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Education

- Visiting Scholar Department of Geography, McGill University, Jan-April, 2011.
- PhD in Environmental Science, University of Quebec in Montreal, Canada, June 2010-June 2013. GPA 4.15/4.3.
- Master of Science (Hons), Environmental Studies and Sustainability Sciences, Lund University Sweden, 2007-2009.
- Master of Science (Hons), Physical Geography, University of Buea, Cameroon, 2004-2006. GPA 3.25/4.
- Bachelor of Science (Hons), Geography and Minor in Economics, University of Buea, Cameroon, 1999-2002. GPA 2.99/4.
- GCE Advanced Levels in 4/4 papers, Cameroon College of Arts and Science Kumba, Cameroon, 1997-1999.
- GCE Ordinary Level in 9/10 papers Government High School Nyasoso, Cameroon, 1992-1997.
- First School leaving Certificate, Government Primary school Bonduma Bokoko Buea, Cameroon, 1986-1992.

Work Experience

- ◆ Researcher, Graduate Assistant and seminar coordinator at the ECO-MCS Laboratory at University of Quebec in Montreal, 2009-Present.
 - Duties:

1. Teach and evaluate tutorial classes in Forestry, Agriculture and Climate change under Prof Changhui Peng.
 2. Data analysis with softwares such as R programming, SPSS, Excel and Sigma Plot. Can perform all kinds of regression analysis, correlation analysis, chi square test of significance to verify the interactions between forests, climate change and agriculture.
 3. Writing of proposals on climate change, agriculture and forestry and Publishing peer review papers.
 4. Coordinating and organizing all seminars at ECO-MCS Laboratory by inviting different guest speakers and coordinating all related logistics such as accommodation, feeding and field trips.
- ◆ Reviewer/Editor of Springer's Journal called Water Quality, Exposure and Health, 2011-present.
 - Duties:
 1. Review of articles sent in to the editor and making recommendations for publication.
 - ◆ Reviewer/Editor of Science Domains International Journals 2011-present.
 - Duties:
 1. Review of articles sent to the editor and making recommendations for publication.
 - ◆ Graduate Research/Teaching assistant, University of Buea, Department of Geography Cameroon (Taught the following Undergraduate courses: Geo 204, Geo 203, Geo 417 and Geo 206, 2004-2007.
 - Duties:
 1. Teaching of undergraduate courses in agriculture, forestry and Climate Change.
 2. Evaluation of students through test and marking of scripts.
 3. Coordination, proposal writing and administration of the cholera epidemic research project from data collection, analysis to publication.
 - Examiner of AL Geography Papers, Cameroon General Certificate of Education Board.2004-2007.

- Researcher and Head of Geography Department and Senior lecturer of Geography, Economics and Mathematics at Presbyterian High School Besong-Abang, Mamfe Cameroon 2002- 2004.
 - Duties:
 1. Facilitating research on stream morphometry, cropping techniques and teaching of Geography to forms five six and seven students.
 2. Chairing/coordination of Geography departmental Board meetings as Head of Department of Geography.
 3. Preparing annual departmental reports for submission to the Principal.
 4. Evaluation of students and participation in the marking of the GCE Exams.

Publications in Peer Review Journals

- ◆ Epule, T.E., Peng, C., Lepage, L., Zhi, C. (2011). Forest loss triggers in Cameroon. A quantitative assessment using multiple linear regression approach. *Journal of Geography and Geology*, 3, (1), 30-40. Doi: 10.5539/jgg.v3n1p30.
- ◆ Epule, T.E., Peng, C., Moto, W.M., Ndiva, M, M. (2011). Well water quality and the occurrence of diarrheal disease cholera in four neighbourhoods of the city of Douala Cameroon. *Global Journal of Health Science*, 3, (2), 75-83. Doi: 10.5539/gjhs.v3n2p75.
- ◆ Epule, T.E., Peng, C., Ndiva, M.M. (2011). Methane Emissions from paddy rice fields: Strategies towards achieving a win-win sustainability scenario between rice production and methane emissions reduction. *Journal of Sustainable Development*, 4(6), 188-196. Doi:10.5539/jsd.v4n6p188.
- ◆ Epule, T.E., Peng, C., Lepage, L., Zhi, C. (2012). The Rainfall and deforestation dilemma for cereal production in the Sudano-Sahel of Cameroon. *Journal of Agricultural Science*, 4, (2), 1-10. Doi:10.5539/jas.v4n2p1. (PhD Thesis paper).
- ◆ Epule, T.E., Peng, C., Lepage, L., Balgah, S.N., Ndiva, M.M. (2012). Can the African food supply model learn from the Asian food supply model? Quantification with statistical methods. *Environment, Development and Sustainability*, 14(4), 594-610. Doi: 10.1007/s10668-012-9341-0.

- ◆ Epule, T.E., Peng, C., Lepage, L., Zhi, C., Balgah, S.N. (2012). The Environmental quadrupole: forest area, rainfall, CO₂ emissions and arable production interactions in Cameroon. *British Journal of Environment and Climate Change*, 2(1), 12-27.
- ◆ Epule, T.E., Peng, C., Lepage, L., Zhi, C. (2011). Poverty and Gender oriented vulnerabilities to food and water scarcity in Touroua, Cameroon. *Journal of Human Ecology*, 38(2), 81-90.
- ◆ Epule, T.E., Moto, W.M., Peng, C., Balgah, S.N., Nyagero, J.M., Lakati, A., Ndiva, M, M. (2013). Utilization rates and perceptions of (VCT) services in Kisii Central District, Kenya. *Global Journal of Health Science*, 5(1), 35-43. Doi:10.5539/gjhs.v5n1p35.
- ◆ Epule, T.E., Peng, C., Lepage, L., Zhi, C. (2013). The causes, effects and challenges of Sahelian droughts: a critical review. Minor Revisions submitted to *Regional Environmental Change*.
- ◆ Epule, T.E. (2007). Cameroon's poverty Alleviation Train: Short of fuel. *The Entrepreneur*. 1, (11). MISCAM. Available online at: http://www.entrepreneurnewsonline.com/2007/04/camerouns_pover.html

Conference Proceedings

- ◆ Epule, T. E. (2009). Microbiological indicators of well water pollution and probability of Cholera outbreaks and other Diseases. The case of some neighbourhoods in the city of Douala Cameroon. In The Journal of Solid Waste Technology and Management. ISSN 1091-8043, Widener University, Philadelphia, USA. Final Proceedings.
- ◆ Epule, T. E. (2006). Spatial Distribution of wells and the occurrence of Cholera in Douala Cameroon. The case of some neighbourhoods in the city of Douala Cameroon, Near East University Nicosia Cyprus. Final Proceedings the Environment Survival and Sustainability conference of 2006.

Conference Presentations/ Lectures

- Presentation of Paper at the 24th International conference on solid waste management and technology In Philadelphia USA March 15-18 2009. Titled Microbiological indicators of well water pollution and probability of Cholera outbreaks and other Diseases. The case of some neighbourhoods in the city of Douala Cameroon.

- Guest Lecturer at Sitting Bull College, Fort Yates, North Dakota, USA. March 2009.

PhD Project

- Simulating the causes and effects of deforestation in Cameroon: population vulnerability and response with statistical models.
- My research is at the interface between forest loss, climate change and food security in Africa and Cameroon.
- I use essentially statistical methods to analyse data on forest loss, climate change and food security. I also make use of remote sensing and GIS methods and data.

Awards

- 1999-2002, Bachelor of Science in Geography award of excellence, University of Buea.
- 2004-2006, Master Science in Geography award of excellence, University of Buea.
- 2007-2009, Swedish Institute merit based scholarship for developing Countries for Studies for a Master of Environmental and Sustainability Sciences at Lund University in Sweden.
- 2010-2011, NSERC Canada Discovery grant at ECO-MCS lab of the University of Quebec in Montreal.
- 2010-2011, FARE PhD scholarship of excellence of the faculty of science of the University of Quebec in Montreal.
- 2011-2012, NSERC Canada Discovery grant at ECO-MCS lab of the University of Quebec in Montreal.
- 2011-2012, FARE PhD scholarship of excellence of the faculty of science of the University of Quebec in Montreal.
- 2011-2012, Scholarship of academic excellence from the Foundation of University of Quebec.
- 2012-2013, Scholarship of academic excellence from the Fondation J.S De Seve.
- 2012-2013, NSERC Canada Discovery grant at ECO-MCS lab of the University of Quebec in Montreal.

- 2012-2013, Scholarship of academic excellence from the Foundation of University of Quebec.

Language skills

- English: Read, Write, read and speak excellently. Main language of my training.
- French: Write, Read and speak excellently. Second national language in my country.
- Swedish: Write, Read and speak basic. Studied in Sweden and needed a working knowledge of the language to go around, studies were still in English.

Other Skills

- Excellent knowledge of Microsoft word, Stella, Mapsys, Google Maps Power Point, Statistical Package for Social Sciences (SPSS), and R programming softwares, Gap Minder, Aquastats, Sigma plots. Can use these tools to run regressions, correlation analysis, probability analysis, analysis of variance and various descriptive statistics etc.
- Works efficiently, keeps to deadlines, works effectively in groups, works independently.
- Able to handle sensitive and confidential information, able to manage multiple tasks, very fast learner, strong inter personal and communication skills, able to interact efficiently in environments with people of diverse cultures, pays extreme attention to details, able to effectively keep records of all tasks carried out by self and team mates.