

## CURRICULUM VITAE

### PERSONAL INFORMATION



Name: Ruben Ruhekenya Muhune  
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 Email: [rubmuhuner@gmail.com](mailto:rubmuhuner@gmail.com)  
 Mobile: +49 15738169183, +31 613195606  
 Gender: Male  
 Birth: Bukavu, 19th November 1997  
 Nationality: Congolese (D.R. Congo)

### EDUCATION

From April 2023: PhD in Earth Sciences at Vrije Universiteit Amsterdam (Netherlands).  
 November 2020 – February 2023: Master's degree in Geomaterials and Geochemistry  
 co-organized by Ludwig-Maximilians University (LMU) Munich  
 and Technical University of Munich (TUM) in Germany (Grade: 1.84).  
 October 2018- November 2020: Licence degree in Geology  
 Grade: 72,0% (Distinction)  
 Faculty of Sciences and Applied Sciences  
 Université Officielle de Bukavu (D.R. Congo)  
 15th October 2015- 31st July 2018: "Graduate" degree in Geology  
 Grade: 76,8% (Distinction)  
 Faculty of Sciences and Applied Sciences  
 Université Officielle de Bukavu (D.R. Congo)  
 September 2009- July 2015: Secondary studies: High school degree (Diplôme d'État) : Grade : 79%  
 Bwindi High School, Bukavu (D.R. Congo)

### TRAININGS

15-18 Nov 2022: Participation to the School *GRANITES III. "Magmas, volatiles and metallogenic processes"* at the ISTO Orléans, France.  
 28<sup>th</sup> Oct-1<sup>st</sup> Nov. 2021: Fall Academy on "The European Green Deal"  
 At the European Academy Otzenhausen (Germany)  
 17th-19th March: Seminar on Transparency in the Extractive Sector in D.R. Congo  
 2020 Organized by ITIE and CEGEMI at Catholic University of Bukavu  
 3rd-12th Aug. 2012: « Second UEA-ESRI GIS Summer School »  
 4th-13th July 2013: « First UEA-ESRI GIS Summer School »  
 Certificate in GIS at the Université Evangélique en Afrique (DR Congo)

### WORK EXPERIENCE AND VOLUNTEERING

From April 2023: PhD student at VU Amsterdam  
 December 2022: Working student in the Department of Geosciences at LMU Munich  
 Jan. to March 2022: Research assistant in the Department of Geosciences at LMU Munich  
 Nov. –Dec. 2019: Internship at the Provincial Mining Division of Sud-Kivu (DR Congo)  
 June 2019- Dec. 2020: President of the Scientific Commission of the Geosciences Club at  
 l'Université Officielle de Bukavu (DRC).

Oct 2017- Nov. 2020: Secretary of the Protestant Chaplaincy of the Université Officielle de Bukavu from 2017 to November 2020.

Sept. 2014- June 2015: Coordinator of the ‘Groupe Biblique Universitaire et Scolaire (GBUS)’ at Bwindi High School.

### RESEARCH EXPERIENCE

- March – September 2022: Master thesis in experimental petrology. Subject: *High-pressure synthesis of carbonate glass in the system  $K_2CO_3$ - $MgCO_3$ - $H_2O$ -( $CuO$ ): Experimental constraints on hydrous carbonate melt mobility at 1 GPa.*  
Supervisor: Prof. Dr. Daniel Weidendorfer
- January – March 2022: Student research assistant in the project “*Metal mobilisation in ultramafic rocks due to serpentinization: textural and mineralogical characterization*”. Supervisor: Dr. Malte Junge
- 2019-2020: Bachelor thesis: “*Contribution to the geological study of Mulongwe-Kalimabenge sector: Petrographic and structural approach*”. Supervisors: Prof. Dr. Jacques Batumike, MSc Guy Ilombe, Toussaint Mushamalirwa
- 2017-2018: Dissertation: “*Historic and impact of artisanal mining in D.R. Congo: case of coltan in Sud-Kivu.*” Supervisor: Prof. Dr. Charles Nzolang

### PUBLICATION

Weidendorfer, D.; Hess, K-U.; Ruhekenya, R.M.; Schawe, J.; Wilding, M. & Dingwell, D.B. (2023). Effect of water on the glass transition of a potassium-magnesium carbonate melt, *Phil.Trans.R.Soc.A381:20220355*. <https://doi.org/10.1098/rsta.2022.0355>

### PERSONAL SKILLS

**Languages:**

- Swahili : Fluent
- French : Fluent
- English : Fluent
- German : Basic

**Software:** MS Office, R, ArcGIS, QGIS, iOGAS, Surfer and Wintensor.

**Management skills:** I can lead, manage and work in a multicultural and diverse group.

**Awards:**

- “Sur-place” Scholarship of the Konrad Adenauer Foundation office in D.R. Congo (January-December 2020)
- Master scholarship of the European and International Cooperation (EIZ) Department of the Konrad Adenauer Stiftung (Oct. 2020- Nov. 2022)

### REFERENCES

Dr Janne Koornneef Associate Professor in Isotope Geochemistry, Department of Earth Sciences, VU Amsterdam, Netherlands. Phone: +31 20 59 81824 Email: <a href="mailto:j.m.koornneef@vu.nl">j.m.koornneef@vu.nl</a>	Prof. Dr. Daniel Weidendorfer Professor in Geochemistry, Department of Earth and Environmental Sciences LMU Munich, Germany. Phone : +49 89 2180 4274 Email: <a href="mailto:d.weidendorfer@lmu.de">d.weidendorfer@lmu.de</a>	Prof. Dr. Charles NZOLANG Department of Geology, Faculty of Sciences, Université Officielle de Bukavu. Phone : +243 975 946 090, +250 787 267 439 Email : <a href="mailto:nzolang@gmail.com">nzolang@gmail.com</a>
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I certify that all the information furnished in this document is sincere and accurate.

Ruben Ruhekenya Muhune