



ORCHID: 0000-0001-9501-631X

Position: Principle Research Scientist: Participatory Forest Management and Environmental Science

1. PERSONAL INFORMATION

- 1.1. NAME: Musingo Tito E. Mbuvi
1.2. ADDRESS: P O Box 20412, 00200, NAIROBI
1.3. PHONE 254 733809951
1.4. EMAIL ADDRESS tmbuvi@kefri.org; mtembuvi@gmail.com; mtembuvi@hotmail.com
1.5. NATIONALITY: Kenyan
1.6. GENDER: Male

2. QUALIFICATIONS

- 2.1. Academic Qualifications: PhD Environmental Sciences, Kenyatta University (2019)
MSc Participatory Forest Management and Extension, University of Reading (1999)
BSc Botany and Zoology University of Nairobi (1989)

2.2. Key Competencies

- 1) Participatory Forest Management and Forest planning
- 2) Policy, legislation, regulations and guidelines development
- 3) Decentralization and governance
- 4) Socio economic surveys
- 5) Livelihood studies.
- 6) Ethno-botanical studies

2.3. Other Courses

- 2020 Mediation of Natural Resources Conflicts - University of Nairobi
2019 Result Based Monitoring and Evaluation – Kenya School of Government
2014 Performance Management Training - Kenya
2011 Strategic Leadership – The Kenya Institute of Management
2008 a) Forest Management through Co-existence – Japan
b) Environmental Impacts Assessment & Audit – Kenya School of Government
2006 Conflict Management - Kenya
2005 Improving Creativity in Work Place – Alemaya University Ethiopia
2004 a) Training of Trainers training in Participatory Forest Management – Tanzania
b) Team Building – Kenya

- 2003 Collaborative Forest Management – Uganda
- 2002 Finance and Accounting for None finance managers – Kenya
- 2001 Developing and Writing research proposals – Kenya
- 2000 a) Preparing for Participatory Forest Management Natural Resources Institute, University of Greenwich
- b) Conflict Resolution/Communication/Handling of Effective Meeting Skills – Kenya
- 1998 Introduction to Participatory Rural Appraisal (PRA) – Kenya
- 1997 Methods of Biodiversity surveys, preparation, identification and maintenance of voucher specimens– Makerere University
- 1996 Leadership and Management – GTZ - Kenya
- 1995 Training of Trainers (Also in 1990, 1993 and 2004) Egerton University – Kenya
- 1993 Scientific Writing and Dissemination of Research Results – KEFRI and University of Helsinki
- 1992 Field Measurement and Data Analysis – KEFRI and University of Helsinki
- 1992 CD – ROM Management and Technology – CAB International - Kenya
- 1991 Problem Analysis, Research Methodologies and Experimental design – KEFRI and University of Helsinki

3. EMPLOYMENT HISTORY

1990 to date: Kenya Forestry Research Institute

4. ADMINSTRATIVE RESPONSIBILITY

2020 to date	Deputy Director Forestry Support Services
2019 to Date	Head of Monitoring and Evaluation KEFRI
2010 to 2018	Regional Director Coast Eco Regional Research Project
2009 to 2010	Officer in Charge of Nyeri Forestry Research Sub Centre
2007 to 2009	Acting Centre Director Kitui Regional Research Centre
2003 to 2007	National Coordinator; Action Research into the Poverty Impacts of Participatory Forest Management Project
2001 to 2003	Acting Centre Director Gede Regional Research Centre
1996 to 1998	Officer-in-Charge Gede Forest Research Station
1994 to 1995	Acting Head Plants for Life programme

5. PUBLICATIONS

5.1. Journal papers

1. Maria Fungomeli, Marcus Cianciaruso, Piero Zannini, Anthony Githitho, Fabrizio Frascaroli, Bernerd Fulanda, Staline Kibet, Martin Wiemers, **Musingo Tito Mbuvi**, Paul Matiku & Alessandro Chiarucci (2020): Woody plant species diversity of the coastal forests of Kenya: filling in knowledge gaps in a biodiversity hotspot, Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology, DOI: 10.1080/11263504.2020.1834461
2. **Mbuvi, M.T.E.**, Ndalilo, L., Matiku, P., Munguti, S. and Odera, G. (2020) Yearning for an Apple: The Changing Lifestyle of the Tana River Delta Communities in Kenya and Implications

- on Livelihoods and Conservation of Natural Resources. *Natural Resources*, 11, 446-472. <https://doi.org/10.4236/nr.2020.1110027>
3. John Mwendwa Mugambi, Jane Kagendo, Mulaha Kweyu, **Musingo Tito Edward Mbuvi**. (2020) Influence of Community Forest Association Activities on Dryland Resources Management: Case of Kibwezi Forest in Kenya. *International Journal of Natural Resource Ecology and Management*. Vol. 5, No. 3, 2020, pp. 119-128. doi: 10.11648/j.ijnrem.20200503.16
 4. **Musingo Tito E. Mbuvi** and James B. Kungu (2020) Policy makers' perspective on impacts of decentralizing forest management in Kenya on forestry conservation and community livelihoods. *Environmental Management and Sustainable Development*. 9(3) 1 – 21. DOI:[10.5296/emsd.v9i3.16136](https://doi.org/10.5296/emsd.v9i3.16136)
 5. **Musingo T E Mbuvi**, Leila Ndalilo, Chemuku Wekesa, Paul Matiku and Serah Munguti (2019) Engagement of Decision Makers for Improved Management of Shared Resources for Enhanced Community Benefits and Adaptation to the Changing Climate in Tana River Delta, Kenya. Research and Reviews: *Journal of Ecology and Environmental Sciences*, 1-15
 6. **Mbuvi, M. T. E.**, Musyoki, J. K. & Ndalilo, L. A. (2020). Forest Management Teams, a Citizenship Paradigm Analysis through Influence and Importance Factors; Experience from Arabuko Sokoke Forest, Kenya. *Open Journal of Forestry*, 10, 81-109. <https://doi.org/10.4236/ojf.2020.101007>
 7. Mugambi J. M., Kagendo, J., Kweyu, M. and **Mbuvi, M. T. E.** (2020) Effects of Leasehold on Community Forest Association Benefits in Dryland Resources Management: A Case Study of Kibwezi Forest in Kenya. *Asian Journal of Geographical Research* 3(3): 37-47. DOI: [10.9734/ajgr/2020/v3i330109](https://doi.org/10.9734/ajgr/2020/v3i330109)
 8. **Mbuvi, M. T. E.** and Kungu, J. B. (2019) Institutional Factors Influencing Decentralised Forest Governance: Policy Makers' Perspectives and Future Trends *Environmental Policy and Law*. 49(4-5) 264-276
 9. **Mbuvi Musingo Tito E.**, James B. Kungu, Francis N. Gachathi, Chemuku Wekesa Nereoh Leley and Joseph M. Muthini (2019) Annotated checklist of plant species of Loita Forest (*Entim e Naimina Enkiyio Forest or the forest of the lost child*), Narok County, Kenya *International Journal of Advanced Research in Biological Sciences*. 6(3): 54-110. DOI: <https://dx.doi.org/10.22192/ijarbs.2019.06.03.006>
 10. **Mbuvi M. T. E.**, Ndalilo, L. & Cheboiwo J. (2018) Challenges to Actualization of Decentralization Forest Management Functions: Experiences and Lessons on Devolving Forestry Management Functions in Kenya *Public Policy and Administration Research*. 8;10, 1-9
 11. **Mbuvi, M. T. E.**, Ndalilo, L., & Hussein, A. (2018). Applying Sustainability and Ethics in Forest Management and Community Livelihoods: A Case Study from Arabuko Sokoke Forest, Kenya. *Open Journal of Forestry*, 8, 532-552. <https://doi.org/10.4236/ojf.2018.84033>
 12. Joram K. Kagombe **MTE Mbuvi** and J. K. Cheboiwo (2017) Role of Devolved Governance in Enhancing Incentives in Participatory Forest Management in Kenya *Journal of Environment and Earth Science*. 7 1-5
 13. Chemuku W., Nereoh L., Maranga, E., Bernard Kirui, B., Muturi, G., **Mbuvi M. T. E.** and Chikamai, B. (2016) Effects of Forest Disturbance on Vegetation Structure and Above-Ground Carbon in Three Isolated Forest Patches of Taita Hills *Open Journal of Forestry*. 6, 142-161
 14. **Mbuvi M. T. E.**, J. K. Musyoki, A. O. Ayiamba and J. W. Gichuki (2015) Determining the potential for introducing and sustaining Participatory Forest Management: A case study of South

Nandi Forest of Western Kenya International Journal of Biodiversity and Conservation Vol. 7(3): 190-201

15. **Mbuvi M. T. E.**, Musyoki, J. K and Ongugo, P. (2015) Equity Mechanisms in Traditional Forest Management Systems: A Case Study of Loita Forest in Kenya Journal of Sustainable Forestry 34:4, 380-405
16. Nilufar M., S. I. Mohammad, **M. T. E. Mbuvi**, B. O. Owuor. P. O. Ongugo and M, A. Syed (2014) Group inequality and environmental sustainability: Insights 7 from Bangladesh and Kenyan forest commons. Sustainability. 6, 1462-1488,
17. **Mbuvi M. T. E.** and Musyoki J. K. (2013) Impacts of participatory forest management on community livelihoods: A case study of Dida Community adjacent to Arabuko-Sokoke forest in Kilifi County, Kenya. World Journal of Agricultural Sciences Vol. 1 (2), pp. 044-055
18. Mwendwa, K. A., Gordon, I., **Mbuvi, M. T. E.** and Maweu J. M. (2003) Participatory Learning and Action Research among communities adjacent to Arabuko-Sokoke forest. Recent advances in Coastal Ecology African Studies Centre. Research Report 70/2003
19. **Musingo Tito E. Mbuvi** (1997), Women have an Edge over Men on Traditional Medical Practice (TMPc) Knowledge: The Assumption versus the Field Situation. Journal for Ethnomedicine Special issue 11: 97-102
20. **Musingo Tito E. Mbuvi** (1998), Cultural Influence on the Therapy Seeking Behaviour of some Kenyan Communities. Journal for Ethnomedicine. Special issue 14: 39-43
21. Mbuvi M. T. E. 1996. Using names as a guide to past ecology and land use practices. International Institute for Environment and Development (IIED), PLA notes No. 27

5.2. Books

1. Kamondo B., Muturi, G., **Mbuvi M.T.E.** Ochieng D, Wekesa C, Riziki, M., Akinyi L., Malonza, P. K., Ogwaka B., Mulwa R. K and Marahaba D. M. (2020) (eds.) Biodiversity status of Buda forest Kenya. A KEFRI and Base Titanium Publication. Nairobi Kenya
2. Ochieng D., Luvanda A., Wekesa C., **Mbuvi M. T. E.** and Ndalilo L, (2017) (eds.) Biodiversity status of Arabuko Sokoke forest Kenya. A KEFRI, World Bank, GEF, KCDP Publication. Nairobi Kenya
3. **Mbuvi, M. T. E.** L. Wekesa, W. Wekesa. N. Leley, M. Ntabo, A. Eshitera, M. Karangi, L. Cheruiyot, P. Manyala, M. Okeyo, M. Sheikh, K. Kihara, M. Muchriri, P. Ongugo, A. Kala and B. Owuor (2016) Capability Map Growing High Value Tree Species in the Coast Region of Kenya: A guide for Framers, Forest Managers, Extension Agents and Investors. Kenya Forestry Research Institute (KEFRI) and Ministry of Land, Housing and Urban Development Departments of Physical Planning
4. Gachathi, F. N., **M. T. E. Mbuvi**, L. Wekesa, W. Chemuku, N. Leley, (2016) A Field Guide to Valuable Trees and Sbrubs of Kaya Mudzi Muvya Forest in Kilifi County, Kenya. Kenya Forestry Research Institute (KEFRI)
5. **Mbuvi M. T. E.**, J. K. Musyoki and P. O. Ongugo (2015) Participatory Forest Management impact on Forest and Poverty Status of the Loita Maasai Kenya LAP Lambert Academic Publishing Germany (ISBN 978-3-659-55231-1)
6. **Mbuvi M.T.E**, Maua J.O, Ongugo P. O, Koech C.K, Othim R.A and Musyoki J. K. (2009) *Perceptions on Participatory Forest Management Impacts on Poverty for Selected Forest Adjacent Communities in Kenya*. KEFRI Publication

7. Ongugo P.O., J. K. Kagombe, B. O. Wandago, M. Gachanja, and **M.T.E. Mbuvi** (2008) (eds.) L. Mwambui. *Proceedings of the 1st National Participatory Forest Management Conference: Better Managed Forests and Improved Livelihood. June 6-8, 2007*. Kenya Forestry Research Institute, Muguga, Kenya.
8. **Mbuvi M. T. E.** Ayiemba, O. W. Matiku, P. Kagombe J. K. (2007) Participatory Natural resources Management: How to involve local communities. A Handbook for Facilitator: KEFRI/Nature Kenya Nairobi Kenya.

5.3. Book Chapter

1. Ndalilo, L., Chemuku W. and and. Mbuvi, M. T. E. 2020. Indigenous and Local Knowledge Practices and Innovations for Enhancing Food Security Under Climate Change: Examples from Mijikenda Communities in Coastal Kenya (edits) A. Gasparatos et al. (eds.), Sustainability Challenges in Sub-Saharan Africa II, Science for Sustainable Societies, Springer Nature Singapore Pte Ltd. 2020, https://doi.org/10.1007/978-981-15-5358-5_3
2. **M.T.E. Mbuvi** and Ndalilo, L. (2019) Buda Forest Conservation, Utilization and Governance, Utilization and Governance in Kamondo B., Muturi, G., Mbuvi M.T.E. Ochieng D, Wekesa C and Akinyi L., Malonza, P. K., Ogwaka B., Mulwa R. K and Marahaba D. M. (2020). Biodiversity status of Buda forest Kenya A KEFRI and Base Titanium Publication. Nairobi Kenya
3. Ndalilo, L., **M.T.E. Mbuvi** and A.M. Luvanda (2017) Utilization and Governance of Arabuko Sokoke Forest in Biodiversity status of Arabuko Sokoke forest Kenya in Ochieng D, Luvanda A. Wekesa C Mbuvi MTE and Ndalilo L, (2017). Biodiversity status of Arabuko Sokoke forest Kenya. A KEFRI,World Bank, GEF, KCDP Publication. Nairobi Kenya
4. Paul O. Ongugo, **Titus E. Mbuvi**, Emily Obonyo, Jephine Mogoi, Joseph O. Maua, Charles K. Koech and Roxventa A. Othim (2014) Emerging Roles of Community Forest Associations in Kenya: The Cases of Arabuko – Sokoke Forest Adjacent Dwellers Association (Asfada) and Meru Forest Environmental and Protection Community Association (Mefecap) in Getzweiler, F. W. (eds) Institutional and Livelihood change in East African Forest Landscape: Decentralization and institutional change for sustainable forest management in Uganda, Kenya Tanzania and Ethiopia
5. **Mbuvi M. T. E.** and Ayiemba, W. O., (2012), Sustained natural resources management and community livelihoods improvement through partnerships: the case of Arabuko-Sokoke forest landscape in Kenya: A chapter in: Successful Cases of Sustainable Development. University of Veracruzana Mexico (Published in Spanish)

5.4. Technical Notes /Protocols/Guidelines

Socio and Ecological status reports on the following forests and adjacent communities

1. Arabuko Sokoke forest
2. Kakamega forest reserve and Kakamega National forest reserve
3. Lelan forest reserve
4. Kaibichbich forest reserve
5. South Marmanet forest reserve
6. North Marmanet forest reserve
7. Loita community forest

8. Kereita forest reserve
9. Nyamweru forest reserve
10. Upper Imenti forest reserve
11. Lower Imenti forest reserve
12. Elgeyo Marakwet and Kessup Forests
13. South Laikipia and Tanyai Forest Block
14. Museve and Kabonge forest
15. Nthangu forest

5.5. Policy Briefs

- 1) Policy Brief on Making Participatory Forest Management work in Kenya

6. **RESEARCH**

6.1. **Ongoing research**

- 1) Participatory Forest Management
- 2) Policy and law review (Development of regulations)
- 3) Documenting History of forest management
- 4) Writing a book on PFM practice in Kenya

6.2. Mentorship and supervision

(a) Mentorship

1. Member of University of Reading mentorship programme
2. Facilitated staff working under me attain PhDs (2) Msc (5) and several Bachelors, Diploma and certificates
3. External examiner

7. **CONFERENCES/SEMINARS/WORKSHOPS**

7.1. Presentation of Papers at Academic and Professional Conferences

(a) International Conferences

- 1) Mbuvi M.T.E., Gacheru P. and Siele, J. (2019) Review of PFM implementation in Kenya: 1997 to 2018. Presentation done during Regional workshop on Participatory Forest Management, in Imperial Hotel, Entebbe, (22nd - 23rd October 2019) Uganda
- 2) Mbuvi, M. T. E., Paul O. Ongugo, P. O. and Nahama, T. E. (2019) When Shall Forests become beautiful in Kenya! The dilemma of reconciling stakeholder interests and values. IUFRO 2019 CONGRESS, Curitiba Brazil
- 3) Ndalilo, L., **Mbuvi, M. T. E** and C. Wekesa (2017) Designing a PES Strategy for Transboundary Riverine Forest Ecosystems: The case of River Lumi, Kenya. 125th Anniversary Congress of IUFRO, 18th -22nd, Freiburg, Germany

- 4) **Mbuvi, M. T. E**, Roxventa A. Ongugo and Arafa Amur (2017). Faltering governance system threatening the survival of a commons: Loita community forest in Kenya Internationals Association for the study of the commons. Utrecht, 10 -14 July 2017. The Netherlands (Poster)
- 5) **M.T.E. Mbuvi**, P.O. Ongugo, C. Wekesa and J. K. Musyoki (2015). Programmatic management versus business-as-usual: The need to institutionalize the paradigm shift in Kenya Forestry Sector. XIV World Forestry Congress, Durban, South Africa, 7-11 September 2015.
- 6) **Mbuvi, M. T. E**. Kagombe, J. K and Ongugo, P .O. (2010). Why the change after a Century: Kenyan experience on initiatives to change forestry management approach. The 18th Commonwealth Forestry Conference. Edinburg UK
- 7) **Mbuvi, M. T. E**. Muchiri M. N. and Wairungu S. N (2010) Modern Silviculture Practices Versus Livelihood needs: The Case of Casuarina Growing along the Kenyan Coastal Region. 4th International Casuarina meeting 22 to 25th March 2010 Haikou China.
- 8) **M. T. E. Mbuvi**. Kagombe, J. K and Ongugo, P. O. (2009) Emerging social and democratic institutions: Experiences from Community forestry associations in Kenya: First Community Forestry International Workshop: 15th to 18th September 2009. Pokhara Nepal
- 9) **Mbuvi M. T. E**. Ongugo P.O. Maua J.O. and Koech C. K. (2007) *Emerging Values of forests: A blessing for Participatory Forest Management : the case of Kenya*: International Conference on Participatory Forest Management (Participatory Forest Management, Biodiversity and Livelihoods in Africa: Addis Ababa, Ethiopia (19th – 21st March 2007)
- 10) Ongugo P. O. **Mbuvi M. T. E**. Koech C. K. and Maua J. O. (2007) *Improving Governance through social mapping tools: The case of Ability to live analysis*: International Conference on Participatory Forest Management (PFM, Biodiversity and Livelihoods in Africa: Addis Ababa, Ethiopia (19th – 21st March 2007)
- 11) Ongugo P. O. **Mbuvi M. T. E**, Maua J. O. Koech C. K and Othim R. A, (2007) *The emerging role of Community Forest Associations Confederates in Kenya; The case of Arabuko Sokoke forest Adjacent Dwellers Association (ASFADA) and Meru Forest Environmental and Forest Protection Community Association (MEFECAP) Kenya*: A paper to be presented during the International Conference on Poverty Reduction and Forest Tenure, Market and Policy reforms (Bangkok, Thailand 3rd – None presented 7th September 2007)
- 12) **Mbuvi, M. T. E** and Ayiemba W. O. (2005) *Sustained Natural Resources Management and Community Livelihoods Improvement through Partnerships: The case of Arabuko-Sokoke forest Kenya*, 1st International Congress on Successful Cases in Sustainable Development in the Tropics. Mexico; South America
- 13) **Mbuvi M. T. E** (2003) *I Can not give a blank Cheque! The case of introducing Participatory Forest Management (PFM) in Arabuko-Sokoke forest (ASF)-Kenya*. A paper presented during the IUFRO All Division 6 meeting Collaboration and Partnership in Forestry. Chile
- 14) Balozi B. K., **Mbuvi, M. T. E.**, and Wairungu, S. (2003) *A stitch in time? Community empowerment to conserve the Arabuko-Sokoke Forest*: - A paper written for the IUFRO world congress in Canada

(b) National Workshops and Conferences

- 1) Mbuvi, M. T. E. (2019) Community Perceptions on Existing Forestry Policies and Legislations, A paper presented during the 2019 NATIONAL POLICY DIALOGUE. On the “Future of the Forest Sector;

- Inspiring Innovations and Sustainable Investment”, held at Golf Hotel on 25th to 27th September 2019. Kenya
- 2) **Mbuvi Musingo T. E.**, Leila Ndalilo, J. Cheboiwo, and Paul Ongugo (2018) Assessing the effectiveness of devolved forest governance in Kenya: TIPs experiences from the Coast region of Kenya. FSK, 2018 Foresters' Scientific Conference on Enhancing Sustainable Forest Management in Kenya: Forestry Sector Contribution to the Government Big 4 Agenda held at KEFRI KITUI (27th to 28th September 2018)
 - 3) Leila Ndalilo, **Mbuvi Musingo**, Paul Ongugo and Chemuku Wekesa (2018) Maximising community benefits through value addition of herbal medicinal products: The case of Ufanisi Herbal group in the Kenyan Coast. FSK, 2018 Foresters' Scientific Conference on Enhancing Sustainable Forest Management in Kenya: Forestry Sector Contribution to the Government Big 4 Agenda held at KEFRI KITUI (27th to 28th September 2018)
 - 4) Mwadalu R., Muturi G., **Mbuvi M.T.E** and Muema K. (2018) The Potential of *Casuarina equisetifolia* and *Melia volkensii* Systems in Improving Soil Fertility in Kwale and Kilifi Counties, Kenya
 - 5) Mwadalu R., Muturi G., **Mbuvi M.T.E** and Gathara M. (2018). Benchmarking Edaphic Properties of Arabuko Sokoke Forest for Long-term Biodiversity Monitoring
 - 6) Muema K., Cheboiwo J. and **Mbuvi M.T.E.** (2018). Evaluation of Extension Methods in Forestry Development Suitable for Increased Information Dissemination of Forestry Technologies and Innovations in Kilifi and Kwale Counties, Kenya
 - 7) **Mbuvi M. T. E.**, P O Ongugo E. T. Nahama, W. Chemuku and L. A. Ndalilo (2016). *The Equitable Access Discourse in Forestry?: Needs, Interest and Participation Perspectives*. Forestry Society of Kenya, 11th Annual Scientific Conference, 28th – 29th September 2016. Eldoret, Kenya.
 - 8) **Mbuvi M, T. E.** T. Nahama and J. M. Musyoki (2014) Participatory Forest Management: The disconnect between law, practice and reality 2nd National Participatory Forest Management Conference, 15th – 16th July 2014, KEFRI Muguga
 - 9) **Mbuvi, M. T. E.**, Wekesa, C. and Ndalilo, L. (2014) The contribution of on farm tree growing to biodiversity conservation: A case of analysis of seedlings production trends in the Coast region. 9TH FSK National Annual Scientific Conference & 3rd to 5th September 2014. The Great lakes Hotel, Kisumu
 - 10) Kagombe, J. K. and **Mbuvi, M. T. E.**, (2012) Role of Devolved Governance in Enhancing Incentives in Participatory Forest Management in Kenya 7th Foresters Conference and Dialogue meeting: Forestry Society of Kenya between 19th - 21st September, 2012. Nyeri Kenya
 - 11) **Mbuvi, M.T.E** and E.T. Nahama (2012) Towards devolved forestry management in Kenya: Is it a Leap or a Process? 7th Foresters Conference and Dialogue meeting: Forestry Society of Kenya between 19th - 21st September, 2012. Nyeri Kenya
 - 12) Musyoki, J.K. and **Mbuvi M.T.E** (2014), Participatory Forest Management Implementation Experiences: A National Analysis. 2nd National Participatory Forest Management Conference, 15th – 16th July 2014, KEFRI Muguga
 - 13) Kagombe J. and **Mbuvi, M.T.E.** (2012) Changing Forests Management and Community Livelihoods Fortunes: Experiences from Participatory Forest Management in Kenya: First IUFRO-FORNESSA Regional Congress
 - 14) Muthini, J. M. and **Mbuvi M. T. E.** (2012) An Assessment of the PFM Status and Process – A review of the Changes needed; “Participatory Forest Management and Climate Change Adaptation within the Devolved System of Governance” on the 8th and 9th of March 2012 at Turtle Bay Beach Hotel in Watamu, Kilifi County.
 - 15) Kagombe, J. K. and **Mbuvi, M. T. E.**, (2012) Role of Devolved Governance in Enhancing Incentives in Participatory Forest Management in Kenya 7th Foresters Conference and Dialogue meeting: Forestry Society of Kenya between 19th - 21st September, 2012. Nyeri Kenya
 - 16) **Mbuvi, M.T.E** and E.T. Nahama (2012) Towards devolved forestry management in Kenya: Is it a Leap or a Process? 7th Foresters Conference and Dialogue meeting: Forestry Society of Kenya between 19th - 21st September, 2012. Nyeri Kenya

- 17) **Mbuvi, M. T. E.** Nahama E. T and Musyoki J. K. (2010) Dryland Hill-top Forests: Biodiversity and Livelihoods refuge; the Case of Kavonge and Museve Hill-top Forests Kitui County The Forestry Society of Kenya Annual Conference, Nomad Palace Hotel, Garissa 29th September – 1st October 2010
- 18) **Mbuvi, M. T. E.**, Ongugo P. O. Mugo E. N. Nahama E. T Maua J. O. and Koech C. K. (2006) *Is Participatory Forest Management Missing the Target, Early Warning signals* The 1st Kenya Forestry Society Scientific conference and AGM (August 10th – 11th 2006)
- 19) **Mbuvi, M. T. E.**, Ongugo P. O., Mugo E. N. Nahama E. T., Maua J. O. and Koech C. K (2007) *Participatory Forest management and livelihoods: Are they two sides of the same coin?* Presented during the 1st National Participatory Forest Management Conference: KEFRI Headquarters (6th – 8th June 2007): Kenya
- 20) Nahama E. T., **Mbuvi M. T. E.** and Ayiemba W. O (2007) *Partnerships, Networks in Participatory Forest Management: The Kenyan Experience* : Presented during the 1st National Participatory Forest Management Conference: KEFRI Headquarters (6th – 8th June 2007): Kenya
- 21) Ayiemba W. O, **Mbuvi M. T. E** and Maua J. O. (2007) *Adequacy of forest resources to meet benefits expected by communities under PFM* : Presented during the 1st National Participatory Forest Management Conference: KEFRI Headquarters (6th – 8th June 2007): Kenya
- 22) Mamu, A., **Mbuvi, M. T. E.** and Mwawishwa K., (2003) *Community Participation in Natural Resources management: The case of Arabuko-Sokoke forest-Forest Adjacent Dwellers Association (ASF-FADA).* Presented during a regional workshop on the Africa Forest Law enforcement and Governance Process 24th-25th February 2003, Hotel Intercontinental Nairobi, Kenya

7.2. Convening/Coordinating Conferences

- 1) 1st National Participatory Forest Management Conference; “*Better Managed Forests and Improved Livelihoods*”. Held at the Kenya Forestry Research Institute (KEFRI) Headquarters, Muguga Kenya in June 6 - 8, 2007.
- 2) 2nd National Participatory Forest Management Conference; “Enhancing Participatory Forest Management under the devolved governance structure”. Held at the Kenya Forestry Research Institute (KEFRI) Headquarters, Muguga Kenya, Kenya, 15th – 16th July 2014

8. PROFESSIONAL ENGAGEMENT

8.1. Training

Trainer (Regional and National Training)

- 1) Developed a three module training manual on Participatory Forest Management in Kenya (2010)
- 2) Participated in the development of Participatory Management of Forests and Protected Areas; A Trainer’s Manual Arusha Tanzania (2008)
- 3) Participated in the development of Co-management of natural resources process and training course curriculum in Entebbe Uganda (2003)
- 4) A Trainer on Participatory Forest Management for:
 - i) 2018: Participatory Forest Management Training for CFA leaders from Dakatcha woodlands, Taita Hills and Arabuko Sokoke forests
 - ii) Forest Managers from Kenya Forest Service, Civil Society and NGOs from Kenya, Tanzania and Uganda (2002 to 2004)

- iii) 2004: Training on Forest management for Community Scouts; Buda Forest station Kwale
- iv) 2008 Participatory Forest Management Training for South Nandi CFA members in Kaimosi ATC
- v) Participatory Forest Management Training for forest managers (Foresters and Ecosystem Conservators: 2003, 2006, 2007, 2008, 2009 and 2010
- vi) 2005: Participatory Forest Management Trainer in Quarterly KEFRI Participatory Natural Resources Management Training
- vii) 2004: Collaborative Forest management for Kaya elders Ukunda
- viii) 1997 to Date Formation, training and nurturing of The First CFA in Kenya DIFAAFA, ASFDADA, Gede, Jilore and Sokoke CFAs

8.2. Consultancies

(c) Forest Management Planning through Participatory Forest Management plans for

- 2019
 - a) Gede Forest Station Participatory Forest Management Plan
 - b) Jilore Forest Station Participatory Forest Management Plan
 - c) Sokoke Forest Station Participatory Forest Management Plan
- 2015
 - a) Lelan-Sigor forest station in West Pokot County
 - b) Lelan-Kaibichbich forest station in West Pokot County
- 2014 South Laikipia Forest Block Nyeri County
- 2013
 - a) North Marmanet Forests in Laikipia County
 - b) Nthangu Forest Reserve in Makueni County
- 2012 Elgeyo and Kessup Forest Stations Elgeyo Marakwet County
- 2010 South Marmanent Forest
- 2009 Kabonge (Kavonge) and Museve hill-top forests – Kitui County
- 2008 Dakatcha woodlands in Kilifi County
- 2003 Arabuko-Sokoke strategic management plan – Kilifi County

(d) Social economic and ecological assessments

- 2019 Baseline surveys on household wellbeing, diet and socioeconomic status in communities around the Yala Swamp, Indigenous and Community Conservation Area (ICCA)
- 2018
 - a) National PFM implementation review
 - b) Household wellbeing and socioeconomic surveys for the project on Balancing water services for development and biodiversity in the Tana-Delta
- 2015 Tana Delta Socio economic and land use plan End of Project Review Report
- 2013 Tana Delta Nature Based Enterprises Livelihood Baseline Report
- 2012 Tana Delta Socio-Economic and Land Use Plan Baseline Survey
- 2011 Socio-Economic and Participatory Natural Resource Management Status in Ozi Location Tana Delta, Tana River County
- 2008 Socio-Ecological assessment for development of South Nandi forest management plan
- 2004 Trade (on flora and Fauna) issues within the Coastal Forests

8.3. Collaboration with external organizations

- 1) Nature Kenya
- 2) National Alliance of Community Forest Associations (NACOFA)
- 3) Kenyatta University
- 4) Kenya Forest Service
- 5) Forest Action Network (FAN)

9. EXTERNAL AND INTERNAL RESEARCH GRANTS

- i) African Plantation Capital which has established the first Bamboo Plantation in Kenya
- ii) Nature Kenya which has witnessed holding of two PFM national conferences
- iii) Proposal development:
- iv) Drought Tolerance project.
- v) ARPIP with IIED and Care International and Care Uganda, Kenya and Nepal, Tanzania Forest Working Group, Forest Action Network (FAN) and IIED
- vi) Establishing clear communal Individual or households boundaries for withdrawal of forest resource units for enhanced community livelihoods KEFRI and Kenyatta University (NRF)
- vii) African Academy of Sciences: Indigenous medicinal and food plants
- viii) IDRC: Herbal medicine research

10. LOCAL, REGIONAL & INTERNATIONAL APPOINTMENTS

10.1. Local

- 1) Member of the Task force for developing Mangrove National Management Plan

11. CONTRIBUTION TO KEFRI'S ADVANCEMENT

(a) Project Development, Implementation and Coordination Experience (Major projects)

Managed and coordinated several multi-agency and international projects including:

- 1) IDRC project on Bamboo, Agroforestry and Herbal medicine in charge of herbal medicine component (Funded by IDRC)
- 2) Plants for Life Programme (Funded by AAS)
- 3) ALISEI: implemented by KEFRI, East Africa Wildlife Society and Alisei (an Italian NGO) funded by EU
- 4) Arabuko-Sokoke Forest Management and Conservation Project (ASFMCP) (EU Funded)
- 5) Forest/Range Rehabilitation and Environmental Management Strengthening (FORREMS) Project (Coast Region Coordinator)
- 6) Three CDTF project in Arabuko Sokoke forest in partnership with Kenya Forest Service, Kenya Wildlife Service, National Museums of Kenya and Community Forest Associations
- 7) Support and expansion of Malindi bio-fuel cluster-Jatropha Farming implemented by KEFRI and CISP (Comitato Internazionale Per Lo Sviluppo Dei Popoli) funded by EU
- 8) Promotion of Sustainable Forest Management (PSFM) (GTZ)

- 9) Arabuko-Sokoke Forest Management and Conservation Project (ASFMCP) (EU Funded)
- 10) Arabuko-Sokoke Forest Community Conservation Initiatives (EU Funded - CTDF) Enhanced sustainability of Arabuko-Sokoke forest through Improved Natural Resources Management by and for Stakeholders (USAID Funded)
- 11) Developing Incentives for Community Participation in Forest Conservation Through the Use of Commercial Insects in Kenya (GEF Funded)
- 12) Action Research into the Poverty Impacts of Participatory Forest Management (EU funded) implemented in five countries coordinated by IIED UK
- 13) Intensified Social Forestry Project (ISFP) implemented by KFS, KEFRI and Farmers. Funded by JICA
- 14) People and Sustainable Development: Investing in Education, and Social and Economic Empowerment to conserve globally threatened biodiversity in Arabuko-Sokoke Forest, Kenya 2004-2008 (Germany Civil society -Kindernothilfe and Naturschdeutschland)
- 15) Kenya Coastal Development Project (World Bank Funded)
- 16) Smallholder innovation for resilience: strengthening innovation systems for food security in the face of climate change (EU funded) which has seen communities visit other countries on learning visits and organizing an international workshop
- 17) Sustainable Poverty Alleviation from Coastal Ecosystem Services (SPACES) Project: a research project led by Stockholm Resilience Centre at Stockholm University in collaboration with Kenya Marine and Fisheries Research Institute, Wildlife Conservation Society and other institutions in Kenya, Mozambique, and several Universities in Europe Funded by EU

(b) Infrastructure Development

- 1) Expansion of research infrastructure including:
 - a. Getting land for establishment of KEFRI Garissa sub-centre,
 - b. Acquisition of land and accessing funds for construction of Lamu sub centre
 - c. Accessing land for construction of Taita Taveta sub centre offices, nursery and demonstration plots

12. MEMBERSHIP TO PROFESSIONAL BODIES

- 1) Forest Society of Kenya
- 2) Society of Ethnobiology

13. REFEREES

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