



Dr Olwoch is 'n Senior Lektor in die Departement Geografie, Geoinformatika en Meteorologie in die Fakulteit Natuur- en Landbouwetenskappe. Sy is 'n deskundige op die gebied van die impak van klimaatverandering. Haar navorsingsgebied, die impak van klimaatverandering op die vektore van siektes, en siektes wat deur vektore versprei word, in Afrika suid van die Sahara, is van grondliggende belang vir die bestuur van die gevoelige maatskaplike, ekonomiese en fisiese omgewings waarmee ons tans te kampe het as gevolg van menslike en natuurlike faktore. Werk wat uit dié navorsing voortgespruit het, is in portuur-beoordeelde vaktydskrifte gepubliseer en by verskeie konferensies en werksinkels aangebied.

Dr Olwoch is 'n leidende outeur van Hoofstuk 11, (wat handel oor menslike gesondheid), in die Fifth Assessment Report van die internasionale Interregeringspaneel vir Klimaatverandering (IPCC). Sy is medeondersoeker in 'n FP7-projek van die Europese Kommissie: Quantifying Weather and Climate Impacts on Health in Developing Countries – met die klem op die oordrag van malaria in Suider-Afrika.

Deur volgehoue bemerking en die instelling van modules van hoë gehalte en 'n mentorstelsel, het sy 'n betekenisvolle bydrae gemaak om te verseker dat graduandi van uitstaande kaliber in omgewingswetenskap gelewer word. In die afgelope vyf jaar was sy studieleier vir 20 meestersgraadstudente in die Sentrum vir Omgewingstudies en etlike honneursstudente in die Departement Geografie, Geoinformatika en Meteorologie. Dr Olwoch het 'n C2-gradering van die NNS.

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Dr Olwoch is a Senior Lecturer and a climate-change impacts expert in the Department of Geography, Geoinformatics and Meteorology in the Faculty of Natural and Agricultural Sciences. Her research area, impacts of climate change on vectors and vector-borne diseases in sub-Saharan Africa, is of fundamental importance in the current fragile social, economic and physical environments resulting from both human and natural factors. Work from this research has been published in peer-reviewed journals and presented at several conferences and workshops.

Dr Olwoch is a lead author of Chapter 11 (Human Health) of the Fifth Assessment Report (in preparation) of the Intergovernmental Panel on Climate Change (IPCC). She is a co-investigator in a European Commission, Seventh Framework Project (FP7): Quantifying Weather and Climate Impacts on Health in Developing Countries – with an emphasis on malaria transmission in Southern Africa.

She has made a significant contribution to the quality of Environmental Science graduates through sustained marketing and the introduction of quality modules and mentoring. In the last five years she has supervised more than 20 master's students in the Centre for Environmental Studies, and several honours students in the Department of Geography, Geoinformatics and Meteorology. Dr Olwoch received a C2-rating from the NRF.

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Dr Olwoch ke mofahlošimogolo ebile ke Setsebi sa Dikhuetšo tša Phetogo ya Klaemete ka Kgorong ya Thutafase, Thutatseomathiki le Thutaboso ka Lefapheng la Thutamahlale a Tlhago le Temo. Legoro la gagwe la dinyakišišio ke Dikhuetšo tša Phetogo ya Klaemete godimo ga Dirwalamalwetši le malwetši a go tlišwa ke tšona Dirwalamalwetši mo karolwaneng ya Sahara ya Afrika le bohlokwa ka fase ga maemo a bjale a fisikale le a ekonomi le leago ao a kago senyega ka lebaka la bobedi, mabaka a tlhago le a go bakwa ke batho. Mošomo go tšwa nyakišišong ye o phatlaladitšwe ka gare ga ditšenale tša go sekwasekwa ke ba mphato wa gagwe ebile o begilwe dikhonferentsheng le diwekešopong tše mmalwa.

Dr Olwoch ke mongwadi wa ketapele wa Kgaolo 11, Maphelo a Batho a Phanele ya Mohlakanelwa ya Mebušo ka Pegong ya Kelo ya Bohlano Ya Diphetogo tša Klaemete (IPCC). Ke monyakišišimogo mo go Protšeke ya FP7 ya Khomišene ya Yuropa: Kelo ya Boso le Dikhuetšo tša Klaemete go Maphelo ka Dinageng tšeo di Hlabologago ka go gatelela phetetšo ya malaria ka Borwa bja Afrika.

O dirile mošomo o mogolo go boleng bja dialoga tša Thutamahlalea Tikologo ka bokwalakwatši le tsebišo ya dimotšule tša boleng le boeletši. Mo mengwageng ya go feta e mehlano o okametše baithuti ba go feta ba 20 ba tikrii ya mastase ka Senthareng ya Dithuto tša Tikologo le baithuti ba mmalwa ba tikrii ya honase ka Kgorong ya Thutafase, GIS le Thutaboso. Dr Olwoch o fihleletše maemo a C2 go tšwa go NRF.