



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: DR PETER AMALO MAKACHIA

Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	ARCHITECTURE AND SPATIAL PLANNING
Department:	URBAN DESIGN AND DEVELOPMENT
Current Designation:	Senior Lecturer, URBAN DESIGN AND DEVELOPMENT (DUDD)
Office Telephone:	
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Consultation Hours:	8.00 am-5.00pm



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	Architecture	University of Nairobi(Kenya)	2010
Master of Architecture (M.Arch)	Human settlement	cum laude(Belgium)	1995
Bachelor of Architecture (B.Arch)	Architecture	University of Nairobi(Kenya)	1986
Diploma	Architecture (Human Settlement)	cum frutu(Belgium)	1994

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2012 - to date	Technical University of Kenya	Senior Lecturer
2019 - 2022	Technical University of Kenya	Academic Team Leader
2012 - 2014	Technical University of Kenya	Chairman, Department of Architecture & Environmental Design
1998 - 2012	University of Nairobi (Department Of Architecture & Building Science	Lecturer
2003 - 2003	Jomo Kenyatta University Of Agriculture and Technology	Part Time Lecturer
1997 - 2002	Kenyatta University(Department of Enviromental Planning & Management	Part Time Lecturer
1997 - 1997	Kenyatta University(Department of Enviromental -Sicio-Cultural Studies	Part Time Lecturer
1988 - 1993	Team Leader & Divisional Architect, Mt Elgon (West Kenya)	Senior Architect
1986 - 1988	MOPWs, Kenya, Machakos District	Assistant Architect

GENERAL STATEMENT ON RESEARCH AREAS

Research into the history traversing precolonial era unto the colonial experience in the urban landscape of the region in a module series titled: 'The Architectural of the city in Eastern Africa' supported through a research grant through the Global Architectural History Teaching Collaborative (GAHTC) / MIT from the Andrew Mellon Foundation, delivered as a teaching module in a series of peer-reviewed lectures.

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Makachia, P.A (2011). The Physical Enviroment in the slums of Nairobi- An Investigation into the physical & spatial Qualities in the Informal Settlement of Nairobi using Case studieSlum Villages.	View online	
Makachia, P.A (2011) Evolution of Urban Housing strategies and dweller-initiated transformations in Nairobi	View online	
Makachia, P.A (2011) Housing Strategies in Kenyan towns and Dwellers- Initiated Transformations- Case Studies from Nairobi.	View online	
Makachia, P.A (2010) Governance and management of urban Housing - Challanges andOpportunities of Dwellers-Initiative Transformation in Formal Housing Production with Cases from Nairobi Housing Estates. LES UNJEUS ET LES DESIS DE LA GOUVERNANCE URBAINE EN AFRIQUE.	View online	
Makachia,P.A.(2010) Transformation of housing in Nairobi-	View online	
Makachia ,P.A (2008) Urban Management Training Guidelines for southern Sudan State capital Towns, Nairobi.	View online	
Makachia, P A (2006, Spring).Influence of House Forms On Dwellers - Initiated Transformations in Urban Housing.	View online	
Makachia ,P.A (2005a) A Manual for organized Self- Help Housing Densification in Eastlands,Nairobi.	View online	
Makachia,P,A (2005b) Influence of House Form on Dweller- Initiative Transformation in Urban Housing	View online	
Makachia,P.A, Talukhaba, A.A, & Omenya, A.O (2005) A Cost Modelling Design Strategy for Dwellers-Initiative Transformations in Urban Housing. In A,A Talukhaba, O.A Akindele,&j. Appiah-Baiden (Ed),	View online	
Innovative financing of housing for sustainable growth	View online	
Transformation of Housing in Nairobi	View online	
Participative design for urban housing	View online	
Makachia, P. A. (2019). Evolution of the 'Modern' expression in African Housing - An Investigation of the architectural expression in African residential space using case studies from Eastland's Housing Estates, Nairobi.	View online	
Time & Space in the Architecture of the Eastern African City	View online	
Lecture 1: Urbanism Eastern Africa	View online	
Lecture 2: Residential and Social Space	View online	
Lecture 3: Commercial and Civic Space in the City of Eastern Africa	View online	
Modern Vernacular: Theorizing Popular Architecture. In P. Meuser, & A. Dalbai (Eds.), Architectural Guide Sub-Saharan Africa (Vol. 7, pp. 190-193). Berlin: DOM Publishers.	View online	
Modern Vernacular: Theorizing Popular Architecture. In P. Meuser, & A. Dalbai (Eds.), Theorizing Architecture in Sub-Saharan Africa: Perspectives, Questions, and Concepts (pp. 162-3). Berlin: DOM publishers.	View online	
Makachia, P. A. (2021). Technocratic colonial housing policies and reductive modernism in Eastlands, Nairobi. In N. BERRE, P. W. GEISSLER, & J. LAGAE (Eds.), AFRICAN MODERNISM AND ITS AFTERLIVES. Oslo: Intellect Books / University of Chicago Press	View online	

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
David Lagat	Master of Architecture	2012
Anna Tabu Mysyimi	Master of Architecture	2014
Emmanuelle John Liombo	Master of Architecture	2012
Anita Shitseswa	Bachelor if Architecture	2019
Peter Ndaru	Bachelor of Architecture	2019
N	N	1

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Advanced Architectural Design	Studio-based instruction of architectural design of macro-scale projects in mainly urban areas	Janyary 2019 - TO-DATE
Architectural Research Methods	Introduction to scientific research and methods used in architecture	January 2019 - TO-DATE
Contemporary Architectural Theory	Review of theories of contemporary practice since the 21st Century	January 2019 - TO-DATE

PROFESSIONAL AFFILIATIONS AND SOCIETIES

TITLE	INSTITUTION
Corporate Architect	Architectural Association of Kenys
Registered Architect	Board of Registration of Architects & Quantity Surveyors