

# CURRICULUM VITAE

## MUCHELENG'ANGA GREENFORD CHITAKU

Research and Development Coordination and User Liaison Section  
National Institute for Scientific & Industrial Research  
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### **Personal data:**

Date and Place of Birth: 6<sup>th</sup> November 1958, Nthonkho Village Chief Kambombo Chama, Zambia

Citizenship:               Zambian  
Marital Status:           Married with Five (5) children  
Passport No:               ZG 09058  
Date of Issue:             1<sup>st</sup> June 1999  
Expiry Date:               31<sup>st</sup> May 2008  
N.R.C. No.                 126315/51/1

### **Academic Qualifications:**

<b>Institution</b>	<b>Year</b>	<b>Qualification</b>	<b>Field of Study</b>
Chizongwe Sec. School	1973-1977	School Certificate Div 1	General Education
University of Zambia	1978-1982	BSc.	Biology/Geography
Italian University for Foreigners/WARREDOC	2002-2003	Post Grad Diploma	Integrated Water Resources Management
University of Free State	2005	on-going	Masters in Envir. Mgt

### **Training Course/Fellowships:**

- 2003: Italian Ministry of Foreign Affairs Scholarship in Integrated Water Resources Management
- 2003: Certificate, Lowara products and systems(water pumps etc) (Italy)
- 2003: Certificate, Radar in hydrometeorology (Italy)
- 2000: Certificate, Technology Assessment and Transfer, National Institute of Small Industries Extension Training (NISIET) Hyderabad, India.
- 1997: Certificate Energy and Environment Mass Awareness Planning and Management (ESAMI)
- 1996: Certificate, Energy and Environmental Management (ESAMI)

1992: Certificate, Science and Technology Investment planning (UNESCO/UNU)

### Conferences/Seminars

- 2002 Water Institute for Southern Africa (WISA) Conference Durban RSA (speaker)
- 2000: International Water Association (IWA) Conference Johannesburg RSA
- 1998 International Conference on Science and Technology Development Zomba Malawi (Speaker)
- 1998 Water Africa Conference Nairobi Kenya (speaker)
- 1997. Water Africa Conference Harare Zimbabwe
- 1993: UNESCO Conference on Culture and Development Seoul S/Korea (Speaker)
- 1993: UNESCO Workshop and School Science equipment Maseru Lesotho
- 1990: Conference on Research and Development Management, University of Swaziland

### Employment Record

Post Held	Organisation	Period
Teacher/Head Science Department	Ministry of Education	1982-1988
R&D Officer II	NCSR	1988-1989
R&D officer I	NCSR	1990 - 2000
Senior R&D Officer	NISIR	2000 – to date
Head R&D Coordination and User Liaison	NISIR	2001- to date

### Research Interest

- Community water and sanitation
- Water quality management
- Environmental sanitation
- Environmental management

### Other Responsibilities

- Local team leader on Adaptive Capacity Water Demand Management and Natural Resource Reconstruction research project (funded by WARFSA) 2000-2002
- Representative of NCSR/NISIR on the Interministerial Committee on Water and Sanitation Reorganisation (PCU) 1993- to date
- Core member for development of the National Environmental Sanitation Strategy for Rural and Peri-urban Areas
- Core member in the development of the National Water Supply and Sanitation Strategy for Rural and Peri-urban Areas of Zambia
- Team leader on Environmental Sanitation Planning and Development for Eastern and Southern Province Districts - Katete, Chadiza and Chipata and Kalomo, Choma Monze Mazabuka
- Alternate member Investment Coordination Committee (ICC) 1989-1991

- Advisor to the Zambian team at International Atomic Energy Agency (IAEA) Annual General Conferences (2002 to date)
- National Liaison Officer on IAEA Matters (2001 – to date)
- Head Research and Development Coordination, NISIR (2001 to date)
- Church Elder (1984 to date)

## **Publications**

1. ***User Analysis on the Value for Water on Selected Zambian Communities*** A submission in partial fulfilment for a Diploma in Integrated Water Resources Management WARREDOC/Italian University for Foreigners (2003).
2. ***Adaptive Capacity, Water Demand Management and Natural Resource Reconstruction- A Case Study of the Chongwe- Chalimbana area.*** A paper presented on the research done in collaboration with University of Pretoria at the WISA Conference Durban International Convention South Africa (2002)
3. ***Adaptive Capacity, Water Demand Management and Natural Resource Reconstruction-*** A report on the research done in collaboration with University of Pretoria (2002).
4. ***Water Quality Monitoring: Zambia's Experience.*** A paper presented at the Water Africa Conference on Water and Development Nairobi Kenya 1998
5. ***Role and Relevance of National Research and Development Institutions*** – Paper Presented at the First International Conference on Science and Technology for Development Zomba Malawi (December 1998)
6. ***Culture and Development:*** Case Study of the Zambian Iron and Steel Industry – Paper Presented at the UNESCO Conference on Culture and Development Seoul S/Korea (1993)

## **Referees.**

1. Mr. Adam Hussen, Director Department of Water Affairs, Ministry of Energy and Water Development Mulungushi House P.O. Box 50288 Lusaka
2. Mr. B.M. Chisenga NISIR - [nisiris@zamnet.zm](mailto:nisiris@zamnet.zm)
3. Professor J.N. Zulu University of Zambia – e-mail [jzulu@natsci.unza.zm](mailto:jzulu@natsci.unza.zm)