



**ORCHID:** <https://orcid.org/0000-0001-7217-4534>

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

## **PERSONAL INFORMATION**

**NAME:** ALICE ADONGO ONYANGO

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**NATIONALITY:** Kenyan

**GENDER:** Female

## **QUALIFICATIONS**

<b>2019-Current</b>	Egerton University	Master of Science in Natural Resources Management (Forest Resources Management Option)
<b>2007-2011</b>	Moi University, Chepkoilel Campus	Bsc.(Forestry)
<b>2002-2005</b>	Nyabururu Girls' High School	KCSE 72pts ; B+
<b>1994-2001</b>	Lake Primary School	KCPE – 377/500
<b>1993</b>	St. Teresa Nursery School	Promoted

## **Key Competencies**

- Teamwork
- Efficient service delivery
- Professional ethics

## **Other Courses**

- Seminar on the Implementation of United Nations Forest Instrument (UNFI) and Sustainable Forest Management for Developing Countries by Ministry of Commerce and National Forestry and Grassland Administration (NAFGA), China. Jul 21-Aug 3, 2021.
- Seminar on Natural Protected Areas Management and Biodiversity Conservation for the Belt and Road initiative countries by Ministry of Commerce and NAFGA, China. Sept 15-28, 2021.

- Seminar on Forestry addressing Climate Change and Sustainable Development for the Belt and Road initiative countries by Ministry of Commerce and NAFGA, China. Oct 20-Nov 2, 2021.
- Training on Hybridization of Pines and Eucalyptus species held in RVERP, Londiani, by CAMCORE & KEFRI, 2018.
- Certificate-Basic Information Technology-Sigotop Career Development College, 2007.

## **EMPLOYMENT HISTORY**

### **October 2016-Present: Kenya Forestry Research Institute**

#### **Position: Research Scientist (Silviculturist)**

**Duties:** Problem identification and analysis in forest plantation management and development, Coordinating and implementing multidisciplinary research projects, nursery operations and establishment and maintenance of seed orchards in different ecological sites.

### **Jan 2014-Dec 2015: Kenya Forestry Service (MMMB Project).**

#### **Position: Project Intern**

**Duties:** Forest Survey, Inventory and Statistics and Formulation of Plantation Forest Management Plans.

### **Oct 2011-Dec 2013: National Environmental Management Authority (NEMA)**

#### **Position: Volunteer**

**Duties:** Environmental inspections, Environmental Impact Assessment and Environmental Audits reviews, Report writing, Project evaluation and analysis.

### **May 2010-July 2010: Kenya Forestry Service (Dundori Forest Station, Nakuru)**

#### **Position: Intern**

**Duties:** Nursery practices, Silviculture, dendrology, forest patrol, Participatory Forest Management, Plantation establishment and Forest survey.

### **May 2009-July 2009: Kenya Forest Service (Nyanza Conservancy, Kisumu)**

#### **Position: Intern**

**Duties:** Tree nursery practices, preparation of tree nursery, documents and record keeping, Nomenclature and silviculture, introduction to enforcement and compliance, Structure of Kenya Forest Service, Kenya Forest Policy.

## **CONSULTANCIES**

### **MMMB (Government of Finland Support to Kenya) 2014-16.**

- Development of Plantation Forest Management Plans for Nakuru and Migori forest ecosystems.

### **EU-CEFA (European Committee for Training and Agriculture), 2013.**

- Preparation of Management Plan for Wire Forest and capacity building of communities around Wire in Rachuonyo South to sustainably manage the forest.

### **LVEMP II, 2012-13.**

- Proposal development and community training on sustainable livelihoods, environmental regulations, energy conservation and management for Beach Management Units (BMUs) in Kisumu and Homabay Counties.

## PUBLICATIONS

### *Book chapters*

Joram M. E. Mbinga, Stephen F. Omondi and **Alice A. Onyango** (2021) Conifers: Species Diversity and Improvement Status in Kenya in Conifers - Recent Advances. <https://www.intechopen.com/online-first/79264>. <https://doi.org/10.5772/intechopen.101111>

### *Journal papers*

**Onyango A.A.**, Angaine P.M., Mbinga J., & Owino J.O. (2021): Variations in *Cupressus lusitanica* Mill. seed yield and quality under different extraction conditions in Kenya. International Journal of Forestry and Horticulture. Vol 7, Issue 1, 1-8. DOI: <https://doi.org/10.20431/2454-9487.0701001>

Angaine P.M., **Onyango A.A.**, Ndung'u S.M., Inoti S.K., and Owino J.O. (2021): Influence of *Cupressus lusitanica* Mill. cones and seed characterization on germination in Kenya. Journal of Forests. Vol 8, Issue 2, pp 123-130, <https://doi.org/10.18488/journal.101.2021.82.123.130>

Angaine P.M, Ndung'u S.M., **Onyango A.A.**, Owino J.O. (2021): Effect of Desiccation and Storage Environment on Longevity of *Ehretia cymosa* Thonn. Seeds. Journal of Forests, <http://www.conscientiabeam.com/journal/101/abstract/6425#:~:text=DOI%3A%2010.18488/journal.101.2021.82.153.160>

**Onyango, A. A.**, Angaine, P. M., Inoti, S. K., & Owino, J. O. (2020). Patula pine (*Pinus patula*) cones opening under different treatments for rapid seed extraction in Londiani, Kenya. *Journal of Horticulture and Forestry*, 12(2), 63-69. <https://doi.org/10.5897/JHF2020.0633> . <https://academicjournals.org/journal/JHF/article-abstract/01539FC64055>

Owino, J. O., Angaine, P. M., **Onyango, A. A.**, Ojunga, S. O., & Otuoma, J. (2020). Evaluating Variation in Seed Quality Attributes in *Pinus Patula* Clonal Orchards using Cone Cluster Analysis. *Journal of Forests*, 7(1), 1-8. DOI: 10.18488/journal.101.2020.71.1.8

Angaine, P. M., **Onyango, A. A.**, & Owino, J. O. (2020). Morphometrics of *Pinus patula* crown and its effect on cone characteristics and seed yield in Kenya. *Journal of Horticulture and Forestry*, 12(3), 94-100. <https://doi.org/10.5897/JHF2020.0635>

Otuoma, J., Nyongesah, J. M., Owino, J., **Onyango, A. A.**, & Okello, V. S. (2020). Ecological Manipulation of *Psidium guajava* to Facilitate Secondary Forest Succession in Tropical Forests. *Journal of Ecological Engineering*, 21(7), 210-221. <https://doi.org/10.12911/22998993/125586>

### *Posters*

Mbinga J., **Adongo A** and Siko R.: Growth and yield of selected high quality genetic stock of *Eucalyptus grandis* Commercial Forestry Conference and Expo 2021 Book of Abstracts, pg 70. [www.kefri.org/assets/documents/KFCIC%20and%20Expo%20Book%20of%20Abstracts%20and%20Programme%20Final.pdf](http://www.kefri.org/assets/documents/KFCIC%20and%20Expo%20Book%20of%20Abstracts%20and%20Programme%20Final.pdf)

Angaine P., **Adongo A** and Owino J.: *Pinus patula* seed collection and processing for improved yield, Commercial Forestry Conference and Expo 2021 Book of Abstracts, pg 70. [www.kefri.org/assets/documents/KFCIC%20and%20Expo%20Book%20of%20Abstracts%20and%20Programme%20Final.pdf](http://www.kefri.org/assets/documents/KFCIC%20and%20Expo%20Book%20of%20Abstracts%20and%20Programme%20Final.pdf)

## CONFERENCES/SEMINARS/WORKSHOPS

### *Participation in Workshops/Conferences*

- International webinar on **Avoiding rejection: How to successfully navigate the publishing process** organized by Taylor and Francis Group, 9<sup>th</sup> December, 2021.
- International **Conference on Forest Education** jointly organized by FAO, ITTO, and IUFRO, 22<sup>nd</sup>-24<sup>th</sup> June 2021.
- International webinar on **Regional Consultation on Forest Education Workshop for Africa** jointly organized by FAO, IUFRO, ITTO and ANAFE, 2<sup>nd</sup> February, 2021.
- International webinar on **Bamboo Bioengineering Towards Developing Entrepreneurship and Conserving Natural Resources** jointly organized by Central Agricultural University, Pusa, Bihar and International Bamboo and Rattan Organization (INBAR), 24<sup>th</sup> September 2020.

## MEMBERSHIP TO PROFESSIONAL BODIES

- Forestry Society of Kenya (Membership Number: **FSK/F/0498**)

## REFEREES

### 1. Dr. Edward Mengich

Kenya Forestry Research Institute

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### 2. Mr. Luke Njuguna

Kenya Forest Service

Mobile: 0722429598

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### 3. Mr. John Maniafu

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