

## KOMU CV

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**RESEARCHER ID :**

**SCOPUS ID :**

**ORCHID:** 0000-0001-6129-5760

**Position:** Research Scientist – Forest Ecology

### 1. PERSONAL INFORMATION

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|--------------------|---|
| 1.1. NAME          | Henry Mwaka Komu  |
| 1.2. ADDRESS       | P. O. Box 71-80502 Mokowe, Lamu   |
| 1.3. PHONE         | (+254)725211512   |
| 1.4. EMAIL ADDRESS | <a href="mailto:henrymwaka@gmail.com">henrymwaka@gmail.com</a> / <a href="mailto:hmwaka@kefri.org">hmwaka@kefri.org</a> |
| 1.5. NATIONALITY   | Kenyan  |
| 1.6. GENDER        | Male  |

### 2. QUALIFICATIONS

#### 2.1. Academic Qualifications

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|-----------------------|---|
| <b>2019 – To date</b> | PhD Biodiversity and Natural Resource Management, University of Nairobi |
| <b>2010 – 2013</b>    | Master of Science in Range Management, University of Nairobi            |
| <b>2006 – 2010</b>    | Bachelor of Science in Range Management , University of Nairobi         |

#### 2.2. Key Competencies

A team player and leader with ability to establish and maintain good working relations with stakeholders and people of different nationals and cultural backgrounds

#### 2.3. Other Courses

**14<sup>th</sup> Nov – 2<sup>nd</sup> Dec 2019:** GIS and Remote Sensing- Conducted at IRD Centre, New Caledonia, under support of IRD through Conservation and resilience of Kenya's mangrove forests project

**11<sup>th</sup> Feb – 8<sup>th</sup> March 2019:** Senior Management Course- At Kenya School of Government, , sponsored by Kenya Forestry Research Institute

**12<sup>th</sup> – 16<sup>th</sup> Feb 2020:** ISO 14001:2015 and 9001:2015, Internal Audit training at Kitui

**24<sup>th</sup> -30<sup>th</sup> Sept 2017:** ISO 14001:2015 and 9001:2015 Implementers training at Marigat Kitui

**13<sup>th</sup> – 16<sup>th</sup> July 2015:** Open Data Kit (ODK) survey data collection application; offered by TANGO International at the Mercy Corps Kenya,

**15<sup>th</sup> –17<sup>th</sup> Sept 2014:** Collaborative Research Methods; offered jointly by Centre for Sustainable Dryland Ecosystems and Societies -University of Nairobi, Colorado State University and International Livestock Research Institute at the University of Nairobi,

**9<sup>th</sup> -13<sup>th</sup> June 2014:** Geographic Information Systems -offered jointly by Centre for Sustainable Dryland Ecosystems and Societies, University of Nairobi and Colorado State University, at the University of Nairobi,

**1<sup>st</sup>-13<sup>th</sup> March 2012:** Sustainable Land Use and Natural Resource Management; field based course conducted by Wangari Maathai Institute for Peace and Environmental Studies in collaboration with Danish Consortium for Environment and Development and Green Belt Movement at Solio settlement scheme

**6<sup>th</sup> – 25<sup>th</sup> Jan 2012:** Tropical Ecology and Computation Biology; jointly offered by Princeton University, University of Illinois, Chicago and University of Nairobi at Mpala Research Centre-Nanyuki

**5<sup>th</sup> – 9<sup>th</sup> Dec 2011:** Scientific communication and publishing; offered by Training Centre in Communication at the University of Nairobi,

### **3. EMPLOYMENT HISTORY**

**Sept 2015 – Date:** Research Scientist II, Kenya Forestry Research Institute, P. O. Box 71-80502 Mokowe, Lamu

**Sept 2014 – April 2015:** Part Time Lecturer, Chuka University

**May 2014 – April 2015:** Part Time Lecturer, South Eastern Kenya University

**Nov 2010 – Sept 2013:** Teaching Assistant, University of Nairobi

#### **4. ADMINSTRATIVE RESPONSIBILITY**

**Sept 2015 to Date:** Assistant Regional Director, Lamu Forestry Research Sub Regional Centre, Kenya Forestry Research Institute, P. O. Box 71-80502 Mokowe, Lamu

**Sept 2006 – Sept 2010:** Class Representative, BSc. Range Management Students', University of Nairobi

#### **5. PUBLICATIONS**

##### **5.1. Journal papers**

O'Connell, M., Nasirwa, O., Carter, M., Farmer, K., Appleton, M., Arinaitwe, J., . . . Komu, H.M. (2017). Capacity building for conservation: Problems and potential solutions for sub-Saharan Africa. *Oryx*, 53(2), 273-283. <https://doi.org/10.1017/S0030605317000291>

##### **5.2. Books**

##### **5.3. Book Chapter**

##### **5.4. Technical Notes /Protocols/Guidelines**

##### **5.5. Policy Briefs**

#### **6. RESEARCH**

##### **6.1. Completed**

##### **6.2. Ongoing research**

1. Documenting indigenous knowledge on extraction, processing and utilization of the various mangrove-based products in Lamu
2. Develop restoration technologies for Lake Kenyatta to improve water quantity and quality
3. Developing mangrove management strategy for continuous forestry mangroves resource exploitation
4. Assessment of livestock grazing impacts on Witu Forest Ecosystem

##### **6.3. Mentorship and supervision**

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

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

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

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

### **Conferences**

**17<sup>th</sup> -19<sup>th</sup> April 2018:** 5<sup>th</sup> KEFRI Scientific Conference – Contribution of Forestry Research to Sustainable Development, at KEFRI Headquarters

**27<sup>th</sup> - 30<sup>th</sup> July 2015:** Building Capacity for Conservation & Resource Management in Africa conference, at Desmond Tutu Conference Centre Nairobi

**29<sup>th</sup>-30<sup>th</sup> May 2013:** Student-Led Conference, Transformative Education, Research and Engagement for Dryland Resilience and Sustainability; Held at College of Agriculture and Veterinary Sciences, University of Nairobi

**26<sup>th</sup> -28<sup>th</sup> Sept 2011:** aGRO Biennial Conference: Optimization of Agricultural Value Chains for Sustainable Development; Held at College of Agriculture and Veterinary Sciences, University of Nairobi

**25<sup>th</sup>-26<sup>th</sup> May 2007:** 17<sup>th</sup> Eastern Africa Environmental Network Annual Conference: Environmental Conservation for Sustainable Development; Held at AMREF, Nairobi

### **Workshops**

**29<sup>th</sup> -31<sup>st</sup> October 2019:** National Mangrove Workshop “Strengthening Conservation of Mangrove forests for Biodiversity Conservation, Livelihoods and Climate benefits”

**11<sup>th</sup> to 13<sup>th</sup> Sept 2019:** Mikoko Project Scientific Workshop, Conservation & resilience of Kenya’s mangrove forests at Lamu Fort

**13<sup>th</sup> July 2012:** Is REDD+ a good policy option for Kenya- Centre for Sustainable Dryland Ecosystems and Societies Workshop in collaboration with Cambridge University and Queensland University, at University of Nairobi,

**15<sup>th</sup> Feb 2012:** A Review of Payment of Ecosystem Services from Wildlife Tourism as a Climate Change Adoption Option- International Livestock Research Institute

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

**2015-** Member of African Organising committee for the “Building Capacity for Conservation & Resource Management in Africa” conference 2015

**2011-** Committee member organizing aGRO Biennial Conference for the Faculty of Agriculture, College of Agriculture and Veterinary Sciences, University of Nairobi, 2011

## **9. PROFESSIONAL ENGAGEMENT**

### **9.1. Training**

**20<sup>th</sup> Oct 2020** - Training stakeholders on Role of Agroforestry in Climate Smart Agriculture and Forest Landscape Restoration at Mpeketoni, Lamu; Supported by Nature Kenya

**18<sup>th</sup> to 21<sup>st</sup> Feb 2020** – Training KFS staff and leaders of community based organizations on Mangrove rehabilitation and associated challenges at NMK Gede; Supported by Mikoko Project

### **9.2. Consultancies**

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

**2019- date:** The French Ministry of Foreign Affairs through Mikoko Project, Conservation and resilience of Kenyan mangrove forests

**2018- date:** The Nature Conservancy through Strengthening Mangrove Management in Lamu, Kenya project in collaboration with other local stakeholders

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

Include research grants won

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

**11.1. Local**

**11.2. Regional**

**11.3. International**

## **12. AWARDS AND RECOGNITION**

**2011-2012:** Social Sciences and Humanities Research Council of Canada, research grants via Kings University College, Edmonton, Canada

**2011-2012:** Centre for Sustainable Dryland Ecosystems and Societies, University of Nairobi Student Research Grants;

**2010-2012:** University of Nairobi Post-Graduate (MSc) Scholarship;

## **13. CONTRIBUTION TO KEFRIs ADVANCEMENT**

## **14. MEMBERSHIP TO PROFESSIONAL BODIES**

1. Forestry Society of Kenya
2. Ecological Society of Eastern Africa

## **15. REFEREES**

### **Dr. Dorothy Amwata**

South Eastern Kenya University

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### **Dr. Oscar Koech**

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