

Short CV for Mazingira webpage

### **Full Name, Title**

Shade Akinsete, Dr.

### **Motivation**

There is pressing need to improve environmental health (air, water and soil) in all ramifications. However, from the perspective of a soil scientist, safe food, water and air is essential for man's survival and cannot be compromised. This has shaped my career. Therefore, my research interests includes: soil carbon sequestration and climate change, with specific interest in carbon sequestration in different land use types and greenhouse gas emissions; monitoring and assessment of contaminants (heavy metals and total hydrocarbons) in urban and peri-urban soils, particularly in developing countries.

### **Short CV**

*Academic career*

#### *Teaching:*

May 2014 – Ongoing | **Lecturer**, Department of Environmental Health Sciences, Faculty of Public Health, College of Medicine, University of Ibadan, Ibadan, Nigeria; *Duties:* Teaching, student supervision and participation in other university activities.

July 2010 – May 2014 | **Lecturer**, Department of Soil Science and Land Management, COLPLANT, Federal University of Agriculture, Abeokuta, Ogun State, Nigeria. *Duties:* Teaching, student supervision and participation in other university activities.

#### *Research:*

January – December 2016 | **Postdoctoral Visiting Fellowship**, Climate Impacts Research Capacity Leadership Enhancement (CIRCLE) program at the International Livestock Research Institute (ILRI), Kenya; Soil carbon stocks quantification and greenhouse gas emissions from southwestern Nigeria soils.

08/2007 – 07/2009 | **Post-Doctoral Research Associate**, Department of Agric. & Environmental Sciences, Lincoln University, Jefferson City, Missouri, USA; Soil carbon and greenhouse gas assessment in different land-use types

09/2002 – 07/2007 | **Ph.D. candidate**, Department of Soil Science, University of Reading, UK; Thesis: "Soil carbon fractions in the silt-size soil particle fraction: implications for erodibility"

1997 – 1998 | **Graduate studies** (Soil Science), University of Ibadan, Ibadan, Nigeria. Thesis title: "Effect of tillage and mulching on cowpea (*Vigna unguiculata*) yield"

1988 – 1994 | **Undergraduate studies** (Soil Science), University of Ibadan, Ibadan, Nigeria.

### **Some Publications**

**Akinsete, S.J.**, N. V. Nkongolo. 2016. Soil carbon and nitrogen fraction of a grassland in central Missouri, USA. *Communications in Soil Science and Plant Analysis* 47(9): 1128 – 1136. DOI:10.1080/00103624.2016.1166240.

Oluwayiose, O. O., **Akinsete, S. J.**, Ana, G. R. E. E., Omishakin, A. M. 2015. Soil contamination by refined crude oil using *lumbricus terrestris* as toxicity indicator at a petroleum product depot, Ibadan, Nigeria. *British Journal of Applied Science & Technology* 9(1): 37 - 46.

**Akinsete, S. J.**, Nortcliff, S. 2014. Storage of total and labile soil carbon fractions under different land-use types: a laboratory incubation study. In *Soil Carbon*. A.E. Hartemink and K. McSweeney (eds.), 197-208. Progress in Soil Science, Springer International Publishing Switzerland.

**Akinsete, S.** 2013. Aggregate-associated carbon in a cultivated soil under short-term planted cover crop. *Albanian Journal of Agricultural Sciences* 12: 431-436.

**Adisa, S. J.** and S. Nortcliff. 2011. Carbon fractions associated with silt-size particles in surface and subsurface soil horizons. *Soil Science Society of American Journal* 75: 79 – 91.

Ikem, A. and **S. Adisa**. 2011. Runoff effect on eutrophic lake water quality and heavy metal distribution in recent littoral sediment. *Chemosphere* 82: 259 –267.

**Professional Membership:** member -

- Soil Science Society of Nigeria (2011 to present)
- American Society of Agronomy (2007 to present)
- Crop Science Society of America (2007 to present)
- Soil Science Society of America (2007 to present)