), University of Nairobi.
- 1987-95: Senior Lecturer, Department of Land Development, and University of Nairobi.
- 1980-87: Lecturer, Department of Land Development, University of Nairobi.
- 1977-80: Tutorial Fellow, Department of Land Development, University of Nairobi.
- Professional:
- 1980-92: Associate Consultant, Saad Yahya and Associates: (a firm of consulting Land Economists, Urban, Regional and Environmental Planners).
- 1987-93: Associate Consultant, African Development, and Economic Consultants Limited (ADEC).

- 1977: Graduate Valuer/Estate Manager, Tysons Limited, the leading firm of Valuers and Estate Managers in the East African region.

c) Membership On Boards Of National Institutions (Kenya)

- Member of the Government of Kenya *Performance Contracting Ad-hoc Negotiations Task Force* (2005)
- Member of both the Governing Board and Board of Management of the *Inter-University Council of East Africa* (IUCEA) (2002-2005)
- Member of the *Kenya National Examinations Council* (KNEC) (2005-2006)
- Member of the *Advisory Committee of the National Defense College* (2003-2005).
- Member of the *Higher Education Loans Board* (HELB) (2002-2003 and 2005-2006)
- Member of the *Joint Admissions Board* (JAB) of the Public Universities in Kenya (1992-2006) (Chairman 2002-2003)
- Chairman, Board of Trustees of the *University of Nairobi Pension Scheme* (2002-2005)
- Member, Board of Directors of the *University of Nairobi Enterprises and Services* (UNES) Ltd., a subsidiary company of the University of Nairobi (1998-2005).
- Vice-Chairman, Board of Directors of the *Numerical Machining Complex*, a company jointly owned by the University of Nairobi and the Kenya Railways (2002-2005).
- Member, *University of Nairobi Press*, a subsidiary publishing company of the University of Nairobi (1998-2005)
- Member of the Management *Board of the Federation of Kenya Employers* (FKE) (2002-2004)
- Member of the Board of Trustees of the *Mahatma Gandhi Memorial Academy Society* (1996-2005)
- Member of the Board of *Trustees of the Gandhi Smarak Nidhi Fund* (1996-2005)
- Member, the *Commission for Higher Education* (CHE) (2002-2005)
- Chairman, *Vice-Chancellors' Committee of the Public Universities in Kenya* (2002-2003)
- Member Board of Trustees of *Kenya Education Network* (KENET) (2002-2013)
- Member of the Board of Trustees, *African Institute for Capacity Development* (AICAD) (2002-2005)
- Member, *Governing Council of the Kabarak University* (2001-2003)
- Member of the Board of Management of the *University Science, Humanities and Engineering Partnership in Africa* (USHEPIA) (2002-2005)
- Founding Member of the Board of Trustees of the *Forum for Agriculture in East Africa* (RUFORUM) (2003-2005).
- As Permanent Secretary of the Ministry of Higher Education, Science and Technology, I was also a Member of Councils of all Public Universities in Kenya (2005-2013)

- Member of Council of the *United States International University–Africa* (2016--to date)

d) Membership On Boards Of Institutions (International)

- Founding Member of the Board of Management of UNESCO-affiliated *International Science, Technology and Innovation Centre for South-South Cooperation* (ISTIC) (2007-- to date)
- Member of the Governing Council of the *Centre for Science and Technology of Non-Aligned and Other Developing Countries* (NAM S&T Centre) (2006-213)
- Founding Member of the Board of Management of the *Commonwealth Scholarship and Fellowship Plan Endowment Fund* (CSFP-EF) (2012—to date).
- Member of the *Joint Expert Group for the 8th (JEG8) Africa-EU Strategic Partnership for Science, Information Society and Space* (2007-2012)
- Member of the Evaluation Panel of the *World Bank African Higher Education Centres of Excellence (ACE) Project* (2015-2016))
- Chairman of the Steering Committee of the *African Ministerial Committee of Science and Technology (AMCOST)* (2007-2010)
- Member of the Steering Committee, *Inter-Universities Council of East Africa (IUCEA)* (2006-2013)
- Member and Chairman of the Governing Board of the *African Institute for Capacity Development (AICAD)* (2008-2013)
- Founding Member of the *Consultative Advisory Group (CAG) of the World Bank-affiliated Partnership for Skills in Applied Sciences, Engineering and Technology* (PASET) (2015—to date).
- Member of the Evaluation Review Panel (ERP) of the *Advancing Sub-Saharan Africa–European Union (SSA-EU) Cooperation in Research and Innovation for Global Challenges* (CAAST-Net Plus) Project (2015—to date)
- Chairman of the *Commonwealth Scholarship and Fellowship Plan (CSFP) Taskforce* (2015—to date)

INTERNATIONAL STUDY VISITS TO HIGHER EDUCATION INSTITUTIONS

- ***Italian Higher Education System*** (2006): (Polytenico de Milano)
- ***United Kingdom Universities*** (2006): (Coventry University and Napier University)
- ***Indian University System*** (2004): (Delhi University; Indian Institute of Technology, Delhi; Indian Institute of Foreign Trade, New Delhi; Jawaharlal Nehru University, New Delhi; Indian Institute of Mass Communication, New Delhi; Jamia Hamdard University, New Delhi; Bangalore University; Indian Institute of Science, Bangalore; Indian Institute of Management, Bangalore; Indian Institute for Cultural and Economic Change, Bangalore; University of Mumbai, Mumbai; and Indian Institute of Technology, Bombay)
- ***The Peoples Republic of China University System*** (2003): (Beijing)

University; Chinese University of Sports; Chinese University of Traditional Medicine)

- **United States of America University System** (2000): (Studying Administrative and Funding Models of Higher Education) (Harvard University; University of Michigan; Western Michigan University; Kalamazoo College; Morehouse College; Clark Atlanta University; Spellman College; Wellesley College; President Carter Centre in Atlanta; Dr. Martin Luther King Jr. Centre in Atlanta)
- **Israel University System** (1999): (Part of the attendance of the International Course/ Conference on Management of Higher Education organized jointly by the Harvard University and the Galilee College, Jerusalem: Hebrew University; Haifa University; Weismann Institute and Israel Open University)

ACADEMIC AND PROFESSIONAL AFFILIATION/ MEMBERSHIP

- **Member of the Institution of Surveyors of Kenya**, Chapter of Valuation and Estate Management Surveyors (MISK, VES) Registered Valuer (RV).
- **Member of the International Federation for Housing and Planning (IFHP)** (1990-97) (Throughout the period, I was Member of the Bureau (Governing Body) of IFHP with its Headquarters at The Hague and its Permanent Representative at the United Nations Centre for Human Settlements (UNCHS-Habitat), Nairobi, where it had Observer status.
- Founding Member and Member of the Board of Trustees of the **Rural and Urban Planning in Southern and Eastern Africa Association** (RUPSEA) with Headquarters at Harare.
- Member of the Nairobi City Council **Valuation Court** (1981-1995).

ACADEMIC JOURNAL EDITORIAL POSITIONS

- Member of the Editorial Board, *Review of Rural and Urban Planning in Southern and Eastern Africa*. (Published by RUPSAE at Harare)
- Correspondent, *Prospect: Journal of the Federation of Housing and Planning* (IFHP) (Published by IFHP at The Hague) (1990-1997)

EXTERNAL EXAMINATION

External Examiner, Department of Land Valuation and Management, Ardhi Institute (now Ardhi University) Dar es Salaam, Tanzania (1991 - 1994)

STUDY AND RESEARCH AWARDS

- 1978: **The Commonwealth Academic Scholarship Award** for the conduct of M.Sc. degree studies at the University of Reading, UK.
- 1983: **The British Technical Co-operation Scholarship Award** for the conduct of Ph.D. degree studies at the University of Cambridge.
- 1984: **The Department of Land Economy Research Award, University**

of Cambridge, for meeting part of research fieldwork costs in Nairobi/ Kenya for Ph.D. Dissertation at the University of Cambridge.

- 1984: **The Christ's College Research Award, University of Cambridge**, for meeting part of the fieldwork costs at Nairobi/ Kenya for Ph.D. Dissertation at the University of Cambridge.
- 1989: **The Ford Foundation Research Award** for a Research Project on the Impact and Implications of Squatter/Settlement Upgrading on Land and Housing Values in Kenya.
- 1991: **The German Technical Cooperation (GTZ) Research Award** for research project on Urban Management Instruments for Neighbourhood Development in African Cities: The Kenya Case.
- 1992: **The Ford Foundation Research Award** for a Project on A Socio-economic Study of Urban Conservation: Property and Community Relations in the Conservation of Mombasa Old Town in Kenya (in addition to the study, other components of the project included Two Ph.D. Scholarships for Staff Development, Equipment Support, and Computer Training for Secretarial/Support Staff in the Department of Land Development).

RESEARCH, PAPERS AND PUBLICATIONS

a) University Degree Theses

1. 1979: "Real Estate Investment: The Selection of Capitalization Rates", M.Sc. Dissertation, University of Reading, UK.
2. 1986: "The Role of the State in the Control of Urban Development: Urban Land Policy for Nairobi, Kenya", Ph.D. Dissertation, University of Cambridge, UK.

b) Chapters In Books

1. 1983: "Thika, Kenya", in Growth Profile of Small Cities, United Nations Centre for Regional Development (UNCRD): Nagoya (co-authored with K. Maingi, N. Ngethe and W.M. Senga)
2. 1984: "The Role of Small Towns and Intermediate Cities in National Development: A Case Study of Thika, Kenya", in O.P. Mathur (ed.), *The Role of Small Cities in Regional Development: Case Studies from Developing Countries*, United Nations, Centre for Regional Development (UNCRD), Nagoya, Japan (co-authored with K. Maingi, N. Ngethe and W.M. Senga).
3. 1992: "Regeneration of Low Income Housing and Squatter Settlement Areas in Nairobi: Partnership Relation between State and Capital", in L. Kilmartin and H. Singh (eds.), *Housing in the Third World: Analysis and Solutions*, Concept Publishing: New Delhi, India
4. 1992: "Urban and Rural Land Policy Reform", in *Blueprint for a New Kenya: Post Election Action Programme*, Friedrich-Naumann-Stiftung: Nairobi, Kenya
5. 1994: "The Dynamics of Urbanization and Urban Development Policy in

- Kenya", in K.H. Wekwete & C.O. Rambanapasi (eds.), *Planning Urban Economies in Southern and Eastern Africa*, Avebary-Ashgate Publishing Limited: Aldershot.
6. 1995: "A Reflection on Strategies for Planning for Land Use and Development since the 1960s", in Obudho, R.A. (ed.), *Nairobi and Its Environs: Geographical study of a Capital City in Africa*, Ashgate Publishing Limited: Aldershot.
 7. "The Primacy of Land in Rural Development: Issues and Options in Kenya", in C.M. Kiamba, W. Olthof & C. Brand (eds.), *Rural Land Development and Settlement Planning in Southern and Eastern Africa*.
 8. "Land Use Conflicts and Resource management in Kenya's Marginal areas: The Case of Maasailand", in C.M. Kiamba, W. Olthof & C. Brand (eds.), *Rural Land Development and Settlement Planning in Southern and Eastern Africa*.
 9. "Urban Management in Kenya: Some Aspects of Land Development and Land Management", in C. Rambanapasi & O. Musandu et al. (eds.), *Urban Management in Southern and Eastern Africa*.
 10. 2008: "Higher Education in Kenya" (co-authored with James, J. & Some, D.K.) in Teferra, D. & Knight, J. (eds.), *Higher Education in Africa: The International Dimension*, Centre for International Education, Boston College and Association of African Universities, Boston.
 11. 2011: "Perspectives on Technology Transfer and Commercialization in Africa: a Focus on Kenya", (co-authored with Gachigi, K. & Kukubo, P.), in Butler, S.B. & Gibson, D.V. (eds.), *The Global Perspectives on Technology Transfer and Commercialization: Building Innovative Ecosystems*, Edward Elgar Publications, Massachusetts.
 12. 2014: "Investing in Science, Technology and Innovation", (co-authored with Mhenni, H., Youssef, A.B., Elaheboccus, N., & Guedegbe, S. in Soucat, A. & Ncube, M. (eds.), *One Billion People One Billion Opportunities: Building Human Capital in Africa*, African Development Group, Tunis.
 13. 2015: "An Innovative Model of Funding Higher Education in Kenya: The Universities Fund", Okebukola, P. (ed.), *Towards Innovative Models for Funding Higher Education in Africa*, Association of African Universities, Accra, Ghana.

c) Papers Published In Journals

1. 1982): "Urbanization and Urban Development in Kenya: An Encounter of the Underdevelopment Kind", *Ardhi: Journal of Land Development*, Vol. 2, No. 1, 49-62.
3. 1984: "Reflections on Some Recent Developments in Real Estate Theory and Practice", *Ardhi: Journal of Land Development*, Vol. 3, No. 2, 1-10.
4. 1984): "Land Surveying in the Service of Land Economy", *Ardhi: Journal of Land Development*, Vol. 3, No. 2, 62-72
5. (co-authored with J.M. Wairagu).
6. 1986: "Some Aspects of Income Tax Inherent in the Dual Rate Theory and Valuation", *Ardhi: Journal of Land Development*, Vol. 4, No. 1, 45-50.
7. 1989: "The Introduction and Evolution of Private Landed Property in Kenya", *Development and Change*, Vol. 20, 121-147.

8. 1990: "Valuation and Estate Management Surveying Towards the Year 2000 and Beyond", *The Kenya Surveyor*, Vol. 2, No. 1, 11-13 & 18, 1990.
9. 1991: "Overview of Kenya's Urban Development Policy", *Review of Rural and Urban Planning in Southern and Eastern Africa*, 1/1991, 93-100.
10. 1991: "The Rural Areas in Some African Countries", *Prospect*, Vol. No. 4, 20-24, 1991 (co-authored with W. Mitullah, A.E. Emrama & G.I. Nwaka).
11. 1992: "Emerging Trends in Urban Conservation Planning in Kenya", *Review of Rural and Urban Planning in Southern and Eastern Africa*, 1/1992, 93-107.
12. 1994: "The Primacy of Land in Rural Development: Issues and Options in Kenya", *Review of Rural and Urban Planning in Southern and Eastern Africa*, 1/1994, 32-52.
13. 1998: "The Greening of Development: Thinking Globally, Designing Locally", *Horizons - DAT*, Vol. 2, No. 1, 1-12.
14. 2004: "Privately Sponsored Students and Other Income Generating Activities at the University of Nairobi", *Journal of Higher Education in Africa*, Vol. 2, No. 2.
15. 2008: "Higher Education in Kenya" (co-authored with James, J. & Some, D.K.) in Teferra, D. & Knight, J. (eds.), **Higher Education in Africa: The International Dimension**, Centre for International Education, Boston College and Association of African Universities, Boston, pp. 261-238.

d) Papers Published In Conference Reports/ Proceedings

1. 1980: "The Housing Market and the Housing Question", in *Report of the Seminar on the Role of the Private Sector in Housing Development in Kenya*, Ministry of Urban Development and Housing, Government of Kenya.
2. 1987: "Private Developers in the Housing Scene in Kenya", in *Report and Proceedings: International Workshop on Housing*, Post Graduate Centre Human Settlements, Catholic University, Leuven.
3. 1989: "The Private Housing Finance System and Issues in Kenya", in *Report and Proceedings: Workshop on Housing*, Post Graduate Centre Human Settlements, Catholic University, Leuven.
4. 1990: "The Evolution of Policy for the Role and Structure of Small Towns in Kenya", in *Congress Report: Developing Policies for Rural Areas and Small Towns and Urban Regions*, International Federation for Housing and Planning (IFHP), The Hague.
5. 1991: "Land Economics and Housing Management Education for the Implementation of the Sectional Properties Act", in *Proceedings of the Seminar on the Sectional Properties Act*, Ministry of Lands and Housing, Government of Kenya, Nairobi.
6. 1995: "Community and Property basis for Urban Conservation: Background to the Socio-Economic of Conservation of the Mombasa Old Town", in Kiamba, C.M. (editor), *Conservation of Historic Towns in Kenya: Proceedings of the Workshop on the Conservation of Historic Towns in Kenya*, Mombasa.
7. 1995: "The Legal and Institutional Framework for Urban Conservation in Kenya", in M. Kiamba (editor), *Conservation of Historic Towns in Kenya*:

Proceedings of the Workshop on the Conservation of Historic Towns in Kenya, Mombasa.

8. 1995: "The History of Urban Conservation in Kenya", in Kiamba, C.M. (editor), *Conservation of Historic Towns in Kenya: Proceedings of the Workshop on the Conservation of Historic Towns in Kenya, Mombasa.*
9. (1995): "A Glimpse at Community and Property Relations in the Mombasa Old Town: Tentative research Findings", in Kiamba, C.M. (editor), *Conservation of Historic Towns in Kenya: Proceedings of the Workshop on the Conservation of Historic Towns in Kenya, Mombasa.*
10. 1995: "The Question of the Environment and Sustainable Human Development", in Bahemuka, J.M., *Sustainable Human Development National Seminar, Proceedings of the Sustainable Human Development Workshop*, United Nations Development Programme, Nairobi.
11. 1996: "Surveying and Land Economy Education in Kenya: Vision that is Imprinted with the Past", in Proceedings of the joint Commonwealth Association of Land Economy (CASLE), Institution of Surveyors of Kenya (ISK) and Institute of Quantity Surveyors of Kenya (IQSK), *East Africa Regional Seminar on Vision of Surveying Professions in the Third Millennium*, 9-11.

e) Summaries And Abstracts Of Papers Published In Conference Reports/Proceedings

1. 1987: "Regeneration of Low Income Housing and Squatter Settlement in Nairobi, Kenya: Partnership Relation Between the State and private capital", in *International Housing Conference Abstracts: City Renewal Through Partnership*, City of Glasgow District Council, Glasgow.
2. 1987: "Urban Shelter in Kenya: A Decade of Pragmatic Urban Housing", in *International Housing Conference: Urban Shelter in Developing Countries*, London.
3. 1988: "The Origins and Development of Planning for Nairobi: The Origins, the Present and Challenges for the Future", in *Papers and Proceedings: New Approaches to Housing and Planning*, International Federation for Housing and Planning (IFHP), The Hague.
4. 1989: "National Trends in Urban Development in Kenya: A new Distribution of Roles Between the Public Sector and the Private Sector", in *Congress Report: The Changing Roles for Public and Private Sectors*, International Federation for Housing and Planning (IFHP), The Hague.
5. 2005: "Entrepreneurialism and Adaptability in Kenyan Universities in the Face of Declining Donor and Government Support", in Boeren, A. & Holtiland, G. (eds.), *A Changing Landscape: Making Support to Higher Education and Research in Developing Countries More Effective* (Conference Proceedings and Contributions), The Hague, the Netherlands.

Book Review Articles Published In Journals

1. 1981: "A Look at the Urban Land Policy in Kenya", *Ardhi: Journal of Land Development*, Vol. 1, No. 1, 52-54. (A review of S.S. Yahya, Urban Land

- Policy in Kenya, Royal Institute of Technology: Stockholm).
2. 1982: "The Role of Urban Planning in Kenya: Myth and Reality", *Ardhi: Journal of Land Development*, Vol. 1, No. 2, 62-64. (A review of S. Emig et al., Notes on the Urban Planning of Nairobi, Royal Academy of Arts: Copenhagen, 1980).
 3. 1983: "Land and Nationalism in Kenya", *Kenya Business Spotlight*, Vol. 1, 26-27, 1983 (A review of M. Wa-Githumo, Land and Nationalism: The Impact of Land Expropriation and Land Grievances Upon the Rise and Development of National Movements in Kenya, 1885-1935, University Press of America: Washington, D.C., 1981).

f) Research Project Reports

1. 1982: "Urban Policy for Nairobi and its Response to Rapid Urbanization", contribution paper to a *Research Project on Administrative Aspects of Rapid Urbanization in Developing Countries: A Comparative Study of Manila, Philippines, and Nairobi, Kenya*, Institute for Development Studies, University of Nairobi.
2. 1982: "National Urbanization and Urban development Policy in Kenya", contribution to *Research Project on The Role of Small Cities in National Development: A Case Study of Thika, Kenya*, Institute for Development Studies, University of Nairobi.
3. 1992: "Urban Management Instruments for Neighbourhood Development in Selected African Cities: The Kenya Case", Research Project with support from a grant by the Germany Technical Cooperation (GTZ) (undertaken in conjunction with Malombe, J.M. and Muchene, R.N.).
4. 1992: "Squatter/Settlements Upgrading in Kenya" Research Project with support from a grant by the Ford Foundation (co-edited with S.W. Karirah and N. Kinyungu).

g) Papers Presented at Conferences, Seminars And Workshops

1. 1980: "The Housing Market and the Housing Question", paper presented at the Seminar on the *Role of the Private Sector in Housing Development in Kenya*, organized by the Ministry of Urban Development and Housing, Government of Kenya.
2. 1981: "Reflections on Some Recent Developments in Real Estate Theory and Practice", paper presented at the Institution of Surveyors of Kenya (ISK) Conference on the *Challenges to the Valuation Profession in Kenya*, Nairobi.
3. 1981: "Land Surveying in the Service of Land Economy", paper presented at the *Geodetic Commission for Africa Symposium on Geodesy in Africa*, Nairobi (co-authored with J.M. Wairagu).
4. 1985: "Urban Development and Squatter Settlement in Nairobi", paper presented at Seminar on *Issues on Third World Development*, Focus Christian Institute, Cambridge. U.K.
5. 1987: "Regeneration of Low Income Housing and Squatter Settlement in Nairobi, Kenya", paper presented at the International Conference on *City Renewal Through Partnership*, City of Glasgow District Council, Glasgow.

6. 1987: "A Reflection on the Strategy for Planning for Land Use and Development of Nairobi since the 1960s", paper presented at the First International Conference on *Planning and Development of Nairobi*, Nairobi.
7. 1987: "Private Developers in the Housing Scene in Kenya", paper presented at the *International Workshop on Housing*, organized by the Post Graduate Centre Human Settlements (Catholic University, Leuven, Belgium), UNCHS/Habitat and Housing Research and Development Unit (University of Nairobi), Nairobi.
8. 1989: "Valuation and Estate Management Surveying: Towards the Year 2000 and Beyond", paper presented at the 21st Anniversary Seminar of the Institution of Surveyors of Kenya (ISK) on *Surveying Towards the Year 2000 and Beyond*, Nairobi.
9. 1989: "Urban Land Tenure System, Land Use Planning and Development Strategies in Eldoret", paper presented at the First National Workshop on *Planning and Development of Eldoret and Its Environs*, Eldoret.
10. 1989: "National Trends in Urban Development in Kenya: A new Distribution of Roles Between the Public Sector and the Private Sector", paper presented at the International
11. Federation for Housing and Planning (IFHP) International Congress on the *Changing Roles for Public and Private Sectors in Urban Development*, Chiba, Japan.
12. 1989: "The Private Housing Finance System and Issues in Kenya", paper presented at the International Workshop on Housing, organized by the Post Graduate Centre Human Settlements (Catholic University, Leuven, Belgium), UNCHS/Habitat and Housing Research and Development Unit (University of Nairobi), Nairobi.
13. 1990: "Evictions and the Right to Housing: A Case Study of Kenya", paper presented at the International Seminar on *Evictions and the Right to Housing* organized by Habitat International Coalition (HIC), New Mexico, Mexico, 1990 (co-authored with N.M. Nzioki).
14. 1990: "The Dynamics of Urbanization and Urban Development Policy in Kenya", paper presented at the Review of Rural and Urban Planning in Southern and Eastern Africa (RUPSEA) Conference on *Planning the Urban Economies in Southern and Eastern Africa*, Harare.
15. 1990: "The Evolution of Policy for the Role and the Structure of Small Towns in Kenya", paper presented in the International Federation for Housing and Planning World Congress on *Development Policies for Rural Areas: Small Towns and Urban Regions*, Dublin, Ireland.
16. 1991: "Some Issues of Squatter/Settlements Upgrading in Kenya", paper presented at the Workshop on Squatter/Settlement Upgrading in Kenya, organized by the Department of Land Development, University of Nairobi, Mombasa.
17. 1991: "Squatter/Settlements Upgrading in Kenya: The Case Studies of Mombasa and Eldoret", paper presented at the Workshop on *Squatter/Settlements Upgrading in Kenya*, organized by the Department of Land Development, University of Nairobi, Mombasa (co-authored with S. Karirah).
18. 1991: "Squatter/Settlements Upgrading in Kenya: Preliminary Research Findings of the Mombasa Case Studies", paper presented at the Workshop on *Squatter/Settlements Upgrading in Kenya*, organized by the Department

- of Land Development, University of Nairobi, Mombasa.
19. 1991: "Urban Management in Kenya: Some Aspects of Land Development and Land Management", paper presented at the Review of Rural and Urban Planning in Southern and Eastern Africa Conference on *Urban Management in Southern and Eastern Africa*, Lilongwe, Malawi.
 20. 1991: "Urban Poverty and Governance in Kenya: Removing the Shadows", paper presented at the *Planning Workshop on Research into Urban Poverty and Governance in Eastern and Southern Africa*, organized by the Urban Management Programme of the United Nations Centre for Human Settlements (UNCHS/Habitat) and the World Bank and the Ford Foundation, Nairobi.
 21. 1991: "Urban Development Challenges in Kenya: Reflections on Some Poverty Alleviation Strategies", paper presented at the Town Planning Chapter of the Architectural Association of Kenya (AAK) National Workshop on *Rural-Urban Drift: Development Challenges*, Nairobi.
 22. 1991: "Neighbourhood Development in Selected African Cities: The Kenya Case Studies", paper presented at the Workshop in *Neighbourhood Development in Selected African Cities*, organized by the German Technical Cooperation (GTZ), Accra, Ghana (co-authored with D. Kithakye and J.M. Malombe).
 23. 1991: "Land Economics and Housing Management Education for the Implementation of the Sectional Properties Act", paper presented at the Seminar on the *Implementation of the Sectional Properties Act*, Ministry of Lands and Housing, Government of Kenya, Nairobi.
 24. 1992: "Planning for Urban Conservation in Kenya: The Cases of Mombasa Old Town and Lamu", paper presented at the International Workshop on *Urban and Regional Planning of Mombasa and the Coastal Region*, Mombasa.
 25. 1992: "The Primacy of Land in Rural Development: Issues and Options in Kenya", paper presented at the Rural and Urban Planning in Southern and Eastern Africa (RUPSEA) Network Conference on *Rural Land Development and settlement Planning in Southern and Eastern Africa*, Lusaka, Zambia.
 26. 1993: "The Use of Land, Infrastructure and Housing for Own Development Initiatives: Examples from Kenya", a paper presented in response to M. Serageldin's Seminar on "How Families Use Land, Infrastructure and Housing in Their Own Development" as part of the Harvard University's *Family and Development Initiatives Research Project*, organized by USAID/RHUDO and Shelter Forum, Nairobi.
 27. 1993: "State Responses to Urban-Rural Relations: Crisis of Explanation", paper presented at the *Rural and Urban Interactions and their Implications for Subnational and National Development in Southern and Eastern Africa*, Maseru, Lesotho.
 28. 1993: "Equalization of Opportunities: The Disabled Question", paper (opening speech) presented at the Workshop on *Equalization of Opportunities: The Case of Disabled Persons*, Nairobi.
 29. 1993: "The Experience of the Conservation of Architectural Heritage in Kenya: The Cases of Lamu and Mombasa", paper presented at the Symposium on *Conservation of Architectural Heritage*, Amman, Jordan.
 30. 1994: "Enabling Institutional Arrangements for Human Settlements

- Development in Kenya", paper presented at the National Workshop on the *Preparation of the Second United Nations Human Settlements Conference 1996 (Habitat II)* organized by the Ministry of Public Works and Housing, Government of Kenya, Eldoret, (March) (co-authored with L. Muraguri).
31. 1994: "Africa in the Habitat II Process: Enriching the Dialogue", Executive Summary of the Position Paper on the Second United Nations Conference on *Human Settlements 1996 (Habitat II)* prepared for Shelter Afrique and presented to the Meeting of the African Ministers for Human Settlements held at Nairobi on April 1994 and also presented (revised) at the Annual General Meeting of Shelter Afrique at Abuja, Nigeria (May).
 32. 1994: "The Kenya Experience with Changes in Land Tenure Systems and Their Impact on Economic Development", paper presented at the Conference on *Land Tenure Systems and Their Impact Upon Economic Development*, Harare, Zimbabwe (July).
 33. 1994: "Urban Research in the Developing World: Trends of Urban Poverty in Kenya, 1974-94", paper presented at the Global Urban Research Initiative (GURI) Workshop on *The Governance of Urban Development in East Africa: A Research Perspective*, organized by the Institute of Development Studies, University of Dar es Salaam, Dar es Salaam.
 34. 1994: "Non-governmental Organizations (NGOs) and Community Groups (CBOs) in the Habitat II Process: Involvement Through Understanding and Participation", Background Paper presented at the Workshop on *Habitat II: Bridging the Gap*, organized by Kenya Youth and Habitat Organization, Nakuru, Kenya.
 35. 1995: "The Question of the Environment and Sustainable Human Development", a paper presented as a thematic response to the "Sustainable Human Development: An Analysis of the Kenyan Situation" by J.M. Bahemuka & P.N. Mbatia at the *Sustainable Human Development Workshop*, organized by the United Nations Development Programme (UNDP), Nairobi, Kenya.
 36. 1995: "Realism in Responding to Shelter Needs for the Poor, or is it?: Housing Perspectives in Kenya", a contribution paper to the *20 Years in Housing*, a document that analyzed housing issues around the World between the First (1976) and the Second (1996) United Nations Conference on Human Settlements (Habitat I & II), by Habitat International Coalition (HIC)/Women and Shelter Habitat II Global NGO Program, Toronto, Canada, August.
 37. 1995: "The Future of Nairobi", paper presented at the International Workshop on *Architecture and Futures of Cities* organized by the Centre for Built Environment, Calcutta, India.
 38. 1996: "Towards Sustainable Space Management for the University of Nairobi", paper presented at the Sub-Regional Workshop on *Institutional Management of Higher Education for Eastern and Southern African Countries*, organized by the International Institute for Educational Planning (IIEP), UNESCO, Nairobi, March.
 39. 1996: "The Greening of Development: Thinking Globally, Designing Locally", paper presented at the Second All Africa Seminar on *Green Architecture and Environmentally Sensitive Sustainable Development*, organized by the Department of Architecture, Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya.

40. 1996: "Surveying and Land Economy Education in Kenya: Vision that is Imprinted with the Past", paper presented at the Commonwealth Association of Surveying and Land Economy (CASLE) Eastern Africa Regional Seminar on *Vision of Surveying Professions in the Third Millennium: Eastern Africa Context*, Nairobi, Kenya.
41. 1997: "Going Beyond Shibboleths: The Place of Land Tenure in Urban Management in Kenya", Paper presented at the International Conference on *Land Management*, Organized by the School of Surveying, University of East London, London, 1997.
42. 1997: "Improving Environmental Quality of Nairobi: Emerging Issues and Strategies", Paper presented at the Second International Symposium on *Urban Planning and Environment on Strategies and Methods for Improving Environmental Quality in Compact Cities*, Organized by the International Urban Planning and Environment Association University of Groningen, Groningen, The Netherlands.
43. 1997: "Sustainable Heritage Management: Policy, Institutional and Legislative Framework for Urban and Monument Conservation in Kenya", Paper presented at the International Workshop on *Urban and Monument Conservation*, Organized by the National Museums of Kenya, Nairobi, May 1997.
44. 1998: "Urban Land Market Reform in Kenya: Issues, Perspectives and Challenges", Paper presented at the Workshop on *Comparative Policy Perspectives of Urban Land Market Reform*, organized by the Institute of Land Policy, Cambridge, Massachusetts, U.S.A.
45. 1999: "Tradition versus Realism: The Emerging Forms of Land Tenure Arrangements in the Urban areas of Kenya", Paper presented at the Workshop on *Tenure Security Policies in South Africa, Brazilian, Indian and Sub-Saharan African Cities: A Comparative Analysis*, organized by International Research Group on Law and Urban Space (IRGLUS) and the Centre for Applied Legal Studies of the University of Witwatersrand, South Africa.
46. 2003: "The Experience of the Privately Sponsored Studentship and other Income Generating Activities at the University of Nairobi",. Paper presented at a *Regional Training Conference* sponsored by the World Bank and the Association of African Universities, Accra, Ghana.
47. 2005 : "Entrepreneurialism and Adaptability in Kenyan Universities in the Face of Declining Donor and Government Support", Paper presented at the Expert Meeting and Conference on *A Changing Landscape: Making Support for Higher Education and Research in Developing Countries More Effective*, organized by the Netherlands Organization for International Cooperation in Higher Education (NUFFIC), The Hague, The Netherlands.
48. 2005: "The Advancement and Quality Assurance of Higher Education in Kenya: Glimpses of the Strategic Plan of the Commission for Higher Education", Paper presented at the World Bank, Washington, D.C. U.S.A.
49. 2005: "Entrepreneurialism and Adaptability in Kenyan Universities in the Face of Declining Donor and Government Support: The Role of Regulatory
50. Bodies in University Medical Education", paper presented at Workshop on the *Role of University Teaching and Referral Hospitals in Kenya* held in Nairobi, Kenya.
51. 2005: "Entrepreneurial Impulses in Higher Education in Kenya", Paper

- Presented at the 10th Annual *Oxford Roundtable on Higher Education Leadership*, held at St. Anthony's College in the University of Oxford, Oxford, U.K.
- 52.2005: "Building Institutional Capacity: Regional and Sub-Regional Approaches in East Africa", Paper presented at the *Abertay Conversation: Consultation on Future Developments in Africa Higher Education*, held at the University of Abertay Dundee, Scotland, U.K.
 - 53.2005: "An Overview of Accreditation and Quality Assurance Practices in Kenya", Paper presented at the Workshop on *Accreditation and Quality Assurance Practices in East Africa*, organized by the IUCEA, Bagamoyo, Tanzania.
 - 54.2005: "Operational Modalities (Rules and Procedures) for the Management of the Ministry of Education, Science and Technology Budgeted Research Fund", Paper presented during the *Kenya Education Sector Support Programme Meeting*, Nairobi, 2005.
 - 55.2005: "The Experience of Accreditation, Quality Assurance and Recognition of Higher Education in Kenya", Paper presented at the International Conference on *Accreditation, Quality Assurance and Recognition of Qualifications in Higher Education in Africa*, Organized by the UNESCO's Harare Cluster Office, Harare, Zimbabwe.
 - 56.2009: "Establishing a sustainable Pan African Framework and Program of Collaboration and Partnership among African Open and Distance Learning Universities", Keynote Speech during the Launching Conference for the African Universities Association for Distance Education, Organized by the African Council for Distance Education, Nairobi, Kenya.
 - 57.2009: "Mobilizing Policy for Regional Science, Technology and Innovation System for Africa", paper presented at the World Science Forum on *Knowledge and the Future*, held in Budapest, Hungary.
 - 58.2009: "Overview on Science & Technology Institutions, Networks, Policies, Priorities, Implementing Programmes", paper presented during the "German and France: Towards a Joint Approach for Science and Technology Cooperation with Developing Countries: the Example of Sub-Saharan Africa", Berlin, Germany.
 - 59.2009: "The Importance of the African Science and Technology Indicators Initiative (ASTII) for Africa's Development", presentation during the African Science and Technology Indicators Initiative (ASTII) Validation Workshop, organized by the NEPAD, Addis Ababa, Ethiopia, Ethiopia.
 - 60.2010 "ICT Indicators and Performance Targets: Is ICT a Critical Component of the Research and Learning Environment of Higher Education Institutions", Paper presented during Workshop, organized by Kenya Education Network (KENET), Mombasa, Kenya.
 - 61.2010: "Towards a Credit Accumulation and Credit Transfer in Kenya: Benchmarking with the Best", Keynote presentation on the Occasion of the Opening Ceremony of the National Stakeholders Workshop on *Credit Accumulation and Transfer System*, Organized by the Commission for Higher Education, Kenya School of Monetary Studies, Nairobi, Kenya.
 - 62.2010): "Our Challenge: Educating the Youth for Creativity, Innovation and Invention for Wealth Creation," presentation during the *Kenya Youth Empowerment and Employment Initiative: Moving Young People into Education and Jobs*, Organized by Nazarene University, Nairobi, Kenya.

63. 2010: "Policy on Scientific Research and Technological Development: The Way Forward", Presentation to the National Defense College, Nairobi, Kenya.
64. 2010: "The Enhancement of Strategic Staff Development as Key to Quality Higher Education, Science and Technology in the East African Region", Keynote Speech during the Opening Ceremony of *DAAD Regional Eastern Africa Alumni Network International Conference and Training of Staff Development*, Nairobi, Kenya.
65. 2011: "Science and Technology: A Tool for Development Prospects and Possibilities for Kenya", presentation during the Kenya Ambassadors and Higher Commissioners Conference, Mombasa, Kenya.
66. 2011: "Daring to Provide Leadership in Research in Mathematical Sciences in Africa", presentation during the Launching of the Centre for Applied Research in Mathematical Sciences and Opening Ceremony of the First Strathmore University Mathematics Conference, Nairobi., Kenya.
67. 2011: "Information communication Technology (ICT) - Education and Digital Literacy Strategies and Initiatives in Kenya"
68. 2011: "Initiatives on the Harmonization of Higher Education as Part of the Broader Initiative to Revitalize and Re-orient African Education System",
69. Speech during the Opening Ceremony of the *African Higher Education and Tuning Validation Workshop*, organized by the European Commission, Nairobi, Kenya.
70. 2012: "The Role of Technological Innovation in the Development of a Knowledge Economy: Towards an Innovation Policy for Kenya" Official Opening Remarks during the *First Africa Mobile Money Research Conference: Evidence of Financial Inclusion Through Mobile Technology* organized by Kenya Education Network (KENET), Nairobi, Kenya..
71. 2012: "Science, Technology and Innovation Policy in Kenya and East Africa and the Impact of South-South Cooperation", Paper presented at the Training Workshop on Science, Technology and Innovation Policy Management for Socio-Economic Transformation, organized by the International Science, Technology and Innovation Centre (ISTIC), Kuala Lumpur, Malaysia.
72. 2012: "Africa-China Cooperation in Science, Technology and Innovation Strategy", Keynote Speech during the Occasion of the *Official Launch of the International Research and Training Centre for Science and Technology Strategy (CISTRAT) and International Workshop*, organized by the Chinese Academy of Science and Technology for Development (CASTD), Beijing, the People's Republic of China.
73. 2012: "ICT for Education: The Kenya Case", paper presented at the *Innovation Africa Summit*, Cape Town, South Africa.
74. 2012 ; "Intellectual Property issues in Relation to African Countries", Presentation made at The Joint International Science, Technology and Innovation Centre (ISTIC), the Future University, Sudan and the Islamic Development Bank (IDB) *Training Workshop on Technopreneurship*, Khartoum, Sudan.
75. 2013: "The Way Forward for International Science, Technology and Innovation Centre (STIC): New Programmes", presented at the *Round Table: International Science, Technology and Innovation Centre (ISTIC) Return to UNESCO Conference*, UNESCO, Paris, France.

- 76.2013: “Creating Networks of African Centers of Excellence: Emerging issues”, presented at the Heads of Institutions Forum on *Measuring the Value of Broadband and ICT in Higher Education and Research Institutions*, Mombasa, Kenya.
- 77.2014: “Higher Education, Science and Technology for Development in Kenya”, Panelist presentation at the *High Level Forum: Higher Education, Science and Technology in Africa*, organized by the Partnership for Skills in Applied Sciences, Engineering and Technology (PASET), the World Bank and the Government of Rwanda, Kigali, Rwanda.
- 78.2014: “Skills for the Construction Sector in Kenya”, Panelist presentation at the *High Level Forum on Building Talent for Africa’s Socio-Economic Transformation: Skills in Applied Sciences, Engineering and Technology for Priority Sectors*, organized by the Partnership for Skills in Applied Sciences, Engineering and Technology (PASET), the World Bank and the Government of Senegal, Dakar, Senegal.
- 79.2014: “The Governance of Higher Education Sector in Kenya”, (co-authored with Bayusuf, H.), paper presented at the *World Bank and Government of Kenya Audio Consultations on Higher Education*, World Bank Office, Nairobi, Kenya.
- 80.2014: “Review of the Study Report of Developing a Pan-African Quality Assurance and Accreditation Framework: Quality Control on the Pan-African Quality Assurance and Accreditation Framework”, Africa Union and the Joint
81. Africa-European Union Strategy Support Mechanism (JAES SM), Addis Ababa/Brussels.
- 82.2014: “Governance of Post Secondary Education in Kenya: A Review of the New Governance Structures and Challenges”, (co-authored with Bayusuf, H.), Global Practice Education, World Bank, Washington, D.C., USA.
- 83.2014: “Science, Technology and Innovation and Job Creation: What Skills are Needed in Emerging Labor Markets in the East African Community (EAC) for Extractive Industries (Oil, Gas and Mining)?”, Panelist presentation at the *Second Ministerial Forum on Science, Technology, and Innovation in Africa*, organized by the African Development Bank at Rabat, Morocco.
- 84.2014: “How a Regional Research and Innovation Capacity Building Programme based on Academia-Public-Private Partnership could Support in Harnessing East Africa’s Innovation Potential?”, Paper presented at the *Academic-Public-Private Partnership Forum and Exhibitions 2014: Harnessing East Africa’s Innovation Potential*, organized by the Inter-University Council of East Africa (IUCEA), East Africa Development Bank (EADB) and East African Business Council, in Kigali, Rwanda.
- 85.2015: “A Review of CAPES for Africa: A Conceptual Framework for Building an Institution Based on the Model of the Brazilian Federal Agency for Support and Evaluation of Graduate Education (Coordenação de Aperfeiçoamento de Pessoal de Nível Superior) (CAPES-Brazil)”, Global Practice Education, World Bank, Washington, D.C.
- 86.2015: “The World Bank African Higher Education Centers of Excellence”, presented at the *Quality Postgraduate Research Training in Kenya: Stakeholders Consultative Forum*, organized by the Commission for

- University Education, Nairobi, Kenya.
87. 2015: "The World Bank African Higher Education Centers of Excellence: Lessons from West and Central Africa (ACE I)", presented during the *Kenya National ACE II Workshop*, organized jointly by the World Bank and the Ministry of Education, Science and Technology, Kenya, Nairobi, 8 May 2015.
 88. 2015: "Teaming, Twinning And Networking of Centres of Higher Education, Science, Technology and Innovation: Background and Concept Paper", Presented during the *8th Governing Board Meeting of the International Science, Technology and Innovation Centre for South – South Cooperation Under the Auspices of UNESCO (ISTIC-UNESCO)*, and *ISTIC-UNESCO Conference on Post-2015 Development Agenda*, Kuala Lumpur, Malaysia.
 89. 2015: "Importance of Scientific and Technical Research in Africa", Keynote presentation during the Workshop on *Energy Research with Africa: A Talk with Experts from the Field*, organized by the UNESCO Chair in the Energy for Sustainable Development, Department of Energy, Politecnico di Milano, Milano, Italy.
 90. 2015: "A Perspective From and For Africa: Energy and the Integrated Management of Resources", Keynote presentation during the *Energy and the Integrated Management of Resources: Systems Thinking for Technicians and Policy Makers*, organized jointly by the Politecnico di Milano, Enel Foundation and the European Union, Milano 2015 Expo and Universities for Expo 2015 Scientific committee, Milano, Italy.
 91. 2015: "Science, Technology and Innovation and Development Innovations for Shared Prosperity", Keynote speech during the First International Conference on *Science, Technology and Innovation (STI) and Development: Innovations for shared Prosperity*, organized jointly by the World Bank and the International Innovation Cooperation Centre of Science and Technology Policy Institute of Korea (STEPI-IICC), Seoul, Korea.
 92. 2015: "Accreditation and Quality Assurance of Research Universities, Centres of Excellence and PhD Programmes", presented during the Global University Network for Innovation (GUNi)-Africa, African Quality Assurance Network (AfriQAN) and the Association of African Universities (AAU) 7th International Conference And Workshops On Quality Assurance In Higher Education In Africa, General Assembly Of The African Quality Assurance Network (AfriQAN) and Symposium Of Rectors, Vice-Chancellors And Presidents Of Universities on *Strengthening Quality Assurance In Higher Education In Africa To Meet Regional And Global Challenges*, Abuja, Nigeria.
 93. 2015: "The Experience of the Competitive Research and Innovation Fund in Kenya", paper presented at the International Symposium on New Financing Mechanisms of STI in Africa, organized by the National Academy of Sciences and Techniques (ANSTS), Dakar, Senegal.
 94. 2016: "Development Research Uptake in Sub-Saharan Africa (DRUSSA) Country Case Study (GHANA): Key Findings", Presented at the Association of Commonwealth Universities (ACU) *Conference of University Leaders 2016: Defining the responsible university: society, impact and growth*, Accra, Ghana.
 95. 2016: "The future of Commonwealth Scholarships: A consultation from the Commonwealth Scholarship and Fellowship Plan (CSFP) Taskforce",

Presentation during the Association of Commonwealth Universities (ACU) Conference of University Leaders 2016: *Defining the responsible university: society, impact and growth*, Accra, Ghana.

Major Consultancy Reports/Commissioned Studies

1. 1983: Team Member of the Study by Saad Yahya & Associates: *Expanding the Role of the Private Sector in Housing Development in Kenya*, for the United Nations Centre for Human Settlement (UNCHS/Habitat) and the Government of Kenya, Nairobi.
2. 1987: Team Member of the Study by Saad Yahya & Associates: *Land Administration and Land Use, a contribution Study to National Housing Strategy for Kenya, 1987-2000*, for the Government of Kenya, Nairobi.
3. 1988: Team Member of the Study by Saad Yahya & Associates: *Kenya Second Urban Project: Project Completion Report*, for the Government of Kenya and the World Bank, Nairobi.
4. 1990: "Kenya Secondary Towns Project: Property Valuation Procedures", contribution to Deloitte Haskins and Sells and Tysons Limited study on *Financial Management for the Secondary Towns Project in Kenya*, for the World Bank and the Government of Kenya, Nairobi.
5. 1991: "Land Valuation and Compensation", Contribution to the Study by African Development and Economic Consultants Ltd. (ADEC): *Magwagwa Hydroelectric Power Project: Environmental Impact Assessment Study*, for Japanese International Cooperation Agency (JICA) and the Kenya Power Company Limited, Nairobi. Authored all Chapters on
6. 1991: Team Member of the Study by the African Development and Economic Consultants Ltd. (ADEC), Ewaso Ngiro River (South) Multipurpose Development Project Environmental Impact Assessment: Socio-Economic Issues Related to Proposals for Ewaso Ngiro River Developments, for the Kenya Power Company Limited, Nairobi. Authored: "Definition of Project Area" (part of Chapter 1, pp. 3-9); "Categories of Land(s) to be Affected by the Project" (part of Chapter 1, pp. 9-10); "Land Tenure and Ownership Systems" (Chapter 2, pp. A-2 to A-10); "Land Ownership and Tenure" (Chapter 6, pp. B-1 to B-8); "Criteria and Mechanisms for Payment of Compensation" (Chapter 9, pp. C-1 to C-22); "Institutional Forum for Assessment and Compensation" (Chapter 11, pp. C-23 to c-46); "Land Tenure and Concept of the Group Ranch" (Appendix 2, pp. E-6 to E-12); and "Project Area and Land Tenure" (Appendix 3, pp. E-13 to E-26).
7. 1992: "Options for Reforming Land Policy in Kenya, for the Synoptic Post Election Action Programme for Kenya", organized by the Friedrich-Naumann-Stiftung, Nairobi.
8. 1994: Africa in the Habitat II Process: Enriching the Dialogue, Position Paper on the Second United Nations Conference on Human Settlements 1996 (Habitat II) Commissioned by Shelter Afrique, Nairobi.
9. 1996: "Report on the State of Human Settlements in Africa, 1996", Commissioned by the United Nations Economic Commission for Africa (UNECA), Addis Ababa, launched during the Second United Nations Conference on Human Settlements (Habitat II) in Istanbul, 1996 (co-

- authored with T.S. Chana & M.Diagne and Y. Berhan).
- 10.2016: “Development Research Uptake in Sub-Saharan Africa (DRUSSA) Programme: The Case Study of Ghana”, Commissioned by the Association of Commonwealth Universities (for the Department for International Development - DfID).
 - 11.2017: “Mapping And Assessment Of Innovative Initiatives In Higher Education In Africa”, commissioned by the MasterCard Foundation.
 - 12.2017: Re-engineering African/Kenya Universities”, presentation during the Vice Chancellors’ Convention on **University Education and Sustainable Development in Kenya**, Nairobi, Kenya on 25-26 January 2017.

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