

Dr Hermogène NSENGIMANA

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Nationality: Rwandese

Status: Married

Date of Birth: 25 Dec 1974

Dr Hermogene Nsengimana, is a skilled professional in Environmental Analytical chemistry with a strong bias towards speciation of metals /organometallic compounds in environment and climate change. He has been involved in active research work alongside teaching, training and supervision of projects that encompasses planning and organization of research projects. Among others he is in charge of research in the Faculty of Science at National University of Rwanda, the President of the International Hydrological Program (IHP), the chairperson of the Environmental Technical Committee in Rwanda Bureau of Standard and a member of the technical team working on Surface water and groundwater interaction in the Nile Basin.

LANGUAGES

Kinyarwanda: native,

French:Fluent,

English:Fluent,

Swahili: Average

AFFILIATIONS

Vice dean in charge of Research, consultancy and postgraduate studies in the Faculty of Science, National University of Rwanda

President of UNESCO-PHI (Programme hydrologique international) in Rwanda

Member of the Victoria science advisory committee under the Victoria Research (VicRes)

EDUCATION

Postdoctoral Studies: Postdoctoral research – University of Botswana, Botswana (2008)

Postdoctoral fellow at the Witwatersrand University- Johannesburg- South Africa (2007)

PhD: Analytical and environmental chemistry Research group, School of Chemistry, University of the Witwatersrand (2003-2007)

Licence: Physical Chemistry at National University of Rwanda (1995-2000)

AWARDS

2010: Postdoctoral grant –CIUF-CUD

2003 : Postgraduate Merit award (Wits University-Johannesburg)

2004 : Postgraduate Merit award (Wits University-Johannesburg)

2005 : Postgraduate Merit award (Wits University-Johannesburg)

2006 : Postgraduate Merit award (Wits University-Johannesburg)

PUBLICATIONS IN PEER REVIEWED JOURNALS

Cukrowska, E. M. , Nsengimana, H. , Tutu, H. and Chimuka, L.(2010), Adsorption and desorption of tetraalkyllead and dibutyltin compounds on contaminated soils, *Toxicological & Environmental Chemistry*, 92: 9, 1613- 1626

B. K. Uwankunda, I. Nhapi, U.G. Wali, **H. Nsengimana** and N. Banadda, Assessment of pollution in the Nyabugogo Catchment, Rwanda, *JPCE*, in print 2010

F. Nshimiyimana, I. Nhapi, U.G. Wali, **H. Nsengimana**, N. Banadda, I. Nansubuga and F. Kansime, Assessment of Heavy Metal pollution in the Akagera Transboundary River , *JPCE*, in print, 2010

H. Nsengimana, EM Cukrowska, A. DinSmore, E Tessier, D. Amouroux, In situ ethylation of organolead, organotin and organomercury species by bromomagnesium tetraethylborate prior to GC-ICP-MS analysis. *J.Sep.Sci.* 2009, vol. 32, n^o14, pp. 2426-2433

E. M. Cukrowska, J. L. Makiese, H. Nsengimana, H. Tutu, D. Amouroux, E. Tessier: Speciation of mercury in the environment affected by industrial pollution: determination and modelling. *Proceedings of AMIREG 2009*, Athens, Greece. 7-10 Sept.2009, pp 19-23

COLLABORATIVE INSTITUTION and CONSULTING COMPANY

The Witswatersrand University – Analytical and environmental chemistry research group- South Africa

University of Botswana – Analytical chemistry section – Botswana

CNRS – Université de Pau et des Pays de l'Adour (France)

SEANAC (Southern and East Africa network of analytical chemist)

NEDICO (New Dimension Consulting) consulting company – Namibia

SDEPA (Sustainable Development and environment protection association)

RENGOF (Rwanda Environmental NGOs Forum)

FAIR (Fertilizers for Agricultural Intensification in Rwanda)