

	<p><b>RESEARCHER ID :</b>  <b>SCOPUS ID :</b>  <b>ORCHID:</b>  <b>Position:</b> Principal Research Scientist (<i>Forest ecology/Socio-economics</i>), Central Highlands Eco-Regional Research Programme, KEFRI-Muguga.</p>
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## 1. PERSONAL INFORMATION

- 1.1. **NAME** James Odhiambo Maua  
1.2. **ADDRESS** P.O Box 20412-00200, Nairobi  
1.3. **PHONE** 0721601497  
1.4. **EMAIL ADDRESS** [james\\_maua@yahoo.com](mailto:james_maua@yahoo.com) or jmaua@kefri.org  
1.5. **NATIONALITY** Kenyan  
1.6. **GENDER** Male  
1.7. **DATE OF BIRTH** June 15,1965

## 2. QUALIFICATIONS

### 2.1. Academic Qualifications

2014- date: PhD in Environmental Biology, Moi University, Eldoret, Kenya  
2001-2005: Masters of Philosophy (M.Phil.) in Forest Economics and Management, Moi University, Eldoret, Kenya  
1986-1989: Bachelor of Science (BSc.) in Forestry, Moi University, Eldoret, Kenya

### 2.2. Key Competencies

- Has worked in different ecological zones of Kenya including ASALs
- Has relevant experience regarding NTFPs
- Has held administrative positions at KEFRI
- Experienced in problem analysis, research methodology and using appropriate experimental designs.
- Have working knowledge of field measurements and data analysis.
- Have used survey and evaluation research techniques.
- Writing scientific reports

- Has participated in the preparation of Participatory Forest Management Plans for Bunyala and Kibiri Forest Stations in Kakamega and Vihiga Counties respectively.

### 2.3. Other Courses

- Financial Management for Non-finance Managers Seminar held on 18<sup>th</sup> to 22<sup>nd</sup> August 2008 at Kenya Institute of Administration.
- Training Course in Accounting and Finance for the Non-Financial Manager from 25<sup>th</sup> to 27<sup>th</sup> August 2004 at Kenya Institute of Business Training.
- Senior Management Seminar No.118/2003 from 29<sup>th</sup> September to 18<sup>th</sup> October 2003 at Kenya Institute of Administration
- 10<sup>th</sup> International Course on Local Level Management of Trees and Forests for Sustainable Land use from 7<sup>th</sup> September to December 11<sup>th</sup> 1997 at International Agricultural Centre, Wageningen- The Netherlands

### 3. EMPLOYMENT HISTORY

- Principal Research Scientist 2010-Date
- Senior Research Scientist 2001 -2010
- Research Scientist
- Assistant Research Scientist

### 4. ADMINISTRATIVE RESPONSIBILITY

- Officer-in-Charge Kakamega Forestry Research Sub-Centre 2011-2017
- Ag. Centre Director MASENO: February 2008 to November 2010
- Manager Kenya Forestry Seed Centre: 2003 to 2005
- Officer-in-Charge Nyeri Forestry Research Station: November 1996 to 2003
- Officer-in-Charge Bura Forestry Research Station: Jan 1990-October 1996

### 5. PUBLICATIONS

#### 5.1. Journal papers

- Population structure and regeneration status of woody species in a remnant tropical forest: A case study of South Nandi forest, Kenya. *Global Ecology and Conservation* 21 (2020) e00820. <http://www.elsevier.com/locate/gecco>. Authors: **James O. Maua**, Harrison Mugatsia Tsingalia, Joshua Cheboiwo & David Odee.
- **James Odhiambo Maua**, Harrison Mugatsia Tsingalia & Joshua Cheboiwo (2019) Economic value of non-timber forest products utilized by the households adjacent to the South Nandi forest reserve in Kenya, *East African Agricultural and Forestry Journal*, 83:4, 368-391, DOI: 10.1080/00128325.2019.1660037
- Socio-economic Factors Influencing Dependence of Households on Non-Timber Forest Products in South Nandi Forest, Kenya. *Journal of Economics and Sustainable Development* 9(14):105-113, 2018. Authors: **James O. Maua**, Tsingalia, M.H. & Cheboiwo, J.

- Species Diversity and Utilization of Non-Timber Forest Products (NTFPs) by Households Adjacent to South Nandi Forest, Kenya. Journal of Natural Sciences Research.8(20): 50-65, 2018. Authors: **James O. Maua**, Tsingalia, M.H. & Cheboiwo, J.
- Perceptions on Participatory Forest Management Impacts on Poverty for selected Forest Adjacent Communities in Kenya. Mbuvi, M.T.E., **Maua, J.O.**, Ongugo, P.O., Koech, C.K., Othim, R.A. and Musyoki, J.K. ARPIP-KEFRI PROJECT REPORT NO.1. KEFRI 2009.
- Contributed in 3 articles in the East African Agricultural and Forestry Journal No. 58 (Special Issue); Forestry in Irrigation schemes with special reference to Kenya (1993):
  - a) Rainwater harvesting as a method for bushland rehabilitation with selected indigenous and exotic dryland species. E. Afr. Agric. For. J. 58: 59-69. V. Kaarakka and **J.O. Maua**
  - b) Observations on pod production of planted *Prosopis juliflora* in Bura-Tana. E. Afr. Agric. For. J. 58: 111-114. A. Otsamo and **J.O. Maua**
  - c) Utilization of *Prosopis juliflora* for charcoal production in Bura Irrigation Settlement Project in Eastern Kenya. E. Afr. Agric. For. J. 58: 115-117. **James Maua** and A. Otsamo

## 5.2. Books

Tree Seed Handbook of Kenya (2<sup>nd</sup> Edition) edited by Omondi, W.; **Maua, J.O.**; and Gachathi, F.N. (2004).

## 5.3. Book Chapter

- Contributed in "A Dryland Forestry Handbook for Kenya, Nairobi (1992).

## 5.4. Technical Notes /Protocols/Guidelines

- **KEFRI Technical Note No. 19:** Performance of *Eucalyptus camaldulensis* Dehnh. Var. *camaldulensis* provenances irrigated under conditions in Bura-Tana, Kenya (1997).
- **KEFRI Technical Note No. 16:** Performance of trees using microcatchments in Bura-Tana, Kenya (1992).

## 5.5. Policy Briefs

Making Participatory Forest Management work in Kenya. Policy Brief by Mbuvi, M.T.E., Ongugo, P.O., **Maua, J.O.** and Koech, C.K. (2009).

## 6. RESEARCH

### 6.1. Completed

1. Product of Strengthening and Empowering Civil Society participation in PFM in East Africa (EMPAFORM project, Muguga): 2005 to 2007 summarized in "Perceptions on Participatory Forest Management Impacts on Poverty for selected Forest Adjacent Communities in Kenya. Mbuvi, M.T.E., **Maua, J.O.**, Ongugo, P.O., Koech, C.K., Othim, R.A. and Musyoki, J.K. ARPIP-KEFRI

PROJECT REPORT NO.1. KEFRI 2009”.

2. Summary of work by Bura Fuelwood Project published in East African Agricultural and Forestry Journal No. 58 (Special Issue); Forestry in Irrigation schemes with special reference to Kenya (1993).

## **6.2. Ongoing research**

1. The role of NTFPs in livelihood improvement and adaptation to climate change in areas adjacent to Mukogodo forest, Laikipia.
2. Evaluating the Potential of Urban Forestry for Safe, Resilient and Sustainable Cities in Kenya

## **6.3. Mentorship and supervision**

- Several students on attachment supervised and mentored staff while holding administrative positions in Bura, Nyeri, Muguga, Maseno and Kakamega.

## **7. INNOVATIONS AND PATENTS (Intellectual Property)**

## **8. CONFERENCES/SEMINARS/WORKSHOPS**

### **8.1. Presentation of Papers at Academic and Professional Conferences**

Oduor N., Musyoki J., **Maua J.**, Wainaina J., Mwanzia J., Sigu G., Ongugo P., Muga M. and Gitonga M. (2018). Status of the Bamboo Development in Kenya. In: Chagala–Odera E., Ochieng D., Wanjiku J., Muchiri M.N., Gichora M., Tuwei P., Kamondo B., Mengich E., Langat D., Oballa P., Muthike G., Chiteva R., Kagombe J., Cherotich L., Gathogo M., Muthama A. and Oduor N. (Eds.) Recent advance in forestry research and technology development for sustainable forest management: Proceedings of the 5th Kenya Forestry Research Institute (KEFRI) scientific conference, Muguga, Kenya, 17-19th April 2018.

### **8.2. Participation in Workshops/Conferences**

### **8.3. Convening/Coordinating Conferences**

## **9. PROFESSIONAL ENGAGEMENT**

### **9.1. Training**

### **9.2. Consultancies**

### **9.3. Collaboration with external organizations**

## **10. EXTERNAL AND INTERNAL RESEARCH GRANTS**

## **11. LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS**

**11.1. Local****11.2. Regional****11.3. International****12. AWARDS AND RECOGNITION****13. CONTRIBUTION TO KEFRI'S ADVANCEMENT**

- Contributed in preparation of Lake Basin Eco-region Forestry Research Programme-MASENO (KEFRI, 2011)
- I participated in production of over 2000 copies “Tree Seed Handbook of Kenya (2<sup>nd</sup> Edition) edited by Omondi, W.; Maua, J.O.; and Gachathi, F.N. (2004)” which is sold at Ksh. 1500 per copy thus raising Ksh. 3,000,000 to KEFRI.
- The revenue from Maseno Regional Research Centre from sale of seeds, seedlings, boarded items and office space improved when I was in-charge (2008 – 2010) and in Kakamega (2011 - 2017).

**14. MEMBERSHIP TO PROFESSIONAL BODIES**

1. Forestry Society of Kenya (FSK)

**15. REFEREES**

1. Mr. Paul Ongugo – Kenya Forestry Research Institute (0722-820-660): **email:** paulongugo@live.com
2. Dr. Joshua Cheboiwo - Kenya Forestry Research Institute (07220-464-469)  
**email:** jkchemangare@yahoo.com
3. Prof. Harrison Mugatsia Tsingalia - Jaramogi Oginga Odinga University of Science and Technology, School of Biological Sciences (0722-286-082): **email:** mugatsi2005@gmail.com