



Curriculum Vitae

Dr. L. Arch. Sunday Julius Abuje Ph.D.

(B. L. Arch Hons – JKUAT'; MEPM – KU; PhD – JKUAT, MAAK; MEIK)

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1.0: CURRICULUM VITAE

Name: Sunday Julius Abuje

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1.1: PERSONAL DETAILS

Year of Birth: 1983

Nationality: Kenyan

Languages: English, Kiswahili and Dholuo

Gender: Male

1.2 CURRENT POSITION

Assistant Lecturer: Department of Landscape Architecture

Landscape Architect and EIA Expert: Ecotopia Studio

Africa representative: IFLA Climate Change Working Group

1.3: SUMMARY

Sunday Abuje holds a bachelor's degree in landscape architecture (Hons) from Jomo Kenyatta University of Agriculture and Technology (2007), a Masters degree in environmental planning and Management from Kenyatta University (2013), and a Doctorate Degree in Urban Planning and Development at JKUAT's Centre for Urban Studies (2021). He is an Assistant Lecturer in JKUAT at the Department of Landscape Architecture with 14 years teaching experience and six years in the current position. He is also a practicing Landscape Architect (12-years) as a Corporate Member of the Architectural Association of Kenya (Landscape Chapter); an Associate Environmental Impact Assessment Expert (3 years) registered with both National Environmental Management Authority and Environmental Institute of Kenya. Administrative roles he has undertaken include Treasurer of the AAK Landscape Chapter and Acting CoD at the Department of landscape Architecture. His research interests are in spatial planning, environment conservation and climate change adaptation in Urban or urbanizing locales.

1.4: KEY ACADEMIC QUALIFICATION

- Doctor of Philosophy • January 2016 – November 2021
Jomo Kenyatta University of Agriculture and Technology
Ph.D. in Urban Planning and Development. Focus on Climate Change Vulnerability assessments and adaptation in inland Urban Areas
- MEPM • September 2011 - December 2013
Kenyatta university
Master of Environmental Planning and Management. Key units in EIA, Environmental Planning and Conservation
- Bachelor of Landscape Architecture • April 2002 - July 2007
Jomo Kenyatta University of Agriculture and Technology

Bachelor of Landscape Architecture, First Class Honours. Key units included Landscape Planning & Engineering, Plant Ecology and Landscape Conservation

1.5: ADDITIONAL TRAINING

- 13th – 24th September 2016: Statistical Package for Social Sciences training.
- 8th – 14th August 1999: Peer Education Training on HIV/ AIDS and STIs

1.6: PROFESSIONAL AFFILIATION

- Architectural Association of Kenya (Landscape Chapter). Cooperate Member Number 2839
- Environmental Institute of Kenya (NEMA Expert). Associate Expert Number 10384

1.7: EMPLOYMENT HISTORY

- **2014 – Present: Assistant Lecturer (Department of Landscape Architecture)**
Jomo Kenyatta University of Agriculture and Technology
- **2016 – Present: Principal Landscape Architect**
Ecotopia Studio
- **2009 – 2014: Teaching Assistant (Department of Landscape Architecture)**
Jomo Kenyatta University of Agriculture and Technology
- **2007 – 2009: Part-time lecturer (Department of Landscape Architecture)**
Jomo Kenyatta University of Agriculture and Technology
- **2009 – 2015: Landscape Architect and Partner**
Lancad Landscapes
- **2008 -2009: Assistant Landscape Architect**
LARIAK Landscapes
- **2007 – 2008: Assistant Landscape Architect**
Garden City Landscapes

1.8: TEACHING EXPERIENCE (2007- TO DATE)

- **Jomo Kenyatta University of Agriculture and Technology**

2007 – Present: Teaching of Landscape Engineering, Applied Mathematics for Landscape Architects and Landscape Ecology II to undergraduate students at the Department of Landscape Architecture.

2016 – 2019: Co-teaching Urban Seminar I and Cities and Climate change to Masters in Sustainable Urban Design (MSUD) students at the Centre for Urban Studies.

- **Kenyatta University**

2019 – 2021: Part time teaching of Site Planning Studio, Architectural Design Studio I and Architectural Conservation to undergraduate students at the Department of Architecture and Interior Design.

2014 – 2018: Part time teaching of Planning Theory and Urban Planning Studio to MEPM students

- **Technical University of Kenya (TUK)**

2013: Part time teaching of Landscape Design Studio at the Department of Urban and Regional Planning

1.9: AREAS OF ACADEMIC AND RESEARCH INTEREST

- Climate Change and Urbanization.
- Environmental and fragile ecosystem Conservation
- Landscape planning and design

1.10: SUBSTANTIVE ADMINISTRATIVE DUTIES AND OTHER ENGAGEMENTS

- 2022: Team Lead for the LAAK - KDI Nature Based Solutions Project Team
- 2019 – Present: Africa Representative to the IFLA Climate Change Working Group.
- 2020 – Present: Member of the AAK Flood Response Taskforce.
- 2014 – 2016: Departmental EMS and QMS Committee Secretary
- 2013: SABS Representative to JKUAT LAPSET Corridor Committee
- 2009 -2011: Departmental Board Secretary
- Treasurer (AAK - Landscape Chapter)

1.11: STUDENT, ACADEMIC RESEARCH AND SCHOLARLY CONTRIBUTIONS

- Ph.D. Dissertation 2021: Influence of Urban form on Climate Change Vulnerability in Nairobi City
- Masters Thesis 2013: Urban Waterfront: An Opportunity for Outdoor Recreation and Conservation in Kisumu Municipality, Kisumu County.
- Bachelors Thesis 2007: The Impact of Outdoor Recreation on the Quality of Life of Inmates: The case of Langata Women's Prison

1.12: HONOURS, AWARDS AND GRANTS

- 2013: Participation in the organization of 2013 SABS Conference
- 2011: Participation on the organization of 2011 IFLA Symposium on Africa (2011)
- 2007: Outstanding Academic Performance (Basco Paints Award of Excellence)
- 2006: Outstanding Academic Performance (Vice Chancellor's Award)
- 2005: Outstanding Academic Performance (Vice Chancellor's Award)
- 2004: Outstanding Academic Performance (Vice Chancellor's Award)

1.13: PUBLICATIONS AND CONFERENCE PAPERS

JOURNAL ARTICLES

- An Analysis of Legal and Institutional Framework for Sustainable Urban Climate Change for Sustainable Urban Climate Change A Case of Nairobi (International Journal of Scientific & Engineering Research, Volume 9, Issue 1, January-2018).
- Vulnerability of Nairobi to the Effects of Climate Change between 1984 and 2016 (Landscape Architecture and Regional Planning. Vol. 5, No. 2, 2020, pp 38-45).
- Influence of Nairobi's Biophysical Characteristics on its Vulnerability to a Changing Climate (East African Journal of Environment and Natural Resources. Vol 2, No. 1, 2020).

CONFERENCE PAPERS

- Effects of Climate Change on the Coastal Monuments in Kenya (SABS Conference 7th October, 2021)
- Vulnerability of Nairobi City to the Effects of Climate Change (International Conference of the Natural Products Research Network for Eastern and Central Africa - 8 – 10, February 2018)
- Greening the City (BORAQS Conference in Nairobi - 2018)
- The Urban Water Edge: Legal Framework for Urban Waterfront Management: Implications for Kisumu Public Waterfront. (SABS Conference - 2013)

1.14: SPEAKING ENGAGEMENTS

CONFERENCES, WEBINARS, SEMINARS AND WORKSHOPS

- 7th July 2022. Building resilience: From Commitment to Action. Session 4: Opportunities for Climate Justice and Well being in Landscape Architecture <https://web.facebook.com/IFLAWorld/videos/>
- 23rd February 2022. Resilient Public Spaces (Climate Change Adaptation) <https://vimeo.com/682883593/9ebef8adc6>
- 13th October, 2021. Nature Based Solution for Climate Change Adaptation Urban Informal Settlements in Sub-Sahara Africa. https://www.youtube.com/watch?list=TLGGE2ULnmV8N5EwNDzAzMjAyMg&v=zZnuJW8iVGs&feature=emb_logo
- 19th August 2021. IFLA World Climate Change Declaration.
- 17th June 2020: Built Environment Professionals Response to Flooding: Tackling the reality on the ground. www.facebook.com/ArchKE/videos/2327107577599118
- 20th – 21st September 2018 BORAQS Conference and CPD Seminar. Theme: Safeguarding the Environment – The Role of Professionals in Sustainable Construction.

- 8th – 10th, February 2018: International Conference of the Natural Products Research Network for Eastern and Central Africa. Theme: Utilization of Natural products or betterment of livelihood of mankind.

1.15: IN-ATTENDANCE

- 11th July, 2016 - Urban, Economic Development and Climate Resilience Dynamics in Kenya (Kenya School of Government - Nairobi).
- 15th - 17th October 2015: International Federation of Landscape Architects (IFLA) Symposium
- 17th Feb. 2015 – UN-Habitat/Chalmers University Open Discussion (Nairobi - Kenya)
- 12th - 14th Nov. 2014 - UN-Habitat/Kenya Municipal Programme Planning Sessions (Mombasa - Kenya)
- 28TH Aug. 2014 - UN-Habitat/Kenya Municipal Programme One day Learning Session (Nairobi).
- 2nd - 3rd August 2014 – UN-Habitat/ Kenya Municipal Programme 2 Day Planning Sessions (Naivasha - Kenya)
- 10th – 12th October 2013: JKUAT SABS Conference. Theme: Promoting Sustainable Built Environment: Architecture, Environment, Technology and Society in the Global South
- 5th - 7th October, 2011: International Federation of Landscape Architects (IFLA) Symposium. Theme: Landscape Architecture education and practice in Africa.

1.16: FUNDED RESEARCH PROJECTS

- 2022: Nairobi River Regeneration: Nature Based Solutions (Konkuey Design initiative and the AAK – Landscape Chapter)
- 2016: Climate Change Adaptation and Urban Planning in Nairobi City
- 2015: LIANE (Laboratory for an Integrated African Network for the Built Environment)
- 2015: Good Schools Good Neighbourhood (World Vision Project – Ngunyumu Primary School in Korogocho Informal Settlement)

1.17: MENTORSHIP

PROFESSIONAL

- 2022 – Aurelia Bosibori
- 2019 – Patricia Baariu Karamuta. Landscape Architect (AAK). Reg. No. 3826
- 2019 – Emmanuel Mochama. Landscape Architect (AAK). Reg. No. 3191

1.18: STUDENT RESEARCH PROJECTS/THESIS SUPERVISION

UNDER-GRADUATE

2022 – Jomo Kenyatta University of Agriculture and Technology

- Emmanuel Kibet: *Impact of Human Activities on Riparian recreation. A Case of Nairobi River*

- Cynthis Murugi: *The Role of Urban Agriculture on Climate Change Action: A Case of Kangemi Informal Settlement.*
- Samuel Gicharu: *The Impact of Human Activities on Riparian Ecosystems in Suburban Areas. A Case of Athi-Galana River, Ruiru.*

2021 - Jomo Kenyatta University of Agriculture and Technology

- Georgina Kasamani: *The Impact of Landuse on Riparian Pollution: A Case of Nairobi River*
- Ruth Mwangangi: *The Role of Solid Waste on Urban Street Use: A Case of Mathare 4A.*

2020 – Jomo Kenyatta University of Agriculture and Technology

- Philip Gakunju. *Solid Waste Management at the Street level: The Case of Kware, Ongata Rongai*
- Sammy Mbaka. *The Third teacher: Integrating the Landscape in aiding delivery of the Competency Based Curriculum. A case of Moi Primary School, Thika*

2015

- Carol Tiriongo. *The role of outdoor space design in psychological rehabilitation of delinquents: A case of Kabete Rehabilitation School.*
- Syrone Owuor. *The role of landscape design in the conservation of urban waterfronts. The case of Homabay Town*

MASTERS

2022 – Jomo Kenyatta University of Agriculture and Technology

- Shaquille Mburu: *The Role of Environmental Quality on Crime in Urban Areas. A Case of Juja Town, Kiambu County.*

2.0: PROFESSIONAL ACTIVITIES AND OPERATIONAL EXPERIENCE

DATE	LOCATION	PROJECT	CLIENT	RESPONSIBILITY
<i>Landscape Architectural Projects</i>				
2022	Machakos County (Katani)	Residential Landscape	Mr. Saka	<ul style="list-style-type: none"> • Landscape planning • Landscape Concept development • Landscape design • Landscape implementation
	Machakos County (Ruai)	Residential Landscape	Dr. Muraguri	<ul style="list-style-type: none"> • Landscape planning • Landscape Concept development • Landscape design • Landscape implementation
	Lamu County	Lamu Jetty and Market	UN-Habitat and UNEP	<ul style="list-style-type: none"> • Communications Leader of the JKUAT Design team • Master Planning and Design of Landscape Components • Detailed Design and production of BoQs for Landscape Works
2021	Nairobi	Jacaranda gardens	NMS and UN-Habitat	<ul style="list-style-type: none"> • Team Leader of the JKUAT Design team • Master Planning and Design of Jacaranda gardens • Detailed Design and production of BoQs
2020	Nairobi	Events and Spoting Grounds	Kenya Institute of Special Education (KISE)	<ul style="list-style-type: none"> • Master planning of the Events and Recreation Grounds • Preparation of detailed Landscape Design and Costing • Supervision of Landscape Works
	Thika	Botanical garden	Westridge School	<ul style="list-style-type: none"> • Design of botanical garden • Supply and planting of trees for the botanical garden
2007 - Present	Nairobi, Kisumu, Meru and Nyeri Counties	Assorted residential landscapes	Private	<ul style="list-style-type: none"> • Landscape planning • Landscape Concept development • Landscape design • Landscape implementation
2019	Kisumu	Kisumu Port	Kenya Ports Authority	<ul style="list-style-type: none"> • Landscape Design of the Revitalized port
2016-2019	Nairobi	Psycho-	Kenya Institute of	<ul style="list-style-type: none"> • Landscape Master planning of the Psycho-Assessment and

DATE	LOCATION	PROJECT	CLIENT	RESPONSIBILITY
	(Kenya)	Assessment and Education Centre	Special Education (KISE)	Education Centre <ul style="list-style-type: none"> • Landscape Design and Cost engineering of the of the Psycho-Assessment and Education Centre • Landscape Supervision of the Psycho-Assessment and Education Centre
2015	Nairobi (Kenya)	Resource Centre	Kenya Institute of Special Education (KISE)	<ul style="list-style-type: none"> • Landscape Design of the Resource Centre • Landscape Supervision of the Resource Centre
	Juba (South Sudan)	Ministry of Telecommunications HQ	Ministry of Telecommunications (Government of South Sudan)	<ul style="list-style-type: none"> • Landscape planning • Landscape design and Costing • Landscape plants and materials procurement • Landscape supervision
2013	Sagana (Kenya)	Sagana Hotel	FEP	<ul style="list-style-type: none"> • Landscape Planning • Landscape design and detailing • Landscape supervision and cost engineering
2012	Juja (Kenya)	Botanical Garden	Jomo Kenyatta University of Agriculture and technology (JKUAT)	<ul style="list-style-type: none"> • Feasibility and Grant Proposal preparation for SAJOREC • Master planning of SAJOREC Botanical Garden • Site Analysis and Conceptual Design
2009 – 2011	Nairobi (Kenya)	Westwood Hotel (Westlands)	Dr. Githu Muigai	<ul style="list-style-type: none"> • Landscape Design • Landscape construction
2010 - 2011	Athi River (Kenya)	St. Franciscan Convent	St. Franciscan Sisters	<ul style="list-style-type: none"> • Landscape Design and Implementation
2009 - 2010	Meru	Gatimene Wedding and Conference Facility	Mr. And Mrs. Gikunda	<ul style="list-style-type: none"> • Landscape design of wedding grounds and conference facility. • Supervision of landscape construction
Environmental Impacts Assessment (EIA) Projects				
2020	Kajiado	Proposed Quarry	Envasses	<ul style="list-style-type: none"> • Conducting of Biodiversity Survey • Report compilation of the biodiversity survey
2020	Gilgil	Proposed farm		<ul style="list-style-type: none"> • Conducting of Biodiversity Survey • Report compilation of the biodiversity survey

DATE	LOCATION	PROJECT	CLIENT	RESPONSIBILITY
2019	Kisumu	Kisumu Port Revitalization	Kenya Ports Authority	<ul style="list-style-type: none"> • Conducting of Biodiversity Survey • Report compilation of the biodiversity survey • Report review
2019	Vihiga	Vihiga County Roads Upgrading	Vihiga County	<ul style="list-style-type: none"> • Conducting of EIA for selected Vihiga County roads projects under the funding of the World Bank.
2017	Kamburu	Solar Farm	KenGen	<ul style="list-style-type: none"> • Conducting of Biodiversity Survey • Report compilation of the biodiversity survey • Report review
2015	Nairobi	Tuition Block	Multimedia University.	<ul style="list-style-type: none"> • Scoping and Screening • Report Preparation

3.0: REFEREES

To be provided on request

4.0: CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this biodata correctly describes myself, my qualification, and my experience.

A handwritten signature in dark ink, appearing to read 'A. B. Singh'.

Signed

Date **01st August 202**