

CV FORMAT – KEFRI SCIENTISTS



Position: Research scientist

1. PERSONAL INFORMATION

1.1. NAME	DAVID KIMANI MUCHIRI
1.2. ADDRESS	P.O BOX 119 RUMURUTI
1.3. PHONE	0721700352
1.4. EMAIL ADDRESS	davidmuchiri410@gmail.com
1.5. NATIONALITY	KENYAN
1.6. GENDER	MALE

2. QUALIFICATIONS

Academic Qualifications

2012-To date Master of Science Environmental Studies (Climate Change and sustainability),
Kenyatta University (Thesis on progress)

1994 – 1997 Bachelor of Forestry (BSc For) Moi University ,Eldoret, Kenya

1984 – 1986 Diploma in Forestry,Kenya Forestry Colledge Londiani

2.1. Key Competencies

2.2. Other Courses

1st -5th Sept 2014: Climate Change,Rapid Forest CarbonStock Appraisal and Development of PIN and PDD for Carbon Financing.Organised by African Forest Forum in Collaboration with Kenya Forestry Research Institute (KEFRI) and Kenya Forest Service(KFS) held at KEFRI Drylands Eco-Regional Research Programme Kitui

June-July 2013: Country Focused Training Course on Drought tolerant at Forestry and Forest Products Research Institute and other related organizations in Japan

July –August 2012: Country Focused Training Course on Tree Breeding Theory at Forestry and Forest Products Research Institute and other related organizations in Japan

13th Oct 08-2nd Nov08: Strategic Planning and Management organized by Track Agricultural Consultants held at Embu Institute of Agricultural Training

17th -21st Sept 2007: Integrated Watershed Management organized by African Highlands Initiative. Course held at Wida Highway Motel

19th -30th Sept 2005: Participatory Approaches to Research and Scaling Up. Course organized by African Soil Biology and Fertility Network(AFNET) in Collaboration with Desert Margins Project(DMP)

April 2000: Training of Trainers Course(TOT) organized organized by Agroforestry for Integrated Development in the Semi Arid Areas of Kenya (ARIDSAK Project) held at Embu Institute of Agricultural Training

3. EMPLOYMENT HISTORY

2003 –Sept 2020: Research scientist 11, and team leader of tree physiology component in the KEFRI/JICA project on Development of drought tolerant trees for adaptation to Climate change in drylands of Kenya

1998-2002: Assistant Research Officer, KEFRI Kibwezi Research Sub-Centre

1987-1994- Forester . Ecology department, Kenya Forestry Research Institute(KEFRI) P.O Box 20412 Nairobi

4. ADMINSTRATIVE RESPONSIBILITY

Oct 2020- To Date : Acting Officer in charge KEFRI Rumuruti Sub-Centre

2009-Sept. 2012: Officer in charge of the KEFRI Kibwezi Sub Centre

2005-2008- Ag Project Manager ARIDSAK Project

5. PUBLICATIONS

5.1. Journal papers

Luvanda A.M.^a, R. Wangeci, J. Nicholus, P. Mwendwa*, D. Muchiri, &M.Sheikh (2016):The Ecological and Socio-economic importance of *Faidherbia albida* in Taita and Taveta, Kenya: Oct. Jour. Env.Res

5.2. Books

5.3. Book Chapter

5.4. Technical Notes /Protocols/Guidelines

Kimondo J, Kigwa B, and Muchiri D.(2008) Equations for predicting crown growth of *Melia volkensii*

Kariuki J, Mulatya J, Kimondo J, Ogawa shinji and Muchiri D.(2006) Genetic improvement and propagation of *Melia volkensii*: Evaluation of candidate plus trees

Muchiri D and Dr.Mulatya J.(2004) Survey of *Melia volkensii* plus trees in the South Eastern dry lands of Kenya

Ochieng D., Muchiri D., and Mulatya J (2001) Evaluation of appropriate tree species for establishment of woodlots to produce construction timber

Muturi G and Muchiri D.(1999) A baseline survey of Kathonzweni Division in Makueni District of Kenya –

5.5. Policy Briefs

6. RESEARCH

6.1. Completed

Development of drought tolerant trees for adaptation to climate change in the drylands of Kenya (2012-2017)

The Ecological and Socio-economic importance of *Faidherbia albida* in Taita and Taveta, Kenya

6.2. Ongoing research

Establishment of *Grevilea robusta* seed orchard in Rumuruti

6.3. Mentorship and supervision

Juliet Nyilu Id no.34230553 on industrial attachment from 2nd Sept to 29th Nov 2019

Purity Mwende Peter ID.No on industrial attachment at KEFRI Kibwezi from 1st August to 30th August 2019

Mildred Auma IDNO-34343651 on industrial attachment at KEFRI Kibwezi from 2nd July to 30th August 2019

7. INNOVATIONS AND PATENTS (Intellectual Property)

8. CONFERENCES/SEMINARS/WORKSHOPS

8.1. Presentation of Papers at Academic and Professional Conferences

Muchiri D.K., Gyokusen K., Gotoh E., Tsuyama M., Sakuta K., and Muturi G.M.(2018) :Variation in drought tolerance among *Melia volkensii* clones of candidate plus trees selected from the species ecological range in Kenya: in Ochieng D, Kamondo B, Muturi G(eds) in proceedings of international conference on project on development of drought tolerant trees for adaptation to climate change in drylands of Kenya held at KEFRI headquarters from 13th -16th Feb 2017, KEFRI Kenya

8.2. Participation in Workshops/Conferences

13th Oct 08-2nd Nov08:Strategic Planning and Management organized by Track Agricultural Consultants held at Embu Institute of Agricultural Training

17th -21st Sept 2007:Integrated Watershed Management organized by African Highlands Initiative. held at Wida Highway Motel

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

Include research grants won

11. LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS

11.1. Local

11.2. Regional

11.3. International

11.4.

12. AWARDS AND RECOGNITION

2015 Commendation for excellence Kenya Forestry Research Institute

2012 Certificate for outstanding performance in Kitui centre in the year 2011-2012 for good leadership, performance, coordination and a team player Kenya Forestry Research Institute

13. CONTRIBUTION TO KEFRI's ADVANCEMENT

14. MEMBERSHIP TO PROFESSIONAL BODIES

15. REFEREES

Dr. James K. Ndufa

Kenya Forestry Research Institute

P.O Box 20412

Nairobi

Dr. James Kimondo

Kenya Forestry Research Institute

P.O Box 20412

Nairobi

Dr. M.T. E Mbuvi

Kenya Forestry Research Institute

P.O Box 20412

Nairobi

Dr. Jackson Mulatya

Kenya Forestry Research Institute

P.O. BOX 20412,

Nairobi