



the wood residues produced and their uses; and the service lives for the end-use products in the domestic market.

The thesis will be submitted in February 2022 and I have planned several publications from this research. Once I submit my thesis, I will be working as a post-doctoral fellow on a project that will update the existing wood products database, a follow-up study to my PhD. The project aims to provide updated estimates of NZ specific harvested wood products (HWP) service live values based on a detailed understanding of major end-uses. This is important because HWP consumption and markets are subject to regular fluctuations, thus, there is need for regular assessment to capture these changes. This project has been funded by the The Ministry of Primary Industries (MPI) through the Greenhouse Gas Inventory Research Fund.

## **5. PROFESSIONAL ACTIVITIES AND ACHIEVEMENTS (Memberships, Editorial boards, professional society leadership roles, awards, honors)**

**Member**, Society of Wood Science and Technology (2017-); New Zealand Institute of Forestry (2011-).

**President**, University of Canterbury Postgraduate Student Association 2019

**Student Representative**, Postgraduate Committee, University of Canterbury 2019

**Department Examination and Timetabling Coordinator**, UoK, Kenya 2015 - 2017

### **Honors and Awards**

#### **Title: The Greenhouse Gas Inventory Research Fund**

Amount and awarding body: NZD 120,000; The Ministry of Primary Industries (MPI), 2021

#### **Title: The UC School of Forestry Research Continuation Scholarship**

Amount and awarding body: NZD 25,000; The University of Canterbury, 2021

#### **Title: University of Canterbury's Annual Postgraduate Poster Competition**

Winner Third Place and People's Choice (\$200; June 2018)

#### **Title: Forestry Department Forest Carbon Scholarship**

Amount and awarding body: USD 1500; Michigan State University Forestry Department, 2018

#### **Title: New Zealand Government Development Scholarship**

Amount and awarding body: Full tuition and monthly stipend for duration of MSc. University of Canterbury, 2010-2013

## **6. PUBLICATIONS (3-5 most important contributions (publications, seminars, graduates, etc.)**

Anderson, E., Boakye-Danquah, J., Lasaratie, P., **Wekesa**, A. (2021, June 22 – 24). Addressing gender and ethnicity in forest education. [Speaker]. International Conference on Forest Education, Online.

Otago Daily Times, 25 March 2020. Hope research will help NZ hit target.

<https://www.odt.co.nz/rural-life/rural-life-other/hopes-research-will-help-nz-hit-target>

**Wekesa**, A., Manley, B., and Evison D. (2019, October 20 - 25). *The contribution of the New Zealand forest harvest to greenhouse gas emission reduction*. [Paper presentation]. The 2019 International Convention of the Society of Wood Science and Technology (SWST), California, USA.

**Wekesa**, A., Manley, B., and Evison D., (2019, September 29 – October 5). *The estimation and modelling of carbon stocks from harvested wood products in New Zealand*. [Paper presentation]. The XXV IUFRO World Congress, Curitiba, PR, Brazil.