



# THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: [vc@tukenya.ac.ke](mailto:vc@tukenya.ac.ke), Website: [www.tukenya.ac.ke](http://www.tukenya.ac.ke)

NAME: MR JEREMIAH OMAE OMEKE

|                      |  |
|----------------------|--|
| Faculty:             | ENGINEERING AND THE BUILT ENVIRONMENT  |
| School:              | Surveying and Geospatial Science   |
| Department:          | GEOGRAPHY AND SPATIAL SCIENCE  |
| Current Designation: | Tutorial Fellow, SURVEYING SCIENCE AND TECHNOLOGY                            |
| Office Telephone:    | +254(020) 2219929, 3341639, 3343672  |
| Official Email:      | <a href="mailto:jeremiahomeke@tukenya.ac.ke">jeremiahomeke@tukenya.ac.ke</a> |
| Consultation Hours:  | 8AM-5PM MON - FRI  |



## EDUCATION

| LEVEL                           | QUALIFICATION NAME                       | INSTITUTION  | YEAR     |
|---------------------------------|--|--|----------|
| Masters of Science (M.Sc.)      | GEOGRAPHIC INFORMATION SYSTEMS           | UNIVERSITY OF NAIROBI(Kenya)                             | 2020     |
| Bachelor of Engineering (B.Eng) | GEOSPATIAL ENGINEERING                   | THE TECHNICAL UNIVERSITY OF KENYA(Kenya)                 | 2015     |
| Certificate                     | HEALTH EDUCATION                         | THE VOICE OF PROPHECY BIBLE CORRESPONDENCE SCHOOL(Kenya) | DEC 2017 |
| O level/Equivalent              | KENYA CERTIFICATE OF SECONDARY EDUCATION | MOI GESUSU HIGH SCHOOL(Kenya)                            | 2008     |

## WORK EXPERIENCE

| PERIOD                  | INSTITUTION  | POSITION           |
|-------------------------|--|--------------------|
| 23/02/2022 - To Date    | Technical University of Kenya                      | Tutorial Fellow    |
| 06/08/2015 - 31/12/2015 | Geosurv Systems Limited                            | Intern             |
| 09/05/2015 - 31/07/2015 | Geosurv Systems Limited                            | Attachee           |
| 6/5/2017 - 30/08/2018   | Kenya Institute of Highway and Building Technology | Part-Time Lecturer |
| 09/08/2018 - 23/02/2022 | Technical University of Kenya                      | Graduate Assitant  |
| 01/01/2017 - 05/05/2017 | Lenda Construction Company Limited                 | Road Surveyor      |
| 03/05/2016 - 01/12/2016 | Geosurv Systems Limited                            | Land Surveyor      |

#### GENERAL STATEMENT ON RESEARCH AREAS

The study discusses examining the Parcels digitized from RIMs compared with the Parcels derived from the UAV Ortho-rectified images of the same area. Nyansiongo Settlement Scheme has been used as an example to determine the possible variations that exist between the two different techniques of the survey. A shift was identified when the two sets of data were overlaid.

#### CURRENT RESEARCH PROJECTS

|  |           |
|--|-----------|
| Comparison of UAV Mapping of Settlement Scheme with PIDs/RIMs A Case study of Nyansiongo Settlement Scheme | Surveying |
| t  | t         |

#### SELECTED PUBLICATIONS

| TITLE  | LINK TO PUBLICATION         | YEAR |
|--|-----------------------------|------|
| Comparison of UAV Mapping of Settlement Scheme with PIDs/RIMs A Case study of Nyansiongo Settlement Scheme | <a href="#">View online</a> |      |