



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	ENGINEERING AND THE BUILT ENVIRONMENT
School:	Surveying and Geospatial Science
Department:	GEOINFORMATION AND EARTH OBSERVATION
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EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	SATELLITE APPLICATIONS WITH DATA SCIENCE	UNIVERSITY OF STRATHCLYDE(United Kingdom)	2020
Bachelor of Engineering (B.Eng)	GEOSPATIAL ENGINEERING	THE TECHNICAL UNIVERSITY OF KENYA(Kenya)	2017
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	SAWAGONGO HIGH SCHOOL(Kenya)	2010

CURRENT RESEARCH PROJECTS

BigData Kenya Hackathon	Artificial Intelligence
TUKSAT-Nanosatellite Mission for Vessel Tracking and Rescue Operations in Lake Victoria	Satellite Engineering

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
O. B. Osoro and E. J. Oughton, "A Techno-Economic Framework for Satellite Networks Applied to Low Earth Orbit Constellations: Assessing Starlink, OneWeb and Kuiper," in IEEE Access, vol. 9, pp. 141611-141625, 2021, doi: 10.1109/ACCESS.2021.3119634.	https://ieeexplore.ieee.org/document/9568932
Kulvinder, D., Bichang'a, B., Wafula, M., Meli, E., Osoro, B., Ndritu, S., ... & Baki, P. (2020). Astrotourism in The Mara. African Journals Online (AJOL), 23(1).	https://www.capjournal.org/issues/27/27_20.pdf