

Curriculum Vitae

Steve J. Gaciri Ph.D.

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Education

University of Sheffield, U.K.

Ph.D. in Geology

University of Nairobi, Kenya

M.Sc. in Geology

University of Uppsala, Sweden

Fil. Kand.(B.Sc Honors) Geology

Teaching Experience

DCCCD - Richland, & Eastfield January, 2007- Present

Associate Professor– Geol 1401, Geol 1403

CCCCD- SCC, CPC, & PRC August 2007- Present

Associate Professor- Geol 1401, Geol 1403

University of Nairobi 1992- 2005

Professor– Geology SGL 101, 201,202, 309,311,404,406,417,513,517,518,541,FCE 211,CCS 005

University of Nairobi 1983- 1992

Senior Lecturer Geology SGL 101, 201, 309, 311, 404, 406, 417, 513, 517, 518, 541, FCE 211

Publications and Papers

2005 J.K. Mulwa, **S.J. Gaciri**, J.O.Barongo, N. Opiyo-Akech and G.K. Kianji Geological and Structural Influence on Groundwater Distribution and Flow in Ngong Area, Kenya. *AfricanJournal of Science and Technology (AJST) Science and Engineering Series Vol.6, No.1, pp.16-26*

2001 **S.J.Gaciri** and P.K.Maritim Geochemistry and Mineralogy of Rocks Eaten by Human Beings (Geophagia) in Kenya. *Submitted to (AJST)*

- 2001 C.M.Nyamai, N.Opiyo-Akech, **S.J.Gaciri**, Bo Johanson and Y.Sato.Petrography, Mineral Chemistry and Thermobarometry of the Neoproterozoic Mozambique Belt Rocks of the Matuu –Masinga Area,Central Kenya. *Geol .Surv. of India SpecialPubl.No.75.pp.296-316.*
- 2000 S.M. Onywere, N. Opiyo-Akech, **S.J. Gaciri** and M.J. de Wit. A methodology for image analysis and land cover classification of Nakuru-Menengai area (Central Rift Valley, Kenya). *African Journal of Science and Technology (AJST), Vol. 1, No. 1, pp. 3.*
- 2000 C.M. Nyamai, N. Opiyo-Akech, **S.J. Gaciri** and H. Fujimaki. Structures,metamorphism and geochronology of the Mozambique Belt and Intrusive Rocks from Matuu-Masinga Area, Central Kenya. *African Journal of Science and Technology (AJST), Vol. 1, No. 1, pp. 47-55.*
- 1999 C.M. Nyamai, N. Opiyo-Akech, **S.J. Gaciri** and H. Fujimaki. Geochemistry and Tectonomagmatic Affinities of the Mozambique Belt Intrusive Rocks in the Matuu-Masinga Area, Central Kenya. *Gondwana Research, Vol. 2, No. 3, pp. 387-399.*
- 1998 Wilson M. Ngecu and **Steve J. Gaciri**. Urbanization Impact on the Water Resources Within major Third World Cities: A case study for Nairobi and its environs. *Episodes, Vo21 4, pp. 225-228.*
- 1997 J. Michie, J.R. Keller, C. Prodehl, M.A. Khan and **S.J. Gaciri**. A model for the structure, composition and evolution of the Kenya Rift *Tectonophysics Vol.278, No 1-4 ,pp.95-120*
- 1996 G.B. Barigira and **S.J. Gaciri**. Geochemical characteristics of the Isinya-Konza Gypsum Depositsin the Kaputei Plain -An example of Inland Shabkha a Type of Deposit, Kenya. *Discov. innov Vol. 8(2). pp 111-118.*
- 1995 Wilson M. Ngecu and **Steve J.Gaciri**. Lithostratigraphic,provenance and facies distribution of Archaean Cratonic successions in Western Kenya. *Journ. Afric. Earth Sciences, Vol. 21, No. 3, pp 359-372.*
- 1994 J. Mechie, G.R. Keller, C. Prodehl, **S. Gaciri**, L.W. Braile, W.D. Mooney, D. Gajewski and K.J. Sandmeir. Crustal Structure beneath the Kenya Rift from axial profile data. *Tectonophysics Vol. 236, pp. 179-200.*
- 1994 C. Prodehl, J. Mechie, U. Achauer, G.R. Keller, M.A. Khan, W.D. Mooney, **S.J. Gaciri** and J.D. Obel. The KRISP 90 Seismic Experiment - A technical Review. *Tectonophysics Vol. 236, pp. 33-60.*
- 1992 **Gaciri, S.J.** and Davies, T.C. The Occurrence and Geochemistry of Fluoride in some natural waters of Kenya. *Journal of Hydrology 143 (1993) 395-412.*
- 1992 **Gaciri, S.J.** The Lineament Map of Kenya. Correlations of Lineaments to known mapped geological data. Regional Seismological Assembly in Africa, Nairobi (*Extended Abstract*) - *tectonophysics 209, pp 139-142*
- 1991 **KRISP Working Party**. Large scale variation in Lithospheric structure along and across the Kenya Rift. *Latters of Nature Vol. 354, pp 223-227.Tectonophysics Vol. 278, No. 1-4, pp. 95-120.*

- 1987 **Gaciri, S.J.** and Mailu, G.M. Groundwater Investigations development and use in the Athi River Basin, Kenya. International Conference on the geology of Somalia and surrounding region, Geosom 87, Mogadishu, Somalia (*1st Agron. Oltremare, Firenze, Relaz e Monogr. 113, 711-733, 1993*).
- 1983 Maina, J.W. (Mrs) and **Gaciri, S.J.** Contribution to Hydrogeochemistry of the area North of Nairobi Conservation Area - Kenya. *Journal of African Earth Sciences, Vol. 2., No. 3. pp. 227-232.*
- 1983 **Gaciri,S.J.** Mineral and Groundwater Resources of Arid and Semi-arid Areas of Kenya.*The Kenyan Geographer Special Issue Vol. 5 Nos. 182.*
- 1982 **Gaciri, S.J.** What Walls Weather Well? *Journal of the Institution of Engineers of Kenya*
. July/August pp. 35-37.
- 1981 **Gaciri, S.J.** and Ineson, P.R. Hydrogeochemical Pb-Zn-Cu anomalies on the Isle of Man. *I.M.M. Transact. Section b. Vol. 90, pp 120-125.*
- 1975 Nyambok, I.O. and **Gaciri, S.J.** Geology and Fluorite Deposits in Kerio Valley, Kenya. *Econ. Geol. Vol. 70; pp 299-307*