



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: DR SAMSON OKOTH AYUGI

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| Faculty: | ENGINEERING AND THE BUILT ENVIRONMENT |
| School: | Surveying and Geospatial Science |
| Department: | GEOINFORMATION AND EARTH OBSERVATION |
| Current Designation: | Senior Lecturer, SCHOOL OF SURVEYING AND GEOSPATIAL SCIENCES (SSGS) |
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| Consultation Hours: | 8AM-5PM MON - FRI |



EDUCATION

| LEVEL | QUALIFICATION NAME | INSTITUTION | YEAR |
|----------------------------|--|--|------|
| Doctor of Philosophy (PhD) | GEOGRAPHICAL INFORMATION SYSTEMS | UNIVERSITY OF LONDON, UNIVERSITY COLLEGE LONDON(United Kingdom) | 2008 |
| Masters of Science (M.Sc.) | INTERGRATED MAP AND GEO-INFORMATION PRODUCTION | International Institute for Aerospace Survey & earth Sciences(The Netherlands) | 1992 |
| Bachelor of Science (BSc) | SURVEYING AND PHOTOGRAMMETRY | UNIVERSITY OF NAIROBI(Kenya) | 1983 |
| Postgraduate Diploma | PRODUCTION PHOTOGRAMMETRY | INTERNATIONAL INSTITUTE FOR AEROSPACE SURVEY & EARTH SCIENCES(The Netherlands) | 1991 |
| Certificate | PHOTOGRAMMETRY | GEOGRAPHICAL SURVEY INSTITUTE(Japan) | 1997 |
| A Level/Equivalent | EAST AFRICAN ADVANCED CERTIFICATE OF EDUCATION | LENANA SCHOOL(Kenya) | 1978 |
| O level/Equivalent | EAST AFRICAN CERTIFICATE OF EDUCATION | LENANA SCHOOL(Kenya) | 1976 |

WORK EXPERIENCE

| PERIOD | INSTITUTION | POSITION |
|-------------|--|---------------|
| 1995 - 2002 | KENYA INSTITUTE OF SURVEYING AND MAPPING | LECTURER |
| 1983 - 1995 | SURVEY OF KENYA | LAND SURVEYOR |

SELECTED PUBLICATIONS

| TITLE | LINK TO PUBLICATION | YEAR |
|---|-----------------------------|------|
| Analysing the Impact of Social Tenure Domain Model (STDM) on Tenure Security in an Informal Settlement | View online | |
| Training on Land Information Management Systems for Sustainable Development in Africa | View online | |
| Use of Logistic Regression analysis to Determine Significant Factors that affect Contraceptive use among teenagers in Yala and Luanda Towns, in Kenya | View online | |
| Modeling and Visualization of Irrigation Potential | View online | |
| OBIA-based Monitoring of Riparian Vegetation Applied to the Identification of Degraded Acacia Xanthophloea along Lake Nakuru, Kenya | View online | |
| Formalization of Mining Rights in the East African Community; Cadastre perspective on artisanal mining rights. | View online | |
| 3D Cadastral Modelling for Registration of Sectional Rights, Tax Collection and Integration into the National Land Information Management System in Kenya | View online | |
| Detection of Degraded Acacia tree species using deep neural networks on uav drone imagery | View online | |
| - | View online | |

PROFESSIONAL AFFILIATIONS AND SOCIETIES

| TITLE | INSTITUTION |
|------------------|-------------------------------------|
| ASSOCIATE MEMBER | THE INSTITUTE OF SURVEYORS OF KENYA |