

DR. MADIMETJA DAVID MAGORO

1. **Telephone** 013 264 5311 **ID NO.** 680605 5393 080
Mobile 082 9666 343

Postal address Private Bag x 9619
Marble Hall
0450

Residential address 1. Stand no. 597
MALATANE VILLAGE
Ga-Seloane
Limpopo Province

2. SKILLS ACQUIRED

- Project management
- Computer
- Research and agribusiness
- Community development
- Interpersonal
- Facilitation
- Presentation
- Training
- Analytical
- Writing and verbal communication
- Networking
- Strategic planning
- Financial management
- Evaluation and monitoring
- Negotiation and capacity building
- Planning and organizational
- Co-ordination
- Writing of research proposals
- Reviewing articles and proposals

3. EMPLOYMENT HISTORY

(a) **Name of institution** : **Tompi Seleka College of Agriculture**
Private Bag x 9619
Marble Hall
0450
Tel: 013 264 5300
E-mail mdmagoro@gmail.com

✓ **Post (current)** : **Senior Lecturer**
HOD: Agriculture Extension, Economics
and Partnerships

✓ **Main job functions**

- Oversee the development and implementation of the academic curriculum for the subject fields according to the relevant quality standards
- Conduct classes
- Present short courses/vocational training to HET, FET students and other stakeholders
- Conduct applied and information research on production units
- Perform and support administrative and extracurricular functions

(b) **Name of institution** : **Limpopo Department of Agriculture and Rural Development**
Capricorn District
Private Bag x 28
CHUEINIESPOORT
0745
Tel: 015 632 5529
E-mail magorom@agric.limpopo.gov.za

✓ **Post held** : **Deputy Manager: Crop Production**
(Advisory Services)

✓ **Main job functions**

- Manage crop production & sector performance
- Support agricultural projects with technical advice
- Support district functions (Mentor for Crop Internships)
- Coordinate indigenous farming systems
- Provide appropriate advisory support
- Financial management of the division (Advisory services)

(c) **Name of institution** : Agricultural Research Council –Roodeplaat
Vegetable and Ornamental Plant Institute
Private Bag x 293
PRETORIA
0001
Tel: 012 841 9611

✓ **Post held** : **Indigenous Knowledge Systems Practitioner**
/Senior Research Technician (Crop Science
Division 1997 - 2010)

✓ **Main job functions**

□ **Responsible for research on various projects of farming systems development (project leader)**

- Develop training manuals and conduct courses on vegetable production for farmers and extension officers
- Establish vegetable gardens, demonstration trials and pilot projects.
- Monitor and evaluate projects (Impact assessment)
- Train farmers, Traditional Health Practitioners and Agricultural extension officers for PDA's in collaboration with Department of Agriculture, Forestry and Fisheries.
- Improve and establish production systems in communities (e.g Hydroponics, Indigenous farming practices).
- Conduct feasibility and baseline studies
- Transfer technology through information days, workshops, demonstration trials, open days, farmers' days and exhibitions at shows etc.
- Planning, coordinating and managing of manpower in projects ensure climate of creativity, initiate and organize effective teams.
- Promote utilization, recording and documentation of indigenous knowledge systems and farming systems
- Conduct Participatory Learning and Action (PLA)/ Systems approaches
- Promote production of indigenous vegetables, medicinal plants and indigenous fruits

(d) Name of institution : Central Statistical Services
Polokwane Region

Post held : Chief enumerator and fieldworker (October 1996)

✓ **Main job functions**

- Supervising eight enumerators
- Keeping records of all the data collected from the household survey.

(e) Name of institution : Tompi Seleka College of Agriculture
Private Bag x 9619
MARBLE HALL
0450

Post held : Trainee Technician (1995 – 1996)

✓ **Main job functions**

- **Vegetable production** – soil sampling, soil preparation, planting various vegetable crops, fertilization, irrigation, pest and disease control, harvesting and marketing.

- **Fruit production** – soil preparation, planting of trees, scouting of pests, fertilization, irrigation, pruning, control of pests and diseases and harvesting.

(f) Name of institution : Western Areas Gold Mine Ltd
P.O Box 57
WESTONARIA
1780

Post held : Security Officer (1989 – 1991)

✓ **Main job function** : Access control, searching and patrolling

4. EDUCATIONAL QUALIFICATIONS

School attended : Phasoane High School (1983 –1987)

Highest standard passed : 10 (Matriculation with exemption)

Leadership roles : School prefect and soccer captain

4.1 HIGHER EDUCATION

University attended : Technikon Pretoria (Tshwane University of Technology 1993 – 1996)

Course completed : National Diploma in Plant Production

Major courses : Botany, Agricultural Economics, Soil Science and Crop Production

Institution : Technikon Pretoria (Tshwane University of Technology 1998 – 2000)

Course completed : Baccalaureus' Technology Degree: Crop Production Management

Subjects :
- Research Methodology
- Crop production IV
- Agriculture communication
- Project management

Institution : ICRA (International Centre for development Oriented Research in Agriculture (January 2001 – July 2001) in Wageningen, Netherlands)

Course completed : Accredited Certificate in Agriculture Research for Development

Subjects :
- Team Dynamics
- System thinking in Agriculture
- Evaluating Research options
- Methods for information gathering
- Social organization of change
- Research planning
- Formulating research proposals

Institution : University of South Africa (UNISA)

Course Completed : Master's degree: Human Ecology

Modules completed	:	- Research methodology - Literature Study - Programme Management - Community Resource Management - Theory and Practice - Household Food Security
Title of dissertation	:	Traditional Health Practitioners practices and sustainability of extinction-prone medicinal plants
Institution	:	North West University (2014-2020)
Degree completed	:	PhD in Indigenous Knowledge Systems
Title of thesis	:	An exploration of the role of indigenous weather and climate knowledge in crop production: the case of Lepelle Nkumpi municipality in Limpopo province

OTHER COURSES AND CERTIFICATES AWARDED

- Diploma in Personnel Management, Institute of Vocational Studies, 1991
- Diploma in Office Management and administration, Cambridge Tutorial College, 1991
- Certificate in Maize planter, Boskop Training, 1994
- Certificate in Tractor operation, Boskop, 1994
- Certificate in Student Advisership, Tompi Seleka College, 1996
- Certificate in Process Integration (Module 1 and 2), Joubert Fisher & Associate, 1999
- Certificate in Root Crops Research and Management, Malkerns Research Station, Swaziland, 1999
- Soil classification, Potchefstroom 1995
- Basic management, public speaking and Project Management, 2000.
- Certificate in Building Communities from the Grassroots, University of Missouri, Pretoria and Medical University of Southern Africa. 2000
- Certificate in Intellectual Property awareness and training workshop, 2008
- Writing for publication, Development Bank of Southern Africa, 2008
- Certificate of Appreciation from Global Environmental Facility of United Nations Development Programme, 2011
- Certificate in Integrated HIV & AIDS and TB Management, PALAMA, 2011
- Certificate in Advance Management Development Programme, PALAMA, 2011.
- Certificate in Horticultural Crop Technology for Rural Development, 2013
- Certificate from ARC-Roodeplaat for positive contribution to showcase work done in communities
- Certificate of participation in the National SET Week 2000
- Certificate for best poster award from South African Society for Agricultural Technologists, 2009

- Certificate on Essential oils ARC- Institute for Industrial Crops, 2011
- Certificate in Basic Security course – RPM Ltd, 1991
- Certificate in Professional Natural Scientist 2019
- Certificate of Excellence in reviewing, AJAAR, 2017
- Certificate of Excellence in Peer-Reviewing, JBARI 2017

5. LEADERSHIP ROLES AND MEMBERSHIP

- Soccer coach/trainer and adviser at Tompi Seleka College of Agriculture 1994-1996
- Represented Tompi Seleka College at SERTEC during accreditation
- Represented Agricultural Research Council (ARC) at IKSSA Trust (Indigenous Knowledge Systems of South Africa) on genetics as a coordinator for South African Team
- Represented Agriculture Research Council (ARC) at PAETA for the development of unit standards for Agriculture Extension Programme
- Panelist for the City of Tshwane Conference on an Integrated Agriculture Development and Support Strategy under specialist agriculture and the improvement of crops and livestock
- Appointed as a reviewer of research papers for Development Southern Africa Journal of the Development Bank of Southern Africa (2008-9)
- Nominated to serve as a bid evaluation committee member for the Agriculture Research Council Libraries, Periodical Subscriptions for 2010.
- Appointed as a National Steering Committee member for United Nations Development Programme (UNDP) for Small Grant Program (2009 to date).
- Chaired paper sessions at SASAE Conference 2018
- Chairperson of Boaparankwe Convocation 2017/18
- Invited to present a paper in Burkino Faso on stakeholder linkage approaches 2017
- Chairperson of Research Committee at the College 2018-2021
- Mentor to Bapedi Boelang Gae Indigenous Tea Crafters -Setsong
- Mentor to TM Foods at Seshego 2018/19
- Member of Limpopo Agriculture Extension Forum 2018 to date.
- Appointed member of Provincial Research Committee 2019 to date.

✓ Research work undertaken for International and National institutions (2001 and 2007)

- **Sustainable Use of Natural Resources; Constraints and Opportunities for Dairy Research and Development in the Eastern Netherlands**

I participated in a field exercise in team research in the Netherlands aimed at identifying research actions to transform the existing dairy farms on sandy soils in the province of Overijssel into viable enterprises that comply with the EU nitrogen – surplus norms 2003

- **Rural Livelihoods and Land degradation in Herschel District, Eastern Cape, SA**

I was part of a research team in South Africa (2001) that analysed land degradation in the Herschel District of the Eastern Cape Province against the background of changing agricultural support systems. The team recommended research, development actions and human capacity building for more sustainable management of natural resources.

- Conducted research for the Commission for the promotion and protection of the rights of cultural, religious and linguistic communities (CRL Rights Commission) on the research topic “**Indigenous African Rites of Passage as a diminished Heritage**” for the Ndebeles of Moletlane, Zebediela, Limpopo Province (2007)

Membership of Professional Society/body

- South African Society for Agricultural Extension (SASAE)
- South African Council for Natural Scientific Professions (SACNASP)

6. PUBLICATIONS

- a) Magoro M.D & Erika van den Heever. 1997. Vegetable Production, Training Manual
- b) Magoro M.D., DR Venter S.L., van den Heever E., Gerntholtz U & Modise D. 1998. Strategy for PCA in urban agriculture. Urban open space forum.
- c) Magoro M.D and van den Heever E. 1998. Problems in extension and production. Urban agriculture (SASAT).
- d) Magoro M.D. 2004. Sustainable harvesting of devil’s claw. Information booklet
- e) Magoro M.D. 2004. Aspects of Indigenous Knowledge and Protection in the farming systems of smallholders: Case studies from Magatle and Madisha Village. In: Indigenous Knowledge for Development. South African Rural Development Quarterly, Vol 2, Q4, Oct-Dec. Makhura N., Morolo T., Nhalpo-Hlope J., Ngqangweni S., Belete A., Mpofu B., Stilwell T., Kgabo J., Musi D., Tigerls S., and Schonken R. (Eds). p 54-57.
- f) Magoro, M.D & Masoga, M.A. 2003. Aspects of Indigenous Knowledge and Protection in Small Scale Farming Systems: A challenge for advancement. Edited proceedings of the inaugural Knowledge Management Africa (KM Africa) conference Proceedings, Knowledge to address Africa’s Development Challenges 1-3 March, Caesars JHB, Gauteng , RSA. pp 121-126.
- g) Magoro M.D & Masoga M.A. 2005. Aspects of indigenous knowledge and protection in small scale farming systems: A challenge for advancement. *INDILINGA; African Journal of Indigenous Knowledge Systems: Can indigenous knowledge provide solutions to current problems?* Vol, 4, issue 2. p. 414-428.
- h) Magoro M.D. 2006. Why Agricultural Development Projects fail in South Africa: Local farmers’ Indigenous Knowledge the missing element. SA Agriculture Magazine, issue 2, April-May. p 24

- i) Magoro, M. D., Laurie, S., Van den Berg & Thompson, A. 2008. How to produce, harvest and store sweet potatoes. *Farming SA*. p 30-32, Jan 08.
- j) Magoro, D., Neluheni, K., Du Plooy, I., & Van Den Berg A.A. 2008. Cultivating cabbage. What to take in account? *Farming SA*, p 38-39, May 08.
- k) Magoro, M. D., Laurie, S & Van den Heever, E. 2008. Grow top quality Carrots. *Farming SA*, 20-21, Sept 08.
- l) Magoro M.D & Hlungwani S.S. 2014. The role of agriculture extension in the 21st century: Reflections from Africa, *Int. J. Agr. Ext.* 02(01) 2014. 89-93, ESci Journals Publishing. Available Online at ESci Journals.

6.1 POSTERS

- a) Magoro M.D., van den Heever, E and Venter S.L. 1998. Problems in extension and production. Soshanguve project, Urban Agriculture.
- b) Magoro M.D and Letsoalo S.S. 2000. The change in community agricultural development paradigm.
- c) Magoro M.D. 2005. Aspects of indigenous knowledge and protection in small scale farming systems: A challenge for advancement
- d) Magoro M.D, and Motsei, M. 2009. Development of community based medicinal plant model

6.2 SEMI – SCIENTIFIC PUBLICATION

- a) Magoro M.D. 1998. Novel irrigation system, Plastic bottle irrigation. *Nufarmer*.

6.3 SCIENTIFIC PUBLICATION

- a) Laurie, S.M, Malemela, M.L, Magoro, M.D., Braun, B.R., Bok, J. & Nxumalo, M., 2002. Evaluation of Selected Sweet potato breeding lines and imported cultivars in the Southern region of SADC proceedings. 1st International Symposium on sweet potato. *Acta Horticulturae* 583:95 – 101.
- b) Laurie, S.M, van den Berg, A.A., Magoro, M.D., Kgonyane, M.C., & Venter, S.L., 2002. Breeding and evaluation of orange-fleshed sweet potato in support of a food-based programme for alleviation of vitamin A deficiency. SAPBA Symposium, 11–14 March 2002, Gordon’s Bay.
- c) Laurie, S.M, Magoro, M.D., Kgonyane, M.C & Alleman, J., 2003. Strategies to enhance the production and utilization of sweet potato and market studies of sweet potato and cassava (Paper). 2nd SARRNET Scientific Symposium, 19 – 21 May 2003, Lusaka, Zambia.
- d) Laurie, S.M., Van den Berg, A.A., Magoro, M.D., & Kgonyane, M.C. 2004. Breeding of sweet potato and evaluation of advanced breeding lines and imported cultivars in South Africa. *African Crop Science Journal*. 12(3).
- e) Magoro M.D, Dhar S, Douangsavanh L, Serage L, Korekyan A, & Palit S. 2003. Rural Livelihoods and Land degradation in Herschel District, Eastern Cape, South Africa. *Journal of the South African Society for Agricultural Extension*. 37: 32-43.

- f) Magoro M.D & Van Averbeke, W. 2004. Selecting sweet potato varieties for use by smallholders in Mpumalanga Province, South African Society for Crop Production Congress, 20 – 23 January, Bloemfontein, Free State Province.
- g) Magoro M.D & Masoga M.A. 2005. Aspects of indigenous knowledge and protection in small scale farming systems: A challenge for advancement. *INDILINGA; African Journal of Indigenous Knowledge Systems*: Can indigenous knowledge provide solutions to current problems? 4(2):414-428.
- h) Magoro M.D & Laurie S.M, 2008. Evaluation and release of new sweetpotato varieties through farmer participatory selection. *African Journal of Agricultural Research* 3(10): 672-676.
- i) Magoro M.D, Mearns M.A & Masoga M.A. 2008. Traditional Health Practitioners’ practices and the sustainability of extinction -prone medicinal plants. *International Journal of African Renaissance Studies*. 5(2):229-241
- j) Magoro M.D & Hlungwani S.S. 2014. The role of agriculture extension in the 21st century: Reflections from Africa, *International Journal of Agricultural Extension*, ESci Journals Publishing.
- k) Magoro M.D, Motala S.G., Mtileni M., Laurie, S.M. 2020. Strengthening Research, Extension and Farmer linkages through sweet potato demonstration trials, *South African Society for Agricultural Extension Journal*. *In Press*.

6.4 PAPERS PRESENTED

1. Magoro M.D., Maphanga H., Dr Venter S.L., Prof. Van Rooyen & Kekane. D. 1998. Soshanguve Agricultural Project. International urban open space forum, invited paper.
2. Magoro M.D, 2002. Food Security: Agricultural production and quality control, Symposium at University of South Africa.
3. Magoro M.D, 2002. Systems Thinking in Agriculture Research for Development, SASAT Congress at Muldersdrift.
4. Magoro M.D, Dhar S, Douangsavanh L, Serage L, Korekyan A, & Palit S. 2003. Rural Livelihoods and Land degradation in Herschel District, Eastern Cape, South Africa. SASAE Conference 19–22 May Klein Kariba, Bele Bela, Limpopo Province.
5. Magoro M.D & Van Averbeke, W. 2004. Selecting sweet potato varieties for use by smallholders in Mpumalanga Province, South African Society for Crop Production Congress, 20–23 January, Bloemfontein, Free State Province.
6. Magoro M.D, 2004. Bottom-up approach in food security interventions, Food Security Symposium, 23 August, University of South Africa (UNISA), Gauteng Province.
7. Magoro M.D & Van Averbeke, W. 2004. Selecting sweet potato varieties for use by smallholders in Mpumalanga Province, South African Society for Agricultural Technologists (SASAT) Congress, 06–10 September, Bloemfontein, Free State Province.
8. Magoro M.D, 2004. Commercialization of medicinal plants in South Africa, Promotion of Traditional Medicine (PROMETRA) Conference, 20–21 October, Willow Park, Gauteng Province.

9. Magoro M.D & Masoga M.A. 2005. Aspects of indigenous knowledge and Protection in small scale farming systems: A challenge for advancement. Management Africa (KM Africa) Conference, 1-3 March, Caesars. Gauteng Province. Available at [www/http: KMAfrica.org](http://www/KMAfrica.org)
10. Magoro M.D. 2006. Why Agricultural Development Projects fail in South Africa: Local farmers' Indigenous Knowledge the missing element. SRL- Conference, 4-7 July, ARC – Central Office, Hatfield, Gauteng Province.
Magoro M.D. 2008. ARC's role in utilization of traditional vegetables and medicinal plants. "*Indigenous ways of knowing, works*", National Indigenous Knowledge Systems Exhibition and Workshop, 4-9 August, Transvaal Museum, Pretoria, Gauteng Province
11. Magoro M.D, Mearns M.A & Masoga M.A. 2008. Traditional Health Practitioners' practices and the sustainability of extinction -prone medicinal plants. SASAT Congress 16-19 September, St. Helena Bay, Western Cape Province.
12. Magoro M.D. 2011. Qualitative understanding of rural development in Capricorn District, Limpopo Province. Mini Capricorn District Conference, 29 July 2011. The Ranch Hotel, Limpopo Province.
13. Magoro M.D. 2013. Indigenous Communication: A basis for advancement. Arts and indigenous knowledge systems in a modern[ising] Africa. Second International Arts conference, 25-27 September 2013, Tshwane University of Technology, Pretoria.
14. Magoro M.D. 2013. Is agricultural Extension relevant in the 21st century: A literature review. Capricorn District Agriculture Extension Conference, Magoebaskloof Hotel, 09-10 October 2013, Limpopo Province.
15. Magoro M.D & Hlungwani S.S. 2014. The role of agriculture extension in the 21st century: Reflections from Africa, Limpopo Provincial Extension Conference 27-28 February 2014, Bolivia Lodge.
16. Magoro MD, Materechera SA & Kabanda T.A. 2015. The Role Of Indigenous Weather And Climate Knowledge In Crop Production: A Review, International conference on post-graduate students' research on indigenous knowledge systems in southern and eastern Africa, 20-21 November 2015, university of Kwazulu-Natal, Westville campus, Durban, South Africa
17. Magoro M.D. 2017. Agriculture Extension and Partnerships. Institutional Support to farmers' organisations through the PASO and its regional members, African Union Commission, AU-SAFGRAD Workshop, 08-09 November 2017, Ouagadougou, Burkina Faso
18. Magoro M.D & Motala S.G. 2018. Strengthening Research, Extension and Farmer linkages through sweet potato demonstration trial, SASAE Symposium. Sustainability of Agricultural Sector through Extension and Advisory Services: A case for Agricultural Innovation systems. St Marco Estate, 5-6 September 2018.

7. GENERAL

❖ Prizes and awards

- Gold medal in Soccer (1992 at Rand Stadium in Gauteng Province, Johannesburg)
- Merit bursary from Department of Agriculture Limpopo Province (1994-1995)
- SARRNET(Southern African Root Crops Research Network) scholarship for Root Crop Management Research and Development (1999)
- Awarded trophy on best poster for applied technology (2000)
- DSE (German Development Foundation) scholarship for ICRA course 2001
- Awarded a trophy for best poster presentation (2009)

Hobbies : Watching TV, Jogging, playing snooker and reading.

8. REFERENCES

8.1 Professor Zwane E.M

University of Limpopo (UL)
Centre for Rural Community Empowerment
Tel: (015) 268 4842 Cell: 0828087173 E-mail: zwane frank@gmail.com
(He would be able to comment on my character, work potential and personality).

8.2 Professor Letsoalo S.S

North West University (NWU)
Faculty of Natural and Agricultural Sciences
Department of Agricultural Economics and Extension
Tel: (018) 389 2746 Mobile: 0793043466 Email: simon.letsoalo@nwu.ac.za
(He would be able to comment on my research work and personality).

8.3 Dr Mosima Masekoameng

Senior Lecturer
University of South Africa (UNISA)
Tel: (011) 376 1037 Cell: 0832604955 E-mail: masekmr@unisa.ac.za
(She would be able to comment on my research work and capabilities)