

## ACADEMIC STAFF



### 1.1 PERSONAL PROFILE

#### 1.1.1. PERSONAL DETAILS

<b>Name</b>	Dr. Mary Wairimu Maina
<b>Department</b>	Architecture and Interior and Design
<b>Designation</b>	Lecturer
<b>Email</b>	<a href="mailto:Maina.wairimu@ku.ac.ke">Maina.wairimu@ku.ac.ke</a>
<b>Area of specialization</b>	Sustainable design Interior Architecture
<b>Research interests</b>	Sustainable development Water provision Design education
<b>Google scholar</b>	<a href="https://scholar.google.com/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=Mary+Wairimu+Maina&amp;btnG=">https://scholar.google.com/scholar?hl=en&amp;as_sdt=0%2C5&amp;q=Mary+Wairimu+Maina&amp;btnG=</a>
<b>ORCID ID</b>	<a href="https://orcid.org/0000-0001-9390-0291">https://orcid.org/0000-0001-9390-0291</a>

<b>1.1.2 Academic and professional qualifications</b>	Doctorate in Design	Cape Peninsula University of Technology
	2017	
	MTech in Design	Cape Peninsula University of Technology
	2011	
	BTech in Interior Design	Cape Peninsula University of Technology
	2008	
	Diploma in Interior Design	TAFE Western Australia
	2002	

<b>1.1.3 Employment history</b>	Lecturer (Cape Peninsula University of Technology, Cape Town)
	January – December 2011
	Lectures (1st year Architectural technology and interior design department). Facilitating in construction and technical drawing. This

culminated in an audit of the review framework which was evaluated and updated.

Research Assistant (Decision Analysis, USA)

March - June 2012

Collating of empirical data in Cape Town toward digital inclusion within marginalized settlements in the Cape Flats. This included holding workshops to ascertain best practices and a model approach to a wider digital footprint.

Project evaluation in marginalised settings of Nairobi and Kiambu counties for Athi Water Services Board (AWSB), Nairobi Kenya

December 2014 – May 2015.

Field visits in Gatwanyaga, Huruma, Gikomba Market and Limuru for collection of data including interviews, observations and field-notes. All data was presented as reports using thematic analysis and grounded theory. The evaluation was of public facilities offering water and sanitation services to marginalised groups within these settings.

Lecturer (Technical University of Kenya, Nairobi Kenya)

January 2016 – December 2016

Studio lecturer (4<sup>th</sup> Year Bsc. Architecture).

Facilitating in sustainable architecture design from concept to design development stage.

Sociologist in Sanitation project in Kiambu County: Ruiru and Juja SubCounties (ISEP) Nairobi Kenya

February 2017 – to July 2017

Design and development of data collection tools for social activities related to processes of water reinstatement for affected communities in the project.

#### **1.1.4 Achievements**

### **1.2. PUBLICATIONS**

#### **1.2.1 Referred journals**

Maina, W. van Graan, A. 2017. Identifying path-breaking transitions for Kenya's marginalised

communities in water and sanitation provision, **Journal of Engineering, Design and Technology**, vol 15, issue 5.

**1.2.7 Reviewed conference papers**

Maina, W. M. and Ayeni, O. (2013). Advocating ecological stewardship through community engagement. The fifth international conference on science and society, Copernicus Science Centre, Warsaw, Poland.

Maina, W. M. and Bergevoet, Y. (2010). Social innovation through co-design: A case study of South Africa. A paper presentation at the 2010 Cumulus conference, Tongji University Shanghai, China

**1.2.1 Other publications 3**

Human experiences affecting governance in energy-efficient buildings in Cape Town's central business district. A Master's thesis in the Cape Peninsula University of Technology, Cape Town, South Africa.

*'The right to the city'* for marginalised communities through water and sanitation service projects. A Doctoral thesis in the Cape Peninsula University of Technology, Cape Town, South Africa.

**1.2.1 Scholarly presentations at conference/workshops 5**

Mutura, P. and Maina, M.W. (2019). A paper presentation at the 2019 LeNs Conference, Shrishti University, Bangalore, India.

Maina, W. M. A paper presentation at the fifth international conference on science and society, Copernicus Science Centre, Warsaw, Poland: November, 2013. Advocating ecological stewardship through community engagement.

**1.4.5 Membership to acad./prof. bodies**

IDAK (Interior Designers Association of Kenya)

**1.4.6 Any other (editorship/Peer review/ External examiner etc.**

Peer reviewer for Journal of Engineering, Design and Technology.

**1.5 ADMINISTRATIVE AND RESPONSIBILITIES**

**1.5.1 Recognized university administrative positions**

Exam coordinator

**1.5.2 Other responsibilities in the university**

Post graduate committee (Chairperson)  
Examiners Committee (Chairman)  
Vetting Board (Chairperson)

**1.7 REFEREES**

Prof. Andre Van Graan  
Faculty of Informatics and Design  
Cape Peninsula University of Technology

Prof. Mugendi K. M'Rithaa  
*Transdisciplinary Industrial Designer/Educator/Researcher*