

Picture



Name: DUSABE MARIE CLAIRE

Current Appointment: Research associate

E-mail: dusclaire @yahoo.fr, dusclaire25@gmail.com

Area of Research/Teaching

Research associate to University of Rwanda-Nyagatare campus in field of fresh water quality; Lab and field technician in project entitled “Environmental flow requirements of two dammed tropical rivers of the Congo Basin (Eastern Democratic Republic of Congo)” based in ISP Bukavu.

Biography/Tell us about yourself

I, Marie Claire DUSABE, a muster student from Mbarara University of science and technology in Biology department , presently I hold a Research Assistant position for the Project entitled “In praise of Pastoralism”, assessing the impacts of Pastoralism on fresh water quality using macro-invertebrates as indicators in the Umutara rangeland of the Eastern Province of Rwanda.

I am also, Lab and field technician in project entitled “Environmental flow requirements of two dammed tropical rivers of the Congo Basin (Eastern Democratic Republic of Congo)” based in ISP Bukavu. Both the project and the masters program helped me in growing up in the field of freshwater. In September 2013, I graduated with a Bachelor degree with honors in Wildlife and Aquatic Resources Management (WLARM) from the University of Rwanda. The four years undergraduate program in the Department of WLARM formed the basis of my perseverance towards achieving an in-depth knowledge in the field of fresh water quality management. After my undergraduate studies, being the first woman performer in WLARM, was selected as a candidate to attend the International Field School on understanding fresh water ecology as the basis for sustainable ecosystem management. After this training, I was fascinated by being much involved in researches concerning environmental conservation and so carried out a research project, “Fresh water quality and diversity of Rwandan rivers draining into Lake Kivu” On **fifty three rivers belonging in 29 catchment areas**” this project was reported to the Department of Animal Ecology and Systematics, Justus-Liebig, University Giessen, Germany sponsored by Prof Dr. Christian Albrecht a senior lecturer from that University, after this research I was invited twice to Germany where I learnt more about identification of macrozoobenthos and DNA sequencing.

In February 2016, I was invited to attend the workshop in Applying freshwater insects in biodiversity monitoring, planned in KwaZulu-Natal where we learnt more about different field technique used in field of freshwater quality and identification of Odonata, Ephemeroptera and Trichoptera on genus level, being much involved in research after these trainings ,I came up with different ideas about Rwanda water bodies belonging in both Congo and Nile river basin, where I am convinced that once get grant ,I will provide database with great importance to our country.

Name: Dusabe Marie Claire



2015 – Current Masters of Science in Biology program, Mbarara University of Science and Technology-Uganda

2010 - 2013 Bachelor of Science in Wildlife and Aquatic Resources Management, Umutara, Polytechnic (University of Rwanda-Nyagatare Campus)

Research Interests :

My master thesis on “Assessment of water quality and macroinvertebrates diversity of 3 rivers passing in Mutara rangeland

Accomplishments: Wronski, T., Dusabe, M.C., Apio, A., Hausdorf, B. & Albrecht, C. (2015) Biological water quality and biodiversity of Rwandan rivers draining into Lake Kivu. *Aquatic Ecology*

Cyubahiro, E., Dusabe, M.C., Niyoyita, P., Kabega, A.J. & Apio, A. (2015) Update on buffalo in the Volcanoes NP, Rwanda. *Gnusletter Special Issue 1 2015: 24-26.*



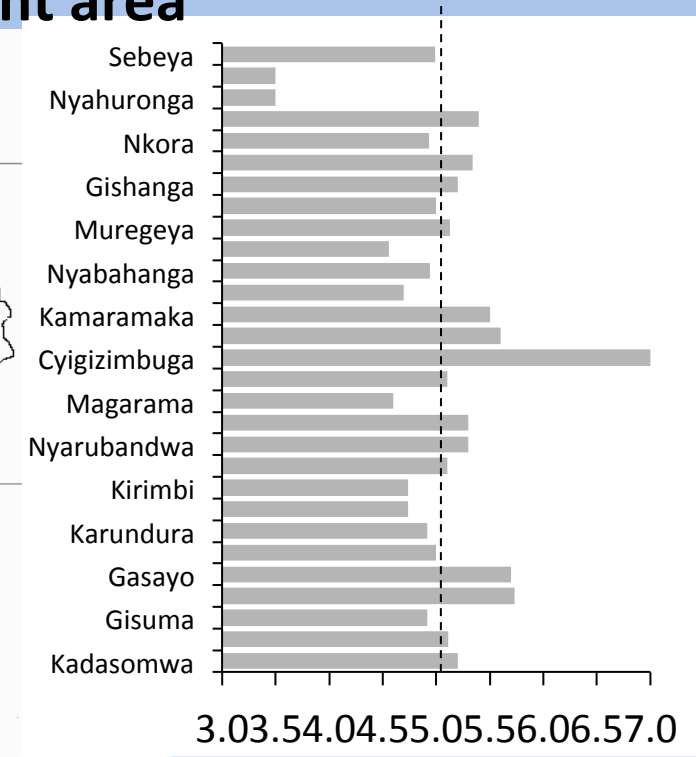
Solting macroinvertebrates in sesse island-Uganda



Result on Fifty three rivers belonging in 29 catchment area



A case of Rusizi river, polluted shower environment



Average Score Per Taxon (ASPT)