

**RESEARCHER ID :**

**SCOPUS ID :**

**ORCHID:** 0000-0002-4284-2420

**Position:** Assistant Research Scientist (Soils)

**1. PERSONAL INFORMATION**

**1.1. NAME**  Elema Mohamed Barisa

 **1.2. ADDRESS** P.O Box 20412-00200, Nairobi

 **1.3. PHONE** 0714834379

**1.4. EMAIL ADDRESS** elemah11@gmail.com or emohamed@kefri.org

**1.5. NATIONALITY** Kenyan

**1.6. GENDER** Male

**2. QUALIFICATIONS**

 **2.1. Academic Qualifications**

2009-2013: Bachelor of Science (BSc.) in Soil and Land Use Management, University of Eldoret, Eldoret, Kenya

**2.2. Key Competencies**

**2.3. Other Courses**

25th September – 27th September 2017: ISO 9001:2015 & ISO 14001:2015 (Integrated Management System) Transition Implementation and Impact Awareness Training, Marigat Sub- Regional Center - KEFRI.

3rd May–5th May 2017: Oil Spill Response Training, Kisumu- Kenya Maritime Authority

**3. EMPLOYMENT HISTORY**

January 2015 - Date: Assistant Research Scientist, Soil Science, Kenya Forestry Research Institute (KEFRI), P.O Box 20412 - 00200 Nairobi, Kenya.

**4. ADMINSTRATIVE RESPONSIBILITY**

**5. PUBLICATIONS**

**5.1. Journal papers**

**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. Component lead investigator in the project “Development of technologies for soil nutrients management and conservation. (2019-2021)”

 2. Component Co-investigator in the project “Tree-crop interactions and soil Productivity improvement in agroforestry systems. (2019-2021)”

**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**

7th -11th December 2020: participated in the writeshop on the valuation of ecosystem services of Mt. Kulal, Kitui, Kenya.

17th-19th April 2018: Participated in 5th KEFRI Scientific conference, Theme: “*Contribution of Forestry Research to Sustainable Development*”. At KEFRI Headquarters, Muguga, Kenya.

22nd June 2016: Participated in the National Forest Programme validation workshop, Merica Hotel-Nakuru, Kenya

29th July 2015: Participated in the baseline report validation workshop of on “*Scaling up sustainable land management and agro-biodiversity conservation to reduce environmental degradation in small-scale agriculture in western Kenya*” KALRO,Kakamega, Kenya.

**8.3. Convening/Coordinating Conferences**

**9. PROFESSIONAL ENGAGEMENT**

**9.1. Training**

1. 10th June-14th June 2019: Training on “*Carbon Benefit Project: Modelling, Measurement and Monitoring*” by Colorado State University at Itoya Hotel, Busia-Kenya

**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 KEFRIs ADVANCEMENT**

**14. MEMBERSHIP TO PROFESSIONAL BODIES**

**15. REFEREES**

 1. Dr. Eston Mutitu, Regional Director, Central Highlands Ecoregion Research Programme, P.O Box 20412-00200, Nairobi, Kenya. Email: estonmutitu@gmail.com

2. Dr. Stephen Omondi, Deputy Regional Director, Central Highlands Ecoregion Research Programme, P.O Box 20412-00200, Nairobi, Kenya. Email: stephenf.omondi@gmail.com