

Personal Information:

- **Date of Birth:** March 19, 1988
 - **Nationality:** Rwandan
 - **Gender:** Male
 - **Marital Status:** Married
 - **Phone:** +250 788 688 357
 - **E-mail:** placent27@gmail.com
 - **Address:** Nyarugenge District, Kigali City, Rwanda
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Educational Qualifications:

- **Ph.D. in Geochemistry (2019-2023)**
 - China University of Geosciences, Wuhan
 - GPA: 4.2/5.0 (Very Good)
 - **M.Sc. in Geology (Regular) (2013-2015)**
 - Annamalai University, India
 - OGPA: 7.93/10 (79.3%) – First Class
 - **Postgraduate Diploma in Petroleum Exploration (2013-2014)**
 - Annamalai University, India
 - **B.Sc. in Applied Chemistry (Regular) (2009-2012)**
 - Kigali Institute of Science and Technology, Rwanda
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Professional Experience:

- **Managing Director & Chief Geochemist (Mar 2025 – Present)**
 - PPL GeoResearch Hub, Kigali, Rwanda

- **Senior Geochemist** (Mar 2025 – Present)
 - Center for Earth and Natural Resource Sciences (CENRS), Kigali, Rwanda
 - **Part-time Head of Research and Consultancy Department** (Mar 2025 – Present)
 - Structure Stone, Kigali, Rwanda
 - **Part-time Senior Geologist** (Jul 2023 – Feb 2025)
 - Structure Stone, Kigali, Rwanda
 - **Seismology Stations Technician** (Dec 2017 – Sept 2018)
 - Rwanda Mines, Petroleum, and Gas Board (RMB)
 - **Seismologist** (Feb 2017 – Nov 2017)
 - Rwanda Mines, Petroleum, and Gas Board (RMB)
 - **Seismologist** (Oct 2016 – Feb 2017)
 - Rwanda Natural Resources Authority (RNRA)
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Areas of Interest:

- Geochemistry, Mineralogy, Petrology, Ore Deposits, Mining, and Economic Geology
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Language Skills:

- **English:** Fluent (Speaking, Writing, Reading, Listening)
 - **French:** Fluent (Speaking, Writing, Reading, Listening)
 - **Chinese:** Good (Speaking, Writing, Reading, Listening)
 - **Kinyarwanda:** Native (Speaking, Writing, Reading, Listening)
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Technical Expertise:

- **Geochemical Analysis:** LA-ICP-MS, LA-MC-ICP-MS, SEM-EDS, EMPA
- **Geological Software:** ArcGIS, Python, Origin Pro, MapInfo, Erdas Imagine
- **Seismological Software:** Seisan, SeisComp3

- **Data Analysis:** SPSS
 - **Other Tools:** Microsoft Office, Adobe Photoshop
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Certifications:

- **IELTS:** Overall Band Score – 6.0
 - **TCF (Test de Connaissance du Français – Canada):** Level B2
 - **HSK (Hanyu Shuiping Kaoshi):** Overall Band Score – 256
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Field Experience:

- Geological exploration in northern and southern Rwanda
 - Structural mapping in Dindigul District, Tamil Nadu, India
 - Mining geology orientation in Joda region, Odisha, India
 - Paleontological field training in Ariyalur region, Tamil Nadu, India
 - Resistivity survey in Ariyalur area, India
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Publications:

1. Uwamungu, P., Chen, W., Zhao, X.F., Zhao, K.D., Jiang, S.Y., 2023. Evolution of Fe-Ti oxides within the Tiechagou carbonatite-related iron deposit: Insights from texture and in-situ chemical compositions of magnetite and ilmenite. *Ore Geology Reviews*, 105439. <https://doi.org/10.1016/j.oregeorev.2023.105439>
2. Munganyinka, J.P., Habinshuti, J.B., Komadja, G.C., Uwamungu, P., et al., 2022. Optimization of Gold Dissolution Parameters in Acidified Thiourea Leaching Solution. *Metals*, 12(10), 1567.
3. Nafouanti, M.B., Li, J., Mustapha, N.A., Uwamungu, P., et al., 2021. Prediction on the fluoride contamination in groundwater at the Datong Basin. *Applied Geochemistry*, 132, 105054.
4. Kalisa, I., Mugerwa, T., Ndikumana, J.D., Uwamungu, P., et al., 2016. An Integrated Study on Seawater Intrusion Using Geoelectrical Resistivity and GIS Techniques. *International Journal of Innovative Research in Science, Engineering and Technology*, 5(1), 133-140.

5. Nyirabuhoro, P., Mugerwa, T., Ndikumana, J.D., Uwamungu, P., et al., 2015. A Study on Sediments Depositional Mechanism. *International Journal of Engineering Research and General Science*, 3(6), 478-492.
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Awards and Scholarships:

- Chinese Government Scholarship (2018-2023) – Ph.D. at China University of Geosciences, Wuhan
 - Rwandan Government Scholarship (2013-2015) – Master’s at Annamalai University, India
 - Rwandan Government Scholarship (2009-2012) – Bachelor’s at Kigali Institute of Science and Technology
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Referees:

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