

ACADEMIC STAFF PROFESSIONAL PROFILE FORM



1. Personal Data

Name: Wesley Kipkemoi Kirui
Title/Qualifications: Dr.
Department/Unit/Section: Civil Engineering
Contact Address: Box 1286
Position: Lecturer
Area of Specialization: Soil, Water and Environmental Engineering
Research Interests: Wastewater, Soil degradation, Climate change effect

2. Conference Presentations

S/No	Presenter	Title of Paper presented	City/Country	Date of Conference	Funding (US\$)
1	KIRUI	Nitrobenzene Degradation Pathways and their Interaction with Sulphur and Nitrogen Transformations in Horizontal Subsurface Flow Constructed Wetlands	CHINA	October 2014	
2	KIRUI	Simulation of Catchment Hydrologic Response under Changing Land Use: Case of upper Molo Catchment Kenya	Kenya	September 2010	
3	Kirui	Analysis of catchment hydrologic	Kenya	September 2009	

		response under Changing land use: the case of upper Molo river Catchment, Kenya			
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3. Research

S/ No	Researcher	Year	Title	Donor	Funding (US\$)

4. Funded projects

S/ No	Researcher	Year	Title	Granting Body	Funding (US\$)

5. Publications

S/No.	Author	Year	Title	Journal	ISBN/ISSN Reference No.
1	Kirui et al.,	2016	Pathways of Nitrobenzene Degradation in Horizontal Subsurface Flow Constructed Wetlands: Effect of Intermittent Aeration and Glucose Addition	Journal of Environmental Management	0301-4797
1	Kirui et al.,	2015	Nitrobenzene Degradation Pathways and their Interaction with Sulphur and Nitrogen	Ecological Engineering	0925-8574

			Transformations in Horizontal Subsurface Flow Constructed Wetlands		
2	Kizito et al.,	2014	Evaluation of slow Pyrolyzed Wood and Rice Husks Biochar for Adsorption of Ammonium Nitrogen from Piggery Manure Anaerobic Digestate Slurry	Science of the Total Environment,	0048-9697
3	Shubiao et al.,	2015	Treatment of Industrial Effluents in Constructed Wetlands: Challenges, Operational Strategies and Overall Performance	Environmental Pollution	0269-7491
4	Hanifa et al.,	2015	Climate Change Impacts on Fishing in Coastal Rural Tanzania	Journal of Environment and Earth Science	2225-0948
5	Loua et al.,	2015	Optimal Irrigation Scheduling for Summer Maize Crop: Based on GIS and CROPWAT Application in Hetao District; Inner Mongolia Autonomous Region, China	Journal of Biological Agriculture and Healthcare	2224-3208
6	Kirui and Mutua	2014	Simulation of Catchment Hydrologic	European International Journal of	

			Response under Changing Land Use: Case of upper Molo Catchment Kenya	Applied Science and Technology,	
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6. Consultancy and community service

S/No.	Consultant (s)	Consulting Person/ Body/ Organization	Year	Title Consultancy Service	Payment (US\$)

7. Affiliation to Professional Bodies

S/No	Name of professional body
	Engineer's Registration Board
	Kenya Society of Agricultural Engineers (KSAE)

8. National and International awards and Recognitions

S/No	Name of award or Recognition	Awarding Organization/Body	Year

9. External Examination (if any)

S/No	Institution	Year

10. Supervision of postgraduate students (if any)

S/No	Name of student	Thesis title	Status of project(e.g.Fiest year etc)

11. Patents (if any)

S/No	

12. Administrative positions held to date