Peter K. Muraya

Mutall Buisiness Center,

P.O. Box 374-00206,

Kiserian,

Kenya.

[peterkmuraya@gmail.com](mailto:peterkmuraya@gmail.com)

Nationality: Kenyan Birth date: 13th Feb 1960

Bsc. Electronics Computers and Systems Engineering

Loughborough University, UK, 1983

**Work History**

2010-Todate: Data Management Consultant

Current Clients & assignment

The African Network for Soil Biology and Fertility (AfNet). Data management support for projected Afnet scientists.

Sub-Sarahan Africa Challenge Program(SSA-CP). Backstopping SSA-CP scientists on data management

Kenya Sugar Research Foundation. Developing and implementing a research data management policy.

2003-2010: Research data management specialist, Research Methods Group.

International Livestock Research Institute (ILRI),

World Agroforestry Centre (ICRAF),

1994-2003: Associate Scientist, Computer Applications

Research Support Unit, World Agroforestry Centre

1988-1994: Research officer, Computer Applications,

Research Support Unit, World Agroforestry Centre

1985-1988: Systems Analyst, ICT Department, ICRAF.

1983-1985: Data Engineer, Ministry of Energy, Government of Kenya

**Peer-reviewed articles and book chapters**

Muraya P., Garlick C. and Coe R. 2002. Research Data Management. World Agroforestry Centre (ICRAF), Nairobi, Kenya. 123pp+CD

C.A. Garlick, R.D. Stern, P. Muraya. 2004. Data Management Issues and Problems. In Stern, R.D., Coe, R., Allan, E.F. abd Dale, I.C. (eds). Good Statistical Practice for Natural Resources Research. CAB International, Wallingford, UK, pp. 133-149

P. Muraya, C.A. Garlick, R.Coe. 2004. Developing a Data Management Strategy. In Stern, R.D, Coe, R., Allan, E.F. abd Dale, I.C. (eds). Good Statistical Practice for Natural Resources Research. CAB International, Wallingford, UK, pp. 187-196

G.W. Chege and P. Muraya. 2004. Data Management. In Patel, Bharati K., Muir-Leresche, Kay, Coe, Richard and Susan D. (eds). The Green Book: A Guide to Effective Graduate Research in African Agriculture, Environment and Rural Development. The African Crop Science Society, Kampala, Uganda, pp. 183-197.

A. Niang, A Kalinganire, B. Kaya, R. Kindt, P. Muraya and R. Coe (eds). 2004. Caraterisation de la Biodiversite Ligneuse dans les Sites du Programme des Zones en Marge du Desert. Manuel de Procedures. World Agroforestry Center (ICRAF)

**Other non-reviewed articles**

* Muraya P., Mathenge M. 2007.Client-Server Paradigm for Managing Research Data: Some Illustrations of Good Practices using Data from a Survey of Institutions Engaged in Rural Poverty and Environment
* Muraya P. 2002. Data reusability issues: experience from a few ICRAF data sets of relevance to the Soil and Water Management Workshop. Report on a Regional Workshop, 28-30 October 2002, ICRAF campus, Nairobi, Kenya.
* Shawn M. 2005.Data Processing Workflow for the Millennium Village project
* Muraya P., Chege G. W. 2007.Guidelines for Managing Research data
* Muraya P., Ndiwa N. 2007.Draft ILRI-ICRAF Data Management Policy:Beyond Electronic Assets
* Garlick C., Muraya P. 2007.Data publishing: User manual
* Garlick C., Muraya P. 2007.Data Publishing: Getting Started Guide
* Nagda S., Muraya P. 2008. Guide for Data Curators
* Coe R., Muraya P., Atta Krah K. 2008. Improving research data management in the CGIAR

**Data policy & guidelines**

* Data sharing guidelines for the ASB System-wide program. Approved by the ASB Global Steering Group in 2004.
* Research Data Management. ICRAF Policy Guidelines Series. 2005
* P. Muraya and R. Coe. 2001. Looking after our investments: Improving Research Data Management at ICRAF. Research Discussion Paper.
* Muraya P., Garlick C. 2003. Logbook 2.1: Software tools for managing data from research activities. Revised Edition. Computer program with documentation manuals (in press).

**Software developed**

* Mhanda A., Grayer C., Muraya P., Machua S., Aziz B., Palmer S., Roger S. and Kontogomde H. 2002. Climsoft version 2: A Climate Data Management System. Computer program with user's handbook.
* Muraya P., Kaume R., Karari V. 2003. Managing data in the Soil and Plant laboratory at ICRAF. A computer program based on the Logbook data model.
* Muraya P., Muchukuri K. 2003. Advancing Farmer Advisory Services. A Laboratory Information System for the Kenya National Agricultural Laboratories at KARI, Kabete.