

CURRICULUM VITAE

Name: Edwin Oyaró Ondieki, PhD
Profession: Architect (registered)
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Membership in Professional Societies:

- Member of the Architectural Association of Kenya (MAAK)1993.
- Registered as Architect in 1997 by The Board of Registration of Architects and Quantity Surveyors of Kenya.

Key Qualifications:

- 23 year's experience in teaching architecture, technician training, architectural practice, research and management of training and curriculum development.

Education and Training:

- 2012-15 Doctor of Philosophy (PhD), Oslo School of Architecture and Design (AHO), Norway, 2016.
PhD focus was in "Affordable housing research"
- 1996-98 Master of Architecture (M. Arch.) **University of Auckland - New Zealand**, 1999.
Masters studies focussed on "Affordable building technologies and materials"
- 1987-92 Bachelor of Architecture (B. Arch.) Hons, University of Nairobi – Kenya, 1993.
- 2011 Attended a **Training of Trainers Course on ISO 9001: 2008** conducted by Apex Consultants for the University of Nairobi.
- 2002 Attended a course on **Managing the Training Function** (21st Oct. to 8th Nov. 2002) at the Eastern And Southern African Management Institute (ESAMI)-Durban - South Africa
- 2001 Attended a **Training of Trainers Course (TOT)** (22nd Oct. to 2nd Nov. 2001)Kenya Institute of Administration (KIA)

Research- publications, conferences papers and commissions

Research/ Papers

- 2019 Exploring the evolution and quality of tenements in Nairobi: Upcoming publication in the "Urban Forum" journal.
- 2019 Domestic Life in Nairobi's Tenements: Upcoming book chapter in a book to be titled; "Living in the City".
- 2018 Intelligent and Smart building systems: Impact on operation and maintenance of housing: A paper presented during the Institution of Surveyors of Kenya (ISK) 2018 Regional Conference in Nairobi: 14-16 November 2018 on the Theme: Land and Property Sector- Delivering on Africa Sustainable Development.
- 2018 Tracing Vulnerability: An Assessment of the Impact of Interventions in Housing and Road Infrastructures in Nairobi, Kenya. "Africa Habitat Review Vol:12(2)-2018". Nairobi, SBE Publication-UoN. (Page 1401- 1420). Co-authored with Noel Omollo Okello
- 2018 Quality of Affordable Housing: *paper presented during the BORAQS CPD Seminar between 16th and 17th May, 2018, under the theme: Housing the Nation - Emerging Technologies and Construction Materials in Housing*

- 2017 A Need for New Housing Policies in an Entrenched Neoliberal Economic Environment in Sub-Sahara Africa.) "Africa Habitat Review Vol:11 -2017". Nairobi, SBE Publication- UoN. (Page 1147-1155
- 2017 Architectural Education for future practitioners: Paper presented at the *Architectural Association of Kenya (AAK)-2017 Convention* in Mombasa – Kenya on 8th-11th November 2017
- 2017 Tenement housing in Nairobi: Its growth and quality. Public lecture at the Department of Architecture, University of Tokyo on 18-01-2017
- 2016 The urgent need for new housing policies in an entrenched neoliberal economic environment. Paper presented at the opening ceremony of the exhibition on "Forms of Freedom, African Independence and Nordic Models" Sponsored by The National Museum of Art, Architecture and Design in Norway and hosted at the Nairobi National Museum 3.11.2016 – 3.1.2017.
- 2016 High-density housing policies and practices in large African cities: Publication in "Africa Habitat Review Vol:10 -2016". Preceded by conference paper presented at the 7th annual East Africa Regional Exhibition and Workshop at the University of Nairobi -16th to 18th August 2016.
- 2012-16 PhD Thesis: Tenement housing in Nairobi: The Case of Lucky Summer Settlement- Embakasi.
- 2014 Conference review- Metropolis nonformal: Anticipation in the Journal for Landscape Architecture (JoLA), theme issue 2-2014, Routledge.
- 2013 'Rooming' tenements of Nairobi, paper presented in a symposium. Theme: Metropolis nonformal: Anticipation between 20-23 November 2013. Munich.
- 2012 Quality of Rental Housing and the Rent Dilemma for Low-Income Housing in Nairobi; A Paper Presented during the Urban Housing Market Dynamics Workshop on 9th March 2012 at School of the Built Environment, University of Nairobi.
- 2010 Developing Resources for the Teaching of Architects, paper presented at the workshop on training and practice of architecture in contemporary times (25th-26th August 2010). Published in "Africa habitat review journal" volume 5, number 5, July 2011.
- 2009 Member of a team of multi-disciplinary professionals, under Africa Projects Coordination Agency Ltd (APCA) developed a "**Digital Mapping and Strategic Development Plan for Garissa Town.**" The specific input on the study was on settlement and housing that was the product of two chapters on "Spatial Planning" and "Land use and urban structures". The study was a commission of the Ministry of Local Government.
- 2007 Coordinated a team of experts under Splandec Consultants in carrying out Feasibility study and preliminary design and environmental and social impact study of Oloitokof to Namanga Road through Amboseli National Park. A government of Kenya Project through the Ministry of Roads and Public Works.
- 2005-6 Coordinator of three research project under Splandec Consultants, namely; Feasibility study and detailed design for Non Motorized Transport (NMT), Storm Water Drainage (SWD) and Road Safety Initiatives (RSI) across 15 towns in Kenya. The study was run for the Ministry of Local Government. The 15 experts under this team were as follows: - Design engineers, environment experts, sociologists, surveyors, Finance experts, Lawyers and Planners.
- 2002 Member of the committee tasked to write the first Strategic plan, 2002 – 2008, for Ministry of Roads and Public Works.
- 2000-1 Member of the ministerial task force that drafted the 2001-2004 Poverty Reduction Strategy Paper (PRSP) on the component of "Human Resource Development". This was a government policy document on poverty alleviation.
- 2000 **Inventory of building resources, techniques and designs for Maasai Integrated Shelter Project (MISP).** A research commission by Intermediate Technology Development Group- East Africa (ITDG -EA), (current, Practical Action- East Africa). The material was compiled into a book.
- 1997 Master of architecture research thesis: "Application of Polystyrene for building in developing countries"
- 1992 Bachelor of Architecture - 5th Year project dissertation: "Architectural Expression of Hospital Forms"

Experience Record: (advisory, consultancy and employment)

Advisory Assignment:

- 2018 onwards** Member of the Task force on formulation and develop of Construction Industry Policy (April to June 2018)
- 2018 onwards** Member of the Industry Advisory Committee for the Kisii National Polytechnic (Department of Building & Civil Engineering).
- 2016- Present:** Member, Technical Committee (TC) in the sector of “**Clay and clay products**” - Kenya Bureau of Standards (KeBS)
- 2016- Present:** Members of the Sector Training Committee (STC) on “**Infrastructure and allied services**” – National Industrial Training Authority (NITA)
- 2009 -2012:** Chairman, Technical Committee (TC) in the sector of “**Plywood and Boards**” at Kenya Bureau of Standards (KeBS)

Work record

2004 to present: University of Nairobi:

Position of Senior Lecturer

- Teach: Advanced Architectural studio and building technology and services in undergraduate programme.
- Supervisor: Theses and projects at both for both undergraduate and graduate level

Administratively

- 2018 – onwards: Deputy Head of the College performance contract committee
- 2016- present: The 5th year class master.
- 2009: Coordinated the writing of the Department strategic plan 2009.
- 2006- 2007: 2nd Class -Year Master
- 2005-2006: 3rd Class Year Master.
- 2005 & 2018: Serves in a number of departmental and school committees

2004- Present: Partner: Strasa Architects

1999 to 2003: Ministry of Public Works - Kenya Institute of Highways and Building Technology (KIHBT) Lecturer and Deputy Principal (2001-2003)

- Responsible for Co-ordination of training programmes, staff supervision; control of training materials and funds and staff development.
- Represented the Ministry of Roads and Public Works in the inter-ministerial Committee: - Sectoral Working Group (SWG) of the Human Resources Development Sector of Mid-Term Expenditure Framework (MTEF).
- Member of Ministerial - Work Improvement Team (WIT).
- Resource person/ trainer of the ministry staff on courses on Performance Improvement in Civil Service.
- Teaching responsibilities in building department

1998 -1999: Ministry of Public Works, Architectural Department: Architect and Project Team member.

- Responsible for design and supervision of Ministry of Health projects in the former Rift Valley Province.

1996 – 1998: The University of Auckland- New Zealand Postgraduate Student

- Post graduate studies in architecture with emphasis on construction/building technology and in particular the process of application of building material and the environmental impact of the production and application.
- Low cost/ affordable construction materials and technologies with a bias to the developing countries.

1994 to 1996: Ministry of Public Works: Assistant Architect and Team member

- Responsible for design and supervision of Ministry of Health projects in the former Rift Valley Province.
Ministry of health group

1993: Zastruga (K) Architects: Graduate Architect

Referees

Prof. Tom Anyamba

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Prof. Rukwaro

Dean of School

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Eng. Barnabbas Ariga, Former Principal KIHBT and Chief Roads Engineer- Ministry of Roads and Public Works.

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