

## **CURRICULUM VITAE**

### **PERSONAL DETAILS**

**NAME:** Dr. Betty Nagudi

**NATIONALITY:** Ugandan

**CONTACT ADDRESS:** Department of Geology and Petroleum Studies, College of Natural Sciences, Makerere University Kampala

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### **UNIVERSITY EDUCATION**

| <b>University</b>    | <b>Certificate obtained</b>  |
|----------------------|--|
| Oct.1997-Mar 2001    | Doctorate degree in Geochemistry at the Institute of Geochemistry, University of Vienna, Austria.              |
| Oct. 1991-Sept. 1993 | Master of Science in Fundamental and Applied Quaternary Geology at Free University of Brussels (VUB), Belgium. |
| Oct. 1985-June 1988  | Bachelor of Science degree in chemistry and geology at Makerere University, Uganda.                            |

### **WORKING EXPERIENCE**

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|---------------------|---|
| Oct. 1988-Aug. 1991 | Teaching Assistant in Geology Department Makerere University.   |
| May 1995-Dec. 1995  | Trained and worked as a hydrogeologist (on-job training) with Rural Water and Sanitation Project (RUWASA) for eastern Uganda. |
| Nov. 1995-Jan. 1997 | Temporary Lecturer (6 month contract) in Geology Department, Makerere University.   |
| Jan. 1997-Jan. 2001 | Lecturer (2 years Contract), in Geology Department, Makerere University.  |
| Oct. 2001-June2015  | Lecturer (Permanent), Department of Geology and Petroleum Studies, Makerere University.                                       |
| July 2015-to date   | Senior Lecturer (Permanent), Department of Geology and Petroleum Studies, Makerere University                                 |

## **OTHER QUALIFICATIONS**

1. Certificate in French language
2. Certificate in German language
3. Certificate in Information Technology (EUTP)
4. Certificate in Isotope Hydrology (Regional and National Training)
5. Certificate in Solid Waste Management and Engineering
6. Certificate in Leadership and Management Dynamics for Individuals and Organisations
7. Certificate in Agrogeology
8. Certificate in Research Management
9. Certificate in Oil Development: Reservoir Geology Drilling Technologies
10. Certificate in Rift Tectonics and Sedimentation
11. Certificate in GeoCLASS Online Training

## **WORKSHOPS AND CONFERENCES CONVENEED**

1. The Second Biennial Conference of the Association of African Women Geoscientists, Mukono, Uganda, 25-27 October 2004.
2. Training Workshop in Agrogeology: “The use of rocks for crops in nutrient replenishment strategies”, Tororo, Uganda, 25<sup>th</sup> September - 4<sup>th</sup> 2006.
3. International Conference on the East African Rift System (EARS-07), Kampala, Uganda, 23-24 July 2007.
4. East African Petroleum Conference and Exhibition (EAPCE’ 11), Kampala, Uganda, 2-4 February 2011.

## **WORKSHOPS AND CONFERENCES ATTENDED**

1. The 18<sup>th</sup> Colloquium of African geology, Graz, Austria, 7-12 July 2000.
2. The International Regional Conference for Eastern Africa: Basement Geology, Groundwater, Mineral Resources and Mining Related Environmental problems in Eastern Africa, Kampala, Uganda, 7-12 September 2001.

3. The First Biennial Conference for African Women Geoscientists: Past Achievements and Future Challenges, Cape Town, South Africa, 22-24 October 2002.
4. The Second Biennial Conference of the Association of African Women Geoscientists, Mukono, Uganda, 25-27 October 2004.
5. Training Workshop in Agrogeology: “The use of rocks for crops in nutrient replenishment strategies”, Tororo, Uganda, 25<sup>th</sup> September – 4<sup>th</sup> October 2006.
6. European Geoscience Union General Assembly 2007, Vienna, Austria, 15-20<sup>th</sup> April 2007.
7. International Conference on the East African Rift System (EARS-07), Kampala, Uganda, 23-24 July 2007.
8. The RiftLink Workshop, Herz-Jesu Loster, Neustadt, Germany, 24-26 June 2008.
9. East African Petroleum Conference and Exhibition (EAPCE’11), Kampala, Uganda, 2-4 February 2011.
10. Workshop for the National Content Plan for the Petroleum Sector, Kampala, 18-19 February 2014.

### **SHORT COURSES ATTENDED**

1. A basic regional training course on isotope hydrology, organised by the International Atomic Energy Agency, 23-11 October 2002, Kampala, Uganda.
2. Leadership and Management Dynamics for individuals and Organizations, Entebbe, Uganda, 2-6 August and 4-8 October, 2004.
3. End User Training Program (EUTP), Makerere, 2 – 20 June 2003.
4. Solid Waste Management and Engineering, Delft, the Netherlands, 17 May-4 June 2004.
5. Training Course in Research Management, Mukono, Uganda, 14-18 August 2006.
6. GeoCLASS online training course (Geophysics), Makerere, Kampala, Uganda, 5-7 May 2010.
7. National training course in basic isotope hydrology, Makerere, Kampala, 6-10 December 2010.
8. Sedimentology and Facies Analysis, University of Bergen, Norway, 2-28 March 2012.

9. Course in Oilfield development: Reservoir Geology and Drilling Technologies by TOTAL Professors Association, 1-5 October 2012.
10. Rift Tectonics and Sedimentation, Makerere, Kampala, Uganda, February 2013.
11. Energy for Petroleum (EnPe) Financial Seminar, Dar es Salaam, Tanzania, 23<sup>rd</sup>-27<sup>th</sup> May 2018.
12. Energy for Petroleum (EnPe) Academic sharing Seminar from Trondheim, Norway, 26<sup>th</sup>-28<sup>th</sup> February 2019
13. Training workshop for Promotion of Geosciences in Uganda's Secondary Schools, Kampala, 19<sup>th</sup>-20<sup>th</sup> February 2015
14. Uganda National Commission for UNESCO Annual Review of FY:2018/19 and First Year Strategic Plan 2018-2025.
15. Scaling up Capacities on Environmental Management in the Oil and Gas Sector: Exploring Collaboration with Universities and National Training Institutions 09-11 December 2019 UN Compound, Gigiri, Kenya.

## **PUBLICATIONS**

1. Nagudi, B., Koeberl C., Kurat, G., 2003. Petrography and geochemistry of the Singo granite, Uganda: Interpretations and implications for the origin. *Journal of African Earth Sciences* 36, pp73-87.
2. Bauer, F.U., Glasmacher, U.A., Ring, U., Schumann, A., Nagudi, B., (2010). Thermal and exhumation history of the Central Rwenzori Mountains, Western Rift of the East African Rift System, Uganda. *International Journal of Earth Sciences, Special Issue, Long-term Rift Evolution*, 99 (7), pp 1575-1597.
3. Bauer, F.U., Karl, M., Glasmacher, U.A., Nagudi, B., Mroszewski, L., (2012). The Rwenzori Mountains of Western Uganda-Aspects on the evolution of their remarkable morphology within the Albertine Rift. *Journal of African Earth Sciences*, 73-74, pp44-56.
4. Bauer, F.U., Glasmacher, U.A., Ring, U., Karl, M., Schumann, A., Nagudi, B., (2013). Tracing the exhumation history of the Rwenzori Mountains, Albertine Rift, Uganda, using low-temperature thermochronology. *Tectonophysics*, 599, pp8-28.

## **MEMBERSHIP**

1. Member of Association of African Women Geoscientist.
2. Member of the Association of Uganda Women Scientist
3. Member of the Geological Society of Africa
4. Member of the Geological Society of Uganda
5. Member of the National Committee of International Geoscience and Geoparks Programme (IGGP)
6. Chairperson UNESCO Geoscience Committee (Uganda)

## **RESPONSIBILITIES**

1. Acting Head of Department on a number of occasions ranging from weeks to months amounting to a period of about 2 years.
2. Departmental representative on the College Training and Research Committee (GTRC).
3. Departmental representative on the College Timetable Committee.
4. Member of the Departmental Finance Committee.
5. Participated in the writing and coordination of the Masters program in Geology.
6. Coordinated the writing of the Masters program in Petroleum Geoscience.
7. Supervised 7 masters students to completion and 6 others are in their second/final year.

## **PROJECTS INVOLVED IN**

1. Sustainable Management of Mineral Resources Project (ended).
2. The RiftLink Project (ended).
3. The Energy and Petroleum (EnPe-Coordinator) Project (ended).

## **COURSES TAUGHT**

Petroleum Geology, Petroleum Geochemistry, Well Logging, Applied Geochemistry, Optical Mineralogy, Sedimentology and Facies Analysis, Sedimentation processes, Scientific Proposal and Report writing, Petrology, Isotope Geology and Geochronology, ore microscopy.

