



THE TECHNICAL UNIVERSITY OF KENYA

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Faculty:	Social Sciences and Technology
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EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Engineering (Dr-Ing)	URBAN AND RURAL PLANNING	BEIJING UNIVERSITY OF TECHNOLOGY(China)	2024
Masters of Arts (MA)	SOCIOLOGY	UNIVERSITY OF NAIROBI(Kenya)	2017
Bachelor of Science (BSc)	Disaster Management and International Diplomacy	Masinde Muliro University of Science and Technology(Kenya)	2012

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
November 2014 - December 2017	The Technical University of Kenya	Graduate Assistant
December 2017 - Current	The Technical University of Kenya	Tutorial Fellow
29/05/2012 - 23/11/2015	KCB Bank Group- KCB Group Headquarters	Customer Experience Consultant

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Odongo, J.O. & Donghui, M. (2021). Infrastructure Dynamics of Urban Human Agglomeration in Nairobi, Kenya. IOSR Journal of Humanities and Social Science (IOSR-JHSS) Volume 26, Issue 1, Series 7 (January. 2021) 01-12. e-ISSN: 2279-0837, p-ISSN: 2279-0845.	View online	2021
Munene, M.B, Odongo, J. O. and Nyambane, A. (2019) Energy Efficiency in Kenya: Public Awareness, Strategies, Challenges and Opportunities, Odongo, Rabat, Morocco: Heinrich Boll Stiftung.	View online	2019
Odongo, J.O. (2018) Of Man-Eating Landlords and Non-Functioning Regulatory Frameworks. Nairobi: The Standard Newspaper.	View online	2018
Odongo, J.O. (2018) Achieving Information Safety in A Disaster Environment: The Way Forward for Africa. Regional Journal of Information and Knowledge Management, 3 (1),15-29.	View online	2018
Odongo, J.O. (2017) Social Impacts of Gulley Erosion in Kenya: A Study of Kisumu West Constituency, Nairobi, Kenya: University of Nairobi.	View online	2017
Fei Z, Guo X, Odongo JO, Ma D, Ren Y, Wu J, Wang W, Zhu J. A. (2023). Seismic Fragility Assessment Method for Urban Function Spatial Units: A Case Study of Xuzhou City. Sustainability; 15(10):8022. https://doi.org/10.3390/su15108022 .	View online	2023
Odongo, J. and Ma, D. (2021) Perspectives in Urban Planning Research: Methods and Tools. Current Urban Studies, 9, 759-778. DOI: https://doi.org/10.4236/cus.2021.94045 .	View online	2021
Nyandiko, N., Kimokoti, S., Odongo, J. and Ma, D. (2022). Harmonizing Disaster Risk Reduction and Climate Change Adaptation Frameworks for Risk Informed Development Planning in Sub-Saharan Africa: The Case of Uganda and Malawi. Journal of Sustainable Development; Vol. 15, No. 5; 2022. DOI: https://doi.org/10.5539/jsd.v15n5p22 .	View online	2022
Odongo, J. O. (2020) The Theory of Social Clustering and the Reorganization of Human Society. EPH - International Journal of Humanities and Social Science (ISSN: 2208-2174), 4(3), 47-56.	View online	2020
Modelling citizen participation in apathetic urban communities: suggestions based on Nairobi's urban solid waste related flood risk management practices	View online	2024
Urban Informality and Its Impacts on Sustainable Urbanism: A Review Using Selected Indicators in Kayole Informal Settlement in Nairobi.	View online	2024

POSTGRADUATE STUDENTS SUPERVISION

NAME	PROJECT TITLE	PERIOD
Musa C. Galdayan	Impact of Inter-Ethnic Conflicts Among Pastoralist Communities of Kenya: A Case Study of Rendille and Borana Conflict (2007 - 2017)	Sept. 2017- May 2018

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Crisis and Emergency Management	At the end of this course unit, the learner should be able to: 1. Define the basic concepts used in the course 2. Identify crises based on the basic crisis identification matrix that will be taught in the course. 3. Undertake Situational Rapid Assessment for any crisis and write SRA reports. 4. Management crisis scenarios based on the crisis management principles that will be taught in this course. 5. Recognize the importance of preparing contingency plans, emergency response plans and...	January 2015 - TO-DATE
IDP and Refugees Management	Refugee camps and shelters; planning; site selection. Camp layout and services; shelter storage facilities and services. Practice in camp establishment. Displaced Person Camps: Criteria for site selection social needs, water, open space, accessibility, environmental considerations, soil and ground cover, land rights. Initial health assessment, mortality rate, and morbidity rate; Displaced person health care, Food & Nutrition; Non-food distribution - blankets, cooking utensils, sleeping mats.....	January 2015 - TO-DATE
DISASTER PREPAREDNESS, PLANNING AND RESPONSE	Preparedness planning: Introduction: what is disaster preparedness, the role of disaster preparedness, theoretical perspectives in disaster preparedness, Disaster preparedness components: fire fighters, police, ambulance, media, disaster relief operations (DRO), Communication plans, proper maintenance of emergency services and training, including mass human resources, community response teams, development and exercise of emergency, population warning methods, emergency shelters and evacuation...	May 2015 - TO-DATE
Procurement in Disaster Management	Introduction, definitions of procurement, purchase, storage, supply, Supply chain, strategic sourcing, material and demand planning, competencies Of the P.O, customer relationships, negotiation, supplier risk management,, capital equipment purchasing, cost price analysis, global procurement best practice, the role of procurement in disaster continuum (Discussion)	January 2015 - TO-DATE
Introduction to Disaster Management	Purpose To expose learners to the basic concepts and functions in disaster management Expected Learning Outcomes By the end of the units the learners should have the ability to: 1. Define the various concepts used in Disaster Management 2. Describe different types of disasters, their trends and consequences on populations; 3. Describe the disaster cycle of mitigation, preparedness, response and reconstruction; 4. Discuss the factors the influence risks to a population from a hazard...	September 2015 - TO-DATE
Conflict Management in Africa	Introduction: The Perception of Conflicts and Conflict Management in Africa, Sources and Causes of Conflicts in Africa: (Taxonomy of Causes of conflicts in Africa), Case study of specific conflicts in Africa, Approaches to conflict management: African Traditional Conflict Management techniques, Third Party Intervention: Mediation, Negotiation, Arbitration, Conflict Transformation: Peace Making, Peace Keeping, Disarmament and Arms Control, Culture, Identity and conflict Management	September 2015 - TO-DATE
Climatological Aspects in Disaster	General circulation of the atmosphere: meridional and zonal circulation, seasonal and inter-seasonal winds, types of climatic hazards in Eastern and Central Africa; effects of climate stress on specific hazards: natural hazards, relationship between human-made disasters and climate related disasters, floods, droughts, tropical cyclones, heat waves, severe storms; climate needs in disaster management continuum; early warning systems, role of climate and needs in Eastern and Central Africa...	January 2015 - TO-DATE
Introdcion to Conflict Management	The concept of conflict, Introduction to conflict management, difference between conflict and war, Theories of Conflict analysis, causes of conflict, nature and nurture debate, biological theories of conflict, inherent and contingent theories of conflict, psychological theories, the frustration aggression theory, socio-biology, ethological approaches, theory of relative deprivation, groups, history and conflict, resources competition, conflicts and disputes, internationalization of conflict....	September 2015 - TO-DATE
FUNDAMENTALS OF DIPLOMACY	The Purpose of the course The aim of the course is to introduce learners to the concept of Diplomacy and its role in the conduct of relations between and among states and the various organs of diplomacy. Learning outcome By the end of the course the learners should be able to • Understand the concept of Diplomacy and its role in international relations • Explain the evolution of Diplomacy from antiquity to the modern era • Analyze the various forms and functions of Diplomacy...	September 2015 - TO-DATE