

CURRICULUM VITAE

Park Muhonda
517 S Main St,
White River Junction, VT 05001
Cell: +13042169052
Email: parkmuhonda@gmail.com or Park.M.Muhonda@dartmouth.edu

EDUCATION QUALIFICATIONS

- PhD Geography – West Virginia University (2019)
- Master of Science in Integrated Water Resources Management - University of Zimbabwe and University of the Western Cape (2011)
- Bachelor of Education Majoring in Geography (distinction) -University of Malawi (2007)
- Diploma in Exchange for Development (distinction) - Volda University College, Norway (2007)

ACADEMIC AWARDS

- University of Malawi Best Student - National Bank Awards (2005)
- University of Malawi Best Student Chancellor's Awards (2007)

PUBLICATIONS

- Muhonda, P. et al., (2014) Analysis of institutional mechanisms that support community response to impacts of floods in the middle-Zambezi river basin, Zimbabwe. Physics and Chemistry of the Earth, Parts A/B/C Volumes 76–78, 2014, Pages 64–71
- Alex de Sherbinin, Anamaria Bukvic, Guillaume Rohat, Melanie Gall, Brent McCusker, Benjamin Preston, Alex Apotsos, Carolyn Fish, Stefan Kienberger, Park Muhonda, Olga Wilhelmi, Denis Macharia, William Shubert, Richard Sliuza, Brian Tomaszewski, Sainan Zhang (2019) Climate vulnerability mapping: a systematic review and future prospects. *WIREs Climate Change*, Volume 10, Issue 4 July/August 2019

MANUSCRIPTS SUBMITTED FOR PUBLICATIONS

- Title: Has the rainfall in Malawi changed, and do farmers perceive change?
Submitted for publication as a book chapter in Routledge Handbook of Development and Environment
Authors: Park Muhonda, Brent McCusker, Jamison Conley, Eungul Lee, Bradley Wilson, Edward Carr

MANUSCRIPTS IN PREPARATION FOR PUBLICATIONS

- Title: Spatial analysis of shocks to livelihood systems and their contributing factors in Niger, Uganda, Ethiopia, Malawi, and Bangladesh.
We are targeted for publication in *World Development*
Authors: Brent McCusker, Jamison Conley, Timothy Essam, Patrick Gault, Laura Hughes, Park Muhonda
- Title: Who benefits from usipa? Mapping the distribution of nutrition and livelihood benefits along the usipa value chain
Authors: Park Muhonda and Abigail Bennett

RESEARCH EXPERIENCE

- **Research Associate (Postdoc):**
I am currently working with Dr. Luis F. Alvarez Leon in Critical Geospatial Lab at Dartmouth College, Department of Geography as Research Associate (Postdoc) on a project that uses a combination of geospatial analysis and just transition analysis to understand the spatial and socio-economic dimensions and implications of energy transition i.e. how the geographic distribution of electric vehicles usage, ownership and infrastructure in the USA and access to electricity through rural electrification program in Malawi relate to patterns of socio-economic stratification.
- **Research Associate (Postdoc):**
Worked with Department of Fisheries and Wildlife of Michigan State University, as a Research Associate (Postdoc) on a research project that investigates fish trade and food security in Malawi. The project aims to enhance knowledge on fish value chains with a particular focus on contribution to food security, and small-scale fish workers' livelihoods, and issues of gender.

- **Consultant:**

Was engaged as a consultant by Food and Agriculture Organization of the United Nations (FAO) to review and synthesise literature, conduct surveys and FGDs to collect data in Malawi and contribute to drafting and editing the report for a global study by FAO in collaboration with WorldFish and Duke University titled “Illuminating Hidden Harvests (IHH)”. The study quantifies the contributions of small-scale fisheries (SSF) to the three dimensions of sustainable development (social, economic and environmental), including aspects related to nutrition and governance, at global and local scales?

- **Research Assistant (GRA):**

Worked as graduate research assistant on two USAID funded research projects, with Dr. Brent McCusker of West Virginia University, titled: i) **Climate Forecasting, Adaptation Backcasting: Promoting Resilient Adaptation in Malawi** and ii) **Livelihood Analysis and Vulnerability Mapping in Malawi, Ethiopia, Bangladesh, Uganda and Niger**. I was responsible for field data collecting - conducting household surveys, key informant interviews and focus group discussions in southern and northern Malawi, processing socioeconomic panel data i.e. World Bank’s Living Standards Measurement Study (LSMS), Integrated Household Survey data sets and USAID Demographic and Health Survey (DHS data in STATA and R to create a standardized livelihoods analysis data sets, and link it to precise location/spatial data in ArcGIS. I was also involved in Spatial analysis of shocks to livelihood systems and their contributing factors in Niger, Uganda, Ethiopia, Malawi, and Bangladesh.

PROJECT MANAGEMENT EXPERIENCE

Worked with Church and Society Programme of CCAP Synod of Livingstonia as Project Manager & Monitoring, Evaluation and Learning Manager (2012 – 2014). I was responsible for development of project proposals, implementation of projects and project monitoring and evaluation. I implemented and managed the following projects:

- Strengthening Child Protection System in Karonga District with funding from Plan International. The project helped to raise awareness on rights of children in the district and strengthened capacity of children and youths to influence duty bearers to protect their right to protection against violence. The project also helped to mobilize and facilitate establishment of community child protection structures and empower them through trainings and workshops to support curbing structural causes of violence against children and youths. Through the project vulnerable children and some children who were victims of abuse and violence were able to realize their rights through the increased support of various duty bearers fulfilling their obligations.
- Community-based monitoring of public service delivery with funding from Kalondolondo a consortium of Plan Malawi, ActionAid, and CONGOMA. The project facilitated monitoring of delivery of services in the health, agricultural, water, education sectors using scorecard process in Mzimba district. The project created platforms (community and district and national interface meetings) through which local communities gave feedback to and engaged with authorities. As a result of the project delivery of public services in the district improved and communities were empowered and started assessing delivery of public services and engaging duty bearers in their areas.
- Advocacy campaign for an inclusive, transparent and accountable extractive industry in parts of Rumphi and Mzimba districts of Northern Malawi with funding from Norwegian Church Aid. Through the project we facilitated establishment of community structures and empowered community members with knowledge and skills for engaging the government authorities and mining companies to be more inclusive, transparent and accountable in their operations for the betterment of the communities
- Improving women’s socio-economic status: integrating rights-based approaches and village savings and loans in Mzimba district with funding from DanChurchAid. Through the project we mobilized rural communities to form village saving and loan associations. The project raised awareness of rights and built skills on microfinance and entrepreneurship. The project among others increased access to microfinance services for vulnerable rural women in Mzimba; improved linkages to market opportunities for vulnerable rural women in Mzimba. The project contributed to the reduction of women’s vulnerability to poverty, reducing gender inequalities and rights abuses by increasing women’s access to economic and productive resources.

TEACHING EXPERIENCE

Full Graduate Instructor in Geography: 2018 - 2019

West Virginia University (Department of Geology and Geography)

- Teaching World Regions

Part Time Lecture: 2011- 2012

Share World Open University

- Teaching water resources management second year student - BSc in Managing Rural & Community Development
- Supervising student's research projects

Secondary School Teacher

Government of Malawi; Ministry of Education, Science and Technology 2007 - 2009

- Teaching geography
- Guiding and counseling students

QUALITATIVE AND QUANTITATIVE SOFTWARE SKILLS

- Practical knowledge and experience using NVivo (software for Qualitative data analysis)
- Practical knowledge and experience using SPSS (Software for statistical analysis)
- Practical Knowledge and experience using STATA (Software for statistical analysis)
- Practical knowledge and experience using R (Software for statistical analysis)
- Practical knowledge and experience using ERDAS IMAGINE (software for Remote Sensing)
- Practical knowledge and experience using ArcMap (Software for GIS and Remote Sensing)

HOBBIES

Swimming, Reading, Watching TV

REFEREES

Dr. Luis F. Alvarez Leon

Assistant Professor

Department of Geography

Dartmouth College

Cell: +1 (310)8900691

Email: Luis.F.Alvarez.Leon@dartmouth.edu

Mr. J.B Chimphamba. (Lecturer)

Geography and Earth Sciences Department,

Chancellor College, University of Malawi,

P.O. Box 280, Zomba Malawi.

Cell: +265881515762,

Email: chimphambaj@gmail.com

Dr. Abigail Bennett

Assistant Professor

Global Inland Fisheries Ecology and Governance

Department of Fisheries and Wildlife

Michigan State University

Cell: +1 (734) 657-5301

Email: benne592@msu.edu

Mr. M. Mkandawire (Director)

Church and Society Programme

P.O. Box 112

Mzuzu

Cell: +265 881 022 212

E-mail: churchsociety@sdpn.org.mw

Dr. Brent McCusker

Associate Chair for Geography

Professor of Geography

West Virginia University

Morgantown, WV 26506

Brent.mccusker@mail.wvu.edu

Tel: +13042934025
