



UNIVERSITY OF NAIROBI

School of the Built Environment

Annual report

1. Introduction

The School of The Built Environment was created as from 3rd of January 2006, following the re-structuring of the former Faculty of Architecture, Design and Development. With over 70 staff and 1600 students we offer a unique range of educational opportunities spanning the diverse range of professions involved in the planning, design, construction, development, costing, valuation and management of our environment and infrastructure. Our driving philosophy is the promotion of effective training, education, relevant research and academic excellence in the built environment and related fields.

The School caters for the needs of government, industry, local and international communities and professional practice by providing courses in Architecture and Design Technology, Construction Management, Quantity Surveying, Valuation and Property Management, Planning, Housing and Urban Management. The courses offered in the School embrace a diversity of subjects, the common theme running through them being the man-made physical environment and the exercise of human control over it.

There are opportunities within the undergraduate taught programmes for industrial placements, field trips, and practical work, which supplement the usual mix of lectures, assignments, and group work. To enrich our programmes, the School maintains close links with the needs of practice through scholarship, research and consultancy. Virtually all courses are fully recognized and accredited by the relevant professional bodies. These include Architectural Association of Kenya, Institution of Surveyors of Kenya, Institute of Quantity Surveyors of Kenya, and Kenya Institute of Planners. In addition, the Bachelor of Architectural Studies/Bachelor of Architecture course is accredited by Commonwealth Association of Architects.

The professions within the School of The Built Environment have got a long history. They are as old as the University of Nairobi itself stretching back to the days of the Royal Technical College

of 1956. In 1967, the former Faculty of Arts and Architecture was re-named the Faculty of Architecture, Design and Development. This change of title reflected a re-appraisal of the objectives and scope of activities undertaken by the Faculty and the corresponding changes in the courses offered as introduced during the 1967-1970 triennium.

The School of The Built Environment offers professional courses in the fields of Architecture, Real Estate, Quantity Surveying, Construction Management and Planning leading to Bachelors degrees in these fields. There are also, currently seven (7) two-year postgraduate courses in Urban Management, Planning, Housing Administration, Valuation and Property Management, Construction Management, Building Management, and Architecture. The programmes are also open to self-sponsored students commonly referred to as Module II programmes. In addition, we offer a diploma in Estate Agency and Property Management plus a postgraduate diploma in Housing Administration.

As a professional School with diverse interests and needs, we are committed to being the leading built environment teaching and research institution within the African region. In order to offer relevant, dynamic and market driven academic programmes, all the Departments within the School are currently developing new curriculum in their respective disciplines.

At the students' level, the students have established professional associations which create an avenue for linkages with built environment practitioners. The three associations are: Architectural Students' Association (ASA), Construction and Real Estate Students' Association (CRESA) and Planning Students Association (PLASA).

Academic staff members attend and present papers in international conferences and workshops. To support this process, the School organizes an annual East African Regional Workshop and Exhibition on Architecture and Urbanism. These workshops bring together academia and practitioners from the region to exchange and deliberate on contemporary architectural and urban issues. Proceedings of these workshops are normally published by the Africa Habitat Review Journal which is domiciled in the School.

The School of the Built Environment is located in ADD Building off Mamalaka Road (vehicular access) and opposite the YMCA (pedestrian access). It is comprised of 3 Departments namely

- Architecture & Building Science
- Real Estate and Construction Management
- Urban and Regional Planning

The Dean's office plays the coordinating role of the entire school.

2. Programs offered

a) Architecture & Building Science

UNDERGRADUATE	GRADUATE	POSTGRADUATE
Bachelor of Architecture (BAR)	Master in Urban Management (MUM)	Doctor of Philosophy (Ph. D)
Bachelor of Real Estate (BRE)	Master in Architecture	

b) Real Estate and Construction Management

UNDERGRADUATE	GRADUATE	POSTGRADUATE
Bachelor of Quantity surveying (BQS)	Postgraduate Diploma in housing administration	Doctor of Philosophy (Ph. D)
Bachelor of Real Estate (BRE)	Masters degree in Construction management	
Bachelor of Construction Management (BCM)	Masters degree in Valuation & property management	
Diploma in Estate Agency & Property management	Masters degree in Housing administration	
	Masters degree in Building management	

c) Urban and Regional Planning

UNDERGRADUATE	POSTGRADUATE	PhD
Bachelor of Arts (Urban and Regional Planning)	Master of Arts (Planning)	Doctor of Philosophy (Ph.D)

3. Students' enrollment

a) Architecture & Building Science

Year of Study	Mod. I	Mod. II	Total
First Year	23	68	91
Second Year	32	79	79
Third Year	26	44	70
Fourth Year	27	28	55
Fifth Year	36	16	52
Sixth Year	18	20	38
Masters (M.Arch & M.U.M.)	0	33	33
PhD	0	3	3
Grand Total			421

b) Real Estate and Construction Management

PROGRAMME	NUMBER	TOTAL
UNDERGRADUATE		
Bachelor of Quantity Surveying (BQS)	297	
Bachelor of Real Estate (BRE)	304	
Bachelor of Construction Management (BCM)	179	
Diploma in Estate Agency & Property Management	13	793
GRADUATE		
Postgraduate Diploma in Housing Administration	38	
Masters degree in Construction Management	31	
Masters degree in Valuation & Property Management	15	84
POSTGRADUATE		
Doctor of Philosophy (Ph.D)		3
GRAND TOTAL		880

c) Urban and Regional Planning

PROGRAMME	NUMBER
UNDERGRADUATE	
Bachelor of Arts (Urban and Regional Planning)	240
POSTGRADUATE	
Master of Arts (Planning)	70
Doctor of Philosophy (Ph.D)	-
GRAND TOTAL	310

4. International students

NAME	GENDER	PROGRAMME	COUNTRY
Kayonde Peter	M	Bachelor of Real Estates	Uganda
Ajak Philip Garanga	M	Bachelor of Quantity Survey	Sudan
Msapato Miriam Elton	F	M.A in Valuation and Property Management	Malawi
Nyantari Jacob Samuel	M	Bachelor of Quantity Surveying	Tanzania

5. Research activities

Project Name	Sponsor	Start Year	End Year	Amount
Habitat Studies Southern & Eastern Africa	Norwegian University/ T.J.C.Anyamba	2002		US \$ 121,480
Phd Fellowship	DAAD Mary Imani Mukindia (PI)	1998		US \$ 5,514
Kenya National Library	Project Architect , Francis Mungai	2013	2013	
Integrated Regional Development Plan 2010-2040		2010	2040	
Urban Innovations Project	The Rockefeller Foundation And Center for Urban Research and Innovations			
Sustainable Buildings Policies In Developing Countries	United Nations Environment Programme (UNEP) and Centre for Climate Change and Sustainable Energy Policy.	2012	2013	US\$50,000

6. International Links and collaborations

- Oslo School of Architecture
- University of California
- Earth Institute University of Columbia

7. Publications

SN	Title/Name of the Article	Author/s	Name of Journal/Publication	Date of Publication
1.	Development of Disgust: effect of Delay in Re-Development of Occupied Buildings, a case study of ADD Building	Samuel M. Maina	Africa Habitat Review 7 (2013)	August,2013
2.	Participatory Development Using Devoled Funds: An attempt to develop public property via politics in Kenya	Muhammad A. swazuri	Africa Habitat Review 7 (2013)	August,2013
3.	Pathways in the implementation of National Spatial data infrastructure in Nigeria and Kenya	Maurice O. Oyugi	Africa Habitat Review 7 (2013)	August,2013
4.	Effects of the Public Procurement Oversight Authority Standard Tender Document on Procurement of Public Building Works in Kenya: A case of ministry of Public works managed Projects	Njeri wachira - Towey	Africa Habitat Review 7 (2013)	August,2013
5.	Perceptions of Land Conflicts with Special Reference to	Luke M. Obala	Africa Habitat Review 7 (2013)	August,2013
6.	Urban Street Design and Standards in Architecture; a case of mamlaka, Nyerere and State House Roads in the City of Nairobi	Robert Rukwaro	Africa Habitat Review 7 (2013)	August,2013
7.	Green building design Strategies in Tropical Climates	Musa Kimeu	The Architect	Issue 2, September 2013 – March 2014

8. Consultancies

No.	Name	Project name
1.	Department of Architecture & Building Science	Proposed bridge at Nairobi River (Kijabe Street), Ministry of Environment & Mineral Resources. Evaluation of Blocks D&E, Kenya Industrial Research Institute (KIRDI)
2.	Arch. E. Abonyo	Chiromo Human Anatomy Annexe,

		Chiromo Campus Extensions and Renovations to Engineering Building (UoN) Extensions and renovations to Estate Building (UoN)
3.	Arch. F.G. Mungai	Kenya National Library (Vision 2030 flagship) Office Building, Upper Hill Residential Development, Yaya Centre
4.	Arch. E. Oyaro	Economics Stimulus (GoK) Technical Development Centre, Athi River (Ministry of Coop Dev)
5.	Arch. E. Liku	Design & Construction Supervision of tuition & office block (South Eastern University College) Design of Model Trauma Hospital, Rongai
6.	Arch. Mahinda	Pharmacy project (UoN)
7.	Arch. N. Musyoki	South Eastern University SEUCO Proposed training hotel & conference centre for Machakos Technical Training Institute Proposed classrooms & lecture theatre for Machakos Technical Training Institute Proposed commercial development for Africa Brotherhood Church, Machakos
8.	Arch. Dr. L. Shihembetsa	Proposed church for Friends Church (Quakers), Buruburu, Nairobi Proposed multi-purpose hall for Friends Church (Quakers), Kakamega Proposed students' dormitories for Kakamega High School Proposed classrooms for Ikonyero Secondary School, Kakamega
9.	Arch. B. Ladu	Proposed Coast Water Services Board Mombasa Development NKG Coffee Factor, Ruiru (Attch 9)
10.	Arch. M. Kimeu	CUEA Hall Jodala Complex Hospital for Daughters of Charity, Karen Hospital for MSF Belgium, Langata South
11.	Dr. Mary Kimani	Consultancy services for feasibility study to identify investments for Kavunyalalo irrigation and drainage project.
12.	Dr. Mary Kimani	Environmental impact assessment study report for the proposed Ngong South wind power farm
13.	Dr. Samuel Obiero and Mr. Charles Osengo	Sustainable Buildings Policies in Developing Countries

9. Staff

SN.	Designations	No.
1	Full Professor	3
2	Assoc. Professor	11
3	Senior Lecturer	15
4	Lecturer	40
5	Assist. Lecturer	4
6	Tutorial Fellow	5
7	Graduate Assistant	4
8	Senior Assistant Registrar	1
9	Chief Technologist	1
10	Senior Technologist (DEF)	1
11	Technologist (ABC)	2
12	Social Interviewer	9
13	Senior Secretary (D)	2
14	Secretary (B)	2
15	Assistant Secretary (A)	6
16	Records Clerk (A)	1
17	Technologist Assistant	4
18	Messenger (ii)	3
Total		114

10. Graduands

Summary of Graduands – 2012/2013

	Course	No. of Graduands
1	Diploma in Estate Agency	11
2	B. A. Land Economics	3
3	Bachelor of Real Estate	65
4	Bachelor of Quantity Surveying	58
5	Bachelor of Construction Management	30
6	Bachelor of Architectural Studies	46
7	Bachelor of Architecture	47
8	B.A. Urban and Regional Planning	44
9	Postgraduate Diploma in Housing Administration	28
10	M.A. Construction Management	4
11	M.A. Valuation and Property Management	3
12	M.A. Urban and Regional Planning	9
13	M.A. Urban Management	1
14	Master of Architecture	1
15	Doctor of Philosophy	0

11. Papers presented in conferences

No.	Paper Presented	Conference	Presenter/Author
	Planned-from-scratch New Cities in Africa: Issues for Discourse	4 th Annual Eastern Africa Regional Exhibition and Workshop 2013, at ADD Building : date 26 th – 31 st august 2013	Alfred Omenya
2	Architecture and National Development: An appraisal of suitability of Contemporary Public Building Under Construction among sub-Saharan countries	4 th Annual Eastern Africa Regional Exhibition and Workshop 2013, at ADD Building : date 26 th – 31 st august 2013	AK. Birabi and B. Nawangwe
3	Informality and Access to Urban Housing	4 th Annual Eastern Africa Regional Exhibition and Workshop 2013, at ADD Building : date 26 th – 31 st august 2013	Arch.Prof. Anyamba T.J.C
4	Sustainability tools at the sub-national level: understanding what resources exist to help us plan our cities sustainably	4 th Annual Eastern Africa Regional Exhibition and Workshop 2013, at ADD Building : date 26 th – 31 st august 2013	Oursler, Anna.LEED GA and research Affiliate
5.	Development? Housing and Family culture in Nairobi	4 th Annual Eastern Africa Regional Exhibition and Workshop 2013, at ADD Building : date 26 th – 31 st august 2013	Dr. Lydia W. Muthuma
6.	Holistic Green building design in Nairobi	A paper written and presented by architect Musa Kimeu at UN-Habitat conference on FINANCING GREEN BUILDING IN AFRICA 18 th September 2013 at Strathmore University, Nairobi	architect Musa Kimeu
7	Sustainable Building Design strategies in the tropics: the Case for East Africa	A paper written and presented by architect Musa Kimeu at UN-Habitat conference on FINANCING GREEN BUILDING IN AFRICA 18 th September 2013 at Strathmore University, Nairobi	architect Musa Kimeu

12. Corporate Social responsibility projects

a). PC donation to Kavunyalalo Primary School

Dr. Mary Kimani(RECM) hands over computers to Mr. Eric Mweri, Deputy Headteacher, Kavunyalalo Primary School. As part of our corporate social Responsibility, we identified Kavunyalalo as a needy School and donated one new computer and Printer to the school on 19th December, 2012. We also donated five used computers for practice for the students.



b). Presentation of Slum Upgrading Approaches: "The Case Study of Silanga in Kibera

Venue: Silanga, Kibera

Contact Person : Prof. Elijah Ndegwa

Start Date: 2013-02-14

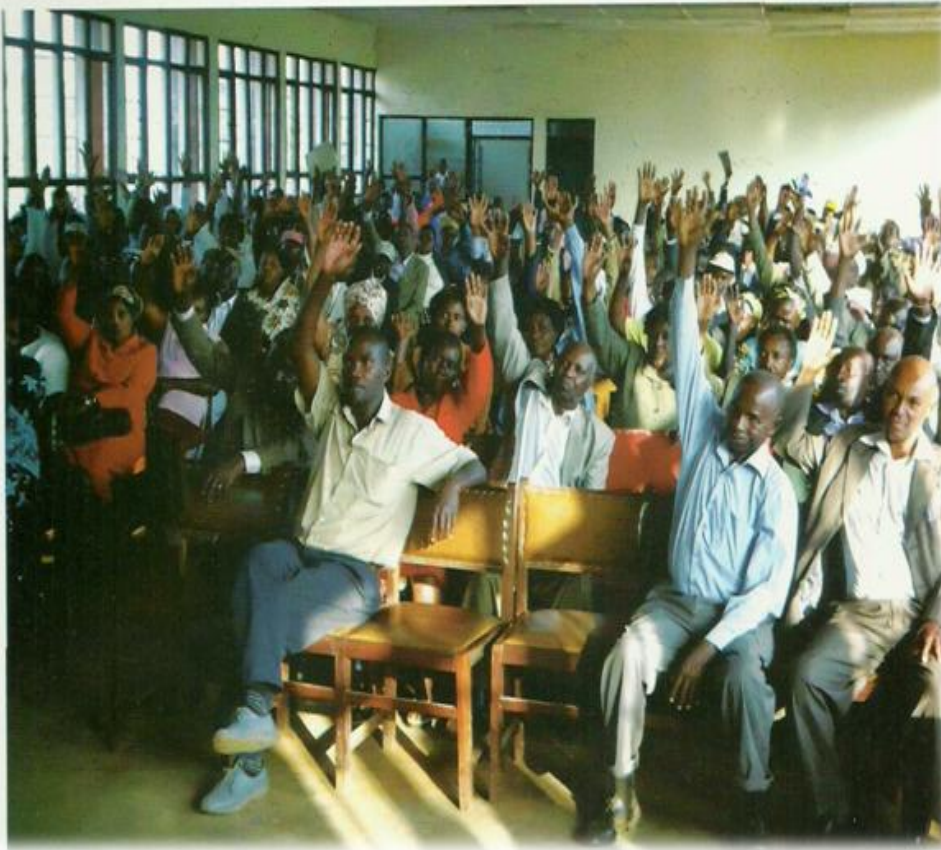
End Date: 2013-08-30

c). Kiharu Constituency Strategic Development Plan

Community participation

KIHARU CONSTITUENCY STRATEGIC DEVELOPMENT PLAN

WE, THE PEOPLE OF KIHARU, OF OUR OWN FREE WILL, GIVE OURSELVES THIS STRATEGIC DEVELOPMENT PLAN AS A FRAMEWORK TO GUIDE US IN DEVELOPING OUR CONSTITUENCY



Venue: Kiharu Trading Centre
Contact Person : Prof. Elijah Ndegwa
Start Date: 2012-12-07
End Date: 2013-08-30

d). Presentation of Mathioya Constituency Strategic Plan to the People of Mathioya Constituency

Venue: Kiria-ini Trading Centre
Contact Person : Prof. Elijah Ndegwa

Start Date: 2012-10-10

e). Community Participation

“SLUM DWELLERS INVITED TO PRESENT THEIR SETTLEMENT UPGRADING PLAN AT UNIVERSITY”

Introduction – Background to the Studio

On the 7th December 2011, University of Nairobi Planning Students Association (PLASA) in collaboration with Pamoja Trust and Departments of Urban and Regional Planning and Architecture hosted the Mabatini Informal Settlement Community in an Urban Studio to allow the residents showcase for critique both the process and the product of their settlement Upgrading plan. PLASA is a student based professional organization of the Department of urban & Regional Planning, University of Nairobi. One of its core aims is to mobilize the wider planning society towards achieving its fundamental objectives.








Mabatini Community at ADD, University of Nairobi Urban Studio to present their Village Upgrading Plan




The community of Mabatini has been working in collaboration with Pamoja Trust and the University of Nairobi (Urban Innovations Project) since 2007 in an effort to secure shelter improvement and land security over the land

they currently occupy. Through this community led process which seeks to provide an integrated settlement plan, a housing design by and for the community has been formulated.

13. Others

Current and Previous Deans

Dean	From	To
 Prof. T J C Anyamba (Architect)	2011	to date
 Prof. H. A. Gichunge (Quantity Surveyor)	2009	2011
 Prof. H. W. Olima (Valuer)	2004	2009
 Mr. Kamau Karogi (Architect)	2002	2004
 Prof. P. Syagga (Valuer)	1996	2002

 Prof. C. Kiamba (Valuer)	1992	1996
 Mr. Zacharia Maleche (Planner)	1990	1992
 Prof. G. K. Kingoriah (Valuer)	1988	1990
Prof. S. S. Yahya	1979	1988

Prof. T. J. C. Anyamba

Dean, School of the Built Environment

BNO/