
Tyson Parmutia Makui

P. O. BOX 177,
Kitengela

+254 729 636 157 / +36 205979449

parmutia.makui@gmail.com

<https://parmutia.netlify.app/>

<https://www.linkedin.com/in/parmutia-makui/>

Skills

R and RStudio, data management
data analysis, data visualization
Information communication
Electronic data collection
Social network analysis
LATEX

An experienced and multi skilled data specialist by profession not only in statistical analysis but also passionate about evidence based decision making. Through experience, I have gained skills in research, electronic data collection, data management, data analysis and communication. I am seeking a position where my skills and experience can contribute to improved efficiency and informed decision making thereby contributing to organizational growth.

Experience

World Agroforestry (ICRAF) / Data Scientist

Research Methods Group (RMG)

October 2019 - August 2021, Nairobi

Contribute to use of improved digital and electronic data collection systems within ICRAF's projects.

Lead novel data analysis and data mining approaches of survey data

Provide guidance and mentoring to researchers on statistical data analysis of survey data using R packages

World Agroforestry (ICRAF) / Junior Statistician

Research Methods Group (RMG)

June 2016 - September 2019, Nairobi

Support all ICRAF projects and scientists in data analysis and data mining of survey data.

Support training and capacity building activities of ICRAF projects and regions in research methods.

Carried out R training within the ICRAF R users community.

World Agroforestry (ICRAF) / Data Assistant

Research Methods Group (RMG)

June 2015 - May 2016, Nairobi

Data management and analysis using R of socio-economic data from 25 sites in 8 different regions, covering 13 countries.

Support in writing research papers and reports

Ensuring all analysis is reproducible to enhance transparency

Education

Corvinus University of Budapest / MSc. Public Policy and Management

September 2021 - June 2023, Budapest, Hungary

Major: Public Policy

Minor: Management

Maseno University / BSc. Applied Statistics with I.T

September 2008 - November 2012, Maseno, Kenya

Major: Applied Statistics

Minor: Information Technology and Mathematics

Publications

- Brian Chiputwa, Priscilla Wainaina, Tebila Nakelse, Parmutia Makui, Robert B. Zougmore, Ousmane Ndiaye, Peter A Minang (2020). Transforming climate science into usable services: The effectiveness of co-production in promoting uptake of climate information by smallholder farmers in Senegal.
- Zinngrebe, Y.; Borasino, E.; Chiputwa, B.; Dobie, P.; Garcia, E.; Gassner, A.; Kihumuro, P.; Komarudin, H.; Liswanti, N.; Makui, P.; Plieninger, T.; Winter, E.; Hauck, J.; (2020) Agroforestry governance for operationalising the landscape approach: connecting conservation and farming actors, Sustainability Science 15(5)
- Chiputwa, B.; Wainaina, P.; Makui, P.; Nakelse, T., Zougmore, R.; Ndiaye, O. (2018) Evaluating the Impact of the Multidisciplinary Working Group Model on Farmers' Use of Climate Information Services in Senegal, Washington, D.C., United States Agency for International Development.
- Duguma, L. A., P. A. Minang, D. Foundjem-Tita, P. Makui, and S. Mandiefe Piabuo. 2018. Prioritizing enablers for effective community forestry in Cameroon, Ecology and Society 23(3):1.
- Bourne, Mieke; Gassner, Anja; Makui, Parmutia; Muller, Alice; Muriuki, Jonathan, A network perspective filling a gap in assessment of agricultural advisory system performance, Journal of Rural Studies, 50, 2017, pp. 30-44
- Gachuri, Agnes; Carsan, Sammy; Karanja, Esther, Makui, Parmutia, Kuyah, Shem, Diversity and importance of local fodder tree and shrub resources in mixed farming systems of Central Kenya, Forests, Trees and Livelihoods, Vol 26, Issue 3, 2017.
- Nderitu, M. W; Oludhe, C; Ali, A. A; Omondi, P; Makui, P; Analysis of Rainfall and Temperature Variability in Kieni; Nyeri County, 2016