CV FORMAT – KEFRI SCIENTISTS

RESEARCHERID:
SCOPUSID:
ORCHID:

POSITION: Principal Research officer; Seed science and technology

1. PERSONAL INFORMATION
   • NAME William Omondi Oloo
   • ADDRESS; P.O. BOX 20412
   • PHONE : 0726 333 265
   • EMAIL ADDRESS: williamomondi2004@yahoo.co.uk
   • NATIONALITY: Kenyan
   • GENDER: Male

2. QUALIFICATIONS
   • Academic Qualifications: Msc; Seed Science and Technology
   • Key Competencies: Seed physiology, quality control, policy and project management
   • Other Courses: Environmental Impact Assessment, Seed radiology, Strategic and change management

3. EMPLOYMENT HISTORY
   • 1981- 1984 Ministry of Agriculture; Seed Inspector
   • 1985 1988: Kenya Agricultural Research Institute; Seed analyst
   • 1989 – 1989: Assistant Lecture; Egerton University, Njoro. Seed Science
   • 1989 -1992: Kenya Forestry Research Institute. Research Officer
   • 1993 – 1996: Kenya Forestry Research Institute; Senior Research Officer
   • 1997- to date: Kenya Forestry Research Institute; Principal Research Officer

4. ADMINISTRATIVE RESPONSIBILITY
   • 1985 – 1988 - Official Seed Tester; National Seed Quality Control Station; Lanet.
• 1989 – 1994 - **Manager**: Kenya Forestry Seed Centre
• 1995- 1997 - **Centre Director**: Maseno Regional Research Centre
• 1999 – 2010 - **Technical manager**: Seed for Life Project; KEFRI
• 2005- 2012 - **National Co-ordinator**: Tree Seed Programme; KEFRI

5. **PUBLICATIONS**

**Journal papers**

**Books**


**Book Chapter**


**Technical Notes /Protocols/Guidelines**


19. **Omondi, W.** (2010) Land use, land use change and forestry; Second National communications to UNFCC. Climate change mitigation measures and options


22. **Omondi, W.** D. Muturi and A. Wafula (2003), Response to desiccation of *Melia volkensii* gurke seeds. Technical Note; Seeds For Life Project


24. **Omondi, W. O.,** M. Meso; Germination and storage of *Azanza garkeana* (F. Hoffm) Excell and hillcoat seeds. Seeds For Life Project

25. Sacandé, M., H.W. Pritchard, **W. Omondi** (2002). High Moisture Limit for Freezing Tolerance of Tropical Tree Seeds is Dependent on Chemical Composition Paper in preparation for submission to peer reviewed journal


28. **Omondi,W.O.** W. Meso Seed collection and handling and nursery management; a reference manual; KEFRI 2011

29. Mbora, A., **W. Omondi.,** M. Meso; Seed source re-classification manual 2009, ICRAF / KEFRI

30. Mbora, A., **W. Omondi.,** Tree Seed Quality Guide (2009), ICRAF /KEFRI

31 Tree Seed catalogue; Kenya Forestry Research Institute (2010)


33. Kamondo, B.M. **W. Omondi,** Nyambati, M. Meso Status of tree seed value chain (2021)
Policy Briefs
1. Nurturing the seed: KEFRI’s Tree Seed Programme promotes tree planting through provision of high quality seeds. Miti Magazine (April 2012)

2. The State of Plant Genetic Resources for Food and Agriculture. FAO 2009

3. Promoting tree planting through provision of high quality seeds. (2011)

RESEARCH
Completed

1. IPGRI DANIDA Project on Recalcitrant and intermediate seeds (1995-1998)

5. Royal Botanic Garden, Kew The Useful Plants Project (UPP)- (2012-2019)

On going research
Gatsby Commercial Forestry Project

Mentorship and supervision

Supervised over 20 students on attachment from different educational institutions

INNOVATIONS AND PATENTS (Intellectual Property)
None

CONFERENCES/SEMINARS/WORKSHOPS
Presentation of Papers at Academic and Professional Conferences


2. Omondi, W.O (1991) -Problems with forest reproductive material and the need for legal regulations in tropical countries; Paper presented at IUFRO symposium in Gmunden, Austria.


6. **Omondi, W.O.** Role and activities in the tree seeds industry. Tree Genetic Resources Inception workshop; ICRAF HQ Nairobi (2017)

7. **Omondi, W.O.** Status of agroforestry seed and distribution systems Status of agroforestry seed and distribution systems. Ukweli Pastoral Centre, Kisumu (2019)


9. **Omondi, W.O.** Best practices on marketing and trade of Forest Reproductive Material. (2016). OECD, Paris France


**Participation in Workshops/Conferences**

Same as above

**Convening/Coordinating Conferences**

**PROFESSIONAL ENGAGEMENT**

**Training**

7. Policy and technical workshops on climate change; KEFRI Muguga (2026)
8. Research attachment; Royal Botanical Garden Kew; UK (2001)
9. Study tour /technical attachment at the Australian Tree Seed Centre (1991)
10. Study tour /technical attachment at Forestry Research Institute; Malaysia (1991)
11. Study tours in German Forestry seed production and research stations (1992)
12. Study tour to British Seed Production organizations, processing and marketing industries (1987)
13. Attachments to Official Seed Testing Station; Scotland.(August 1987)

Consultancies
3. 2012. Omondi, W. Project Preparation for Conservation of Maasai Mau and Transmara Forest Blocks of the Mau Forest Complex and Preparation of Investment Project Proposal LTS International Ltd,

Collaboration with external organizations
2. OECD Forest Seed Scheme; 2014 to date
3. ICRAF (1992 – 2020)
5. UNDP /GEF (2013 – 2016)

EXTERNAL AND INTERNAL RESEARCH GRANTS
1. Royal Botanic Gardens, Kew; (2000- 2019) (Ksh. 100M)
2. UNDP /GEF (10m)
3. ICRAF (1992 – 2020) (Ksh. 5m)
LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS

Local
2. Member: National Task Force on Review of Import and Export of seeds and plant materials
3. Member: National Working Group on Plant Genetic Resources
4. Member; National Technical Committee on Biodiversity, forestry, genetic resources and
   benefit sharing (2001)
5. Member; Task Force National Seed Committee
6. Member – Task force on the National Environmental Policy
7. Member – Task force on preparation of the State of Environment report
9. Member – Chairman of the Board; St. Stephen Siginga Secondary School. Siaya County
10. Patron; Sifuyo Primary School, Siaya County
11. Chairman: Board of Management Sifuyo Health Centre. Siaya County
12. Trustee and Chairman; Kenya Forestry Research Institute, Staff Welfare Association.
13. Member: National Task Force on Review of Import and Export of seeds and plant
   materials

Regional

C-coordinator: Ex-situ Plant Genetic Resource Conservation; East Africa (Sub-Saharan
African Forest Genetic Resources (SARFOGEN)

International
1. Members; Tree Seed Committee of the International Seed Testing Association (ISTA). (1994
   – 1998)
2. Member of the Board and Chairman; OECD Forest Seed Scheme (2014- 2021)

AWARDS AND RECOGNITION
CONTRIBUTION TO KEFRI’s ADVANCEMENT
1. Development of Kenya’s Seed Policy and regulations
2. Advancement of ex-situ conservation for forestry seeds
3. Development and application of tree seed production, handling and certification protocols
4. Publications to support seed policy, production, training and use
5. Linking KEFRI to external partners and donors
6. Mobilizing external funding for KEFRI’s research, training and development
7. Conceptualizing and developing a staff welfare society

MEMBERSHIP TO PROFESSIONAL BODIES

REFEREES
1. Dr. Tony Simons; Director General ICRAF
2. Dr. Moctar Sacande; FAO Rome
3. Tim Pearce; Royal Botanic Gardens, Kew
4. Csaba Gaspar; OECD Forest Seed Scheme Paris