Kenya Forestry Research Institute,

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**Nellie Oduor**

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**Education**

02/1992 – 03/1994 **University of Melbourne, Australia**

Msc. Wood Science

05/1987 – 05/1990 **Moi University, Eldoret, Kenya**

B.Sc. Wood Science and Technology

**Professional Experience**

08/1990 – present **The Kenya Forestry Research Institute**

The National Forest Products Research Programme,

Working as research scientist and currently the National Programme Director (February 2019)

**Expertise/Specialization**

* My work experience is largely within forests products research with emphasis on promoting sustainable biomass energy, bamboo utilisation, and wood treatment/protection

### Am currently also holding the position of the National Project Coordinator (Kenya) for the Dutch-Sino-East Africa Bamboo Development Programme. This is a 3 year programme that started in December 2016

* I was part of a research team between researchers from KEFRI and the Forestry Research Center of Ethiopia working on a bamboo project. The project “Increasing Utilization of the Two Indigenous Bamboo Species: Study on Development of Appropriate Technologies for Treating Culms and Testing Effectiveness of treatments Against Subterranean Termites and Fungi in Ethiopia and Kenya (2007-2012)” was funded by AFORNET – The African Forestry Network.
* I was also part of a multi-disciplinary team (ISAAA, JKUAT, KEFRI & TBPT) working on a project funded by the National Council of Science and Technology (NCST) on Regeneration of Bamboo to Diversify the Food-base and Help Stem the Tide of Deforestation in Kenya (2010 -2013)
* I have been part of the team promoting bamboo domestication and value addition through capacity building of entrepreneurs on bamboo products through the KEFRI Karura Programme; To date we have reached out to over 2000 farmers and artisans trained
* The KEFRI Karura programme has been developing technologies in product making from bamboo. These include furniture, handicrafts, floor parquets and laminated trusses from bamboo among others
* I have experience in project implementation
* I have experience in dissemination of technologies with communities and in print media
* I am an Environmental Impact Assessment Expert

**Selected Publications and Conference presentations on bamboo**

1. **Oduor N.,** E. Kitheka, N. Nyamai, J. Kimwemwe and K. Juma. (2019). Quality analysis of charcoal from various species of bamboo converted using improved carbonization technologies in Kenya. A paper presented at the IUFRO Congress 2019 in Curitiba, Brazil; 29th Septemebr – 5th Ocotber 2019.
2. **Oduor N.**, J. Musyoki, J. Maua, J. Wainaina, J. Mwanzia, G. Sigu, P. Ongugo, M. Muga, and M. Gitonga (2018). Status of Bamboo Development in Kenya. A paper presented at the 5th KEFRI Scientific Conference held at KEFRI Hqs; 17th – 19th April 2018.
3. Kalyan Gauli, Jayaraman Durai and **Nellie Oduor** (2018). Value Chain Analysis and Market Assessment of Bamboo Products in Kenya. Printed by INBAR, Beijing, China. Pp72
4. Yuanyuan Zhao, Duole Feng, Durai Jayaraman, Daniel Belay, Heiru Sebrala, John Ngugi, Eunice Maina, Rose Akombo, John Otuoma, Joseph Mutyaba, Sam Kissa, Shuhua Qi, Fiker Assefa, **Nellie Mugure Oduor**, Andrew Kalema Ndawula, Yanxia Li, Peng Gong. (2017). Bamboo mapping of Ethiopia, Kenya and Uganda for the year 2016 using multi-temporal Landsat imagery. International Journal Applied Earth Observation and Geoinformation. Volume 66, April 2018, Pages 116-125. <https://doi.org/10.1016/j.jag.2017.11.008>
5. **Oduor N. (2015).** Sustainable harvesting, preservation and processing bamboo. A paper presented at the training of Kenya Forest Society members on bamboo propagation, management and utilisation at KEFRI , Muguga 9th – 10th April 2015
6. **Oduor N. (2013).** Production of innovative products from bamboo. A paper presented at the Bamboo value chain stakeholders forum at KEFRI , Muguga; 6 December 2013
7. **Oduor N.** and J. Mbaabu (2007).Bamboo production and utilisation in Kenya. A paper presented at The Seminar on Sustainable Development of Bamboo and Rattan Sector for Developing Countries, Beijing, China from 24th October – 7th November 2007