

Personal Details

Name: Siphila Wanjiku Mumanya
Nationality: Kenyan
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Education Background

1970: Certificate of Primary Education
1974: Certificate of Secondary Education (Ordinary Level)-1st Division
1976: Advanced ('A') Level Certificate of Education- 3 principal passes, 1 Subsidiary
1980: BSc. Civil Eng. (Hons), University of Nairobi
1990: MSc. Civil Eng. Structures, City University, London
2007: PhD. University of Cape Town

Professional Qualifications

1998: Member of Institution of Engineers of Kenya (IEK)
Registered by Engineers Board of Kenya (EBK)
2000: Registered Consulting Engineer by Engineers Board of Kenya (EBK)

Employment Record:

July 2024 to date: Dean, Faculty of Engineering
May 2023 to June 2024: Associate Professor, Department of Civil and Construction Engineering, University of Nairobi
April 2010- 2023: Senior Lecturer, Department of Civil and Construction Engineering, University of Nairobi
March 1999: Lecturer, Department of Civil and Construction Engineering, University of Nairobi
1996 -1998 Project Manager, SmithKline Beecham
1984-1985: Assistant Structural Engineer, Ministry of Public Works and Housing. Responsibilities included Civil and Structural Engineering design, detailing and supervision of Public and privately owned properties.
1980-1983: Graduate Engineer training at the East African Engineering consultants, an international firm of engineers and surveyors.

Management Courses Attended

1989: Project Development and Management course No. 35/89 at Kenya Institute of Administration (KIA)
1992: (i) Personnel Accounting and Supplies Management; and (ii) Administration, and Resource Management

1993: Course for Senior Women Managers
1995: Course on (i) “Women in Management” and (ii) Senior Management course at KIA

Professional Workshops and Seminars Attended

1993: Seminar on Timber Engineering organized by Ministry of Public Works
1994: (i) Professional Engineers training
(ii) Attended the First African Region Conference on Non-Destructive Testing (NDT) in Nairobi, Kenya

Appointments and Membership in Technical and Social Committees

2022-2024: Chair, Faculty Research Committee
September 2015 to 2021: CAE Representative at Committee of Student Mentorship Programme (SMP)
November 2014 to 2017: Chairman, Department of Civil and Construction Engineering, University of Nairobi
2015 to 2021: CAE Representative at the Board of Centre for Self Sponsored Programmes (CESSP)
2011-2014: Chairman of Board of Directors, Kenya Industrial Research and Development Institute (KIRDI)
2010: Member, University of Nairobi Disability Mainstreaming Committee
2009 to date: Chairperson, Forum for Women Engineers and Girl Scientists in Africa (Forum WEGSA) – Kenya Chapter
2009-2012: Chairperson, Steel Technical Committee, Kenya Bureau of Standards

Summary

Prof. Eng. Siphila Wanjiku Mumanya is an Associate Professor at the Department of Civil and Construction Engineering, University of Nairobi, Kenya. She holds a PhD in Engineering from the University of Cape Town, South Africa, MSc in Structural Engineering from City University, London, and BSc Civil Engineering (Hons) from The University of Nairobi.

Prof. Mumanya has been a supervisor and external examiner for several PhD and MSc students from different academic institutions. She has been the main author, as well as a co-author of scholarly books; articles in peer-reviewed journals; refereed learning modules; reviewed conference papers; University approved consultancies; refereed exhibitions, and policy documents.

Prof. Mumanya has been a mentor to several female engineering students and graduates, and has been instrumental in overseeing the significant increase in female students taking up careers in engineering and science nationally and internationally.

Prof. Mumanya’s key research and collaboration experience includes being the coordinator of cementitious materials research at the University of Nairobi. At international level, she is the link person for post-graduate research collaboration with “The Concrete Materials & Structural Integrity Research Unit (CoMSIRU)” based at the University of Cape Town, South Africa. Prof.

Mumenya is a Principle Investigator (PI) and Co-PI in a number of projects funded by National Research Fund (NRF) in Kenya, among several other Industry-based research initiatives.

Prof. Mumenya is a Registered Consulting Engineer with Engineers Board of Kenya (EBK), and a Corporate member of the Institution of Engineers of Kenya (IEK). She has served in several boards, namely: Council Member of the Association of Consulting Engineers of Kenya (ACEK), and Editor in chief of “The Consulting Engineer” magazine, Joint Building and Construction Council (JBCC) where she represented ACEK and chaired the Research, training, and advocacy committee from 2022 to 2023. Prof. Mumenya has previously served as the Chairperson of Board of Directors of Kenya Industrial Research and Development Institute (KIRDI), a Kenya Government parastatal organization in charge of Industry research and development.

Referees

1. Prof. Ayub. N. Gitau (Tel. 0722 878029)
Ag. DVC (AA),
University of Nairobi
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NAIROBI
2. Prof. Patts Odira (0722 849191)
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Prof. Eng. Siphila Wanjiku Mumenya



Date:

27/01/2025