

**PANEL  
DISCUSSION  
MEMBERS**

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Dr Nonhlanhla Tlotleng

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Mothusi Mochubele

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Riaan Bergh

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Kobus Dekker

# Biography



Dr. Nonhlanhla Tlotleng joined the Mine Health and Safety Council as an Occupational Health Research Delivery Specialist within the Centre of Excellence under the Research Unit. Dr. Tlotleng is a qualified Public Health Researcher and an Epidemiologist with over ten years of research experience in Occupational Health. Dr Tlotleng earned a Bachelor's degree and a Master's in Biotechnology from the University of Johannesburg, she further completed an MSc degree in Epidemiology and Biostatistics and a PhD from the University of the Witwatersrand, South Africa. She is an NRF-rated researcher, passionate about promoting employees' health and well-being through impactful and quality research. She is a recipient of the Female Academic Leaders fellowship grant, awarded by the Vice-Chancellor of the University of the Witwatersrand. Dr Tlotleng has published widely in Occupational health, including research papers, reviews, and books on workplace hazards and their health outcomes. She is affiliated with Universities where she teaches, trains, and supervises postgraduate students in Public Health. She is also a member of the Editorial board for several international journals serving as a reviewer and an Academic Editor.

# Biography



Mothusi Mochubele completed his undergraduate studies in BSc Engineering in Mining at the University of the Witwatersrand in 1998. He then joined De Beers Consolidated mine and worked at Cullinan Mine, first as a miner, then shift boss, Mine captain, section manager and Expansion project Mining Engineer. During his time in De Beers, he obtained government's mine managers' certificate of competency in 2001; and Project Management through UNISA in 2007. Mothusi has also vast experience in Gold mining, Chrome mining, Coal mining, petrochemical and energy sectors in a capacity of engineer, project manager and section lead.

In 2011, Mothusi was appointed by the University of the Witwatersrand as a lecturer in the School of Mining Engineering. While at Wits, Mothusi obtained his MSc Engineering (mining) specialising in ventilation in 2015. He is lecturing Mine Ventilation and Health and Safety courses in undergraduate level and postgraduate level. He has undertaken project commissioned by World Bank where he was country consultant (South Africa) for ACET on Local Content and value Addition. He was a mining consultant for a NEPAD project which is headed by Health Focus reviewing mining regulations for four countries namely: Malawi, Zambia, Mozambique and Lesotho.

His research interest lies in the field of Local Content and Value Addition (LCVA) in mining, property development, health and safety, ventilation in ultra-deep mines as well as Automation.

Mothusi has uncontrolled passion to see people succeeding in business.

# Biography



Full Name: Riaan Bergh

Company: CSIR

Designation: Impact Area Manager

Qualifications: BEng (Mechanical), BEng (Hons) (Mechanical), MEng (Engineering Management)

## Contact Details

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## SHORT PROFESSIONAL BIOGRAPHY:

Riaan Bergh holds Bachelors and Honours degrees in Mechanical Engineering and a Masters degree in Engineering Management from the University of Pretoria. He is registered with the Engineering Council of South Africa as a Professional Engineer.

Riaan has extensive experience in the field of structural integrity evaluation and testing with application in the mining, automotive and civil engineering industries. Riaan joined the CSIR in 2010 and is responsible for the group offering mining health and safety related testing and training services.

# Biography



## Professional

- Master of Public Health: Occupational Hygiene, University of the Witwatersrand, South Africa, 2004
- Radiation Protection Officer Certificate, National Nuclear Regulator, South Africa, 1995.
- Certificate in Mine Environmental Control, Chamber of Mines, South Africa, 1992

## Memberships

- Mine Ventilation Society of South Africa (Past President)

## Work Experience

- **Sept 2007 to date:** Managing Director, Kobus Dekker Occupational Hygiene Consultancy (Pty) Ltd and January 2024 to current, Director Envision Now
- **March 2005 – Aug 2007:** Senior Research Scientist, CSIR – NRE, South Africa
- **Nov 1988 – Apr 2005:** Anglo American including Occupational Environmental Safety and Health Manager, AngloGold Ashanti Mining Company, South Africa

## Areas of expertise

- Establishment of qualitative and quantitative occupational hygiene risk assessment
- Development of Occupational Hygiene Management programs and plans for mining houses
- Implementation of appropriate occupational hygiene management systems
- Development and establishment of exposure control strategies, including ventilation control
- Implementation and management of exposure controls
- Project leader and project member on various health and occupational hygiene related research projects for organisations such as the Mine Health and Safety Council, Centre for Scientific and Industrial Research, National Institute for Occupational Health and University of Pretoria.
- Invited lecturer for the Master in Public Health program at Wits and various others.
- Author and presenter of numerous papers and presentations on the subject of Mine Occupational Hygiene.

## Countries of work experience:

South Africa, Lesotho, Mali, Tanzania, Namibia, Mozambique, Zambia, Ghana, Democratic Republic of the Congo, Guinea, Botswana, Mauritania.