

## Personal Information

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## Career Objectives

- To promote the South African coal mining industry through the available channels, e.g. media, academic lectures, presentations and research.
- To encourage dialogue and information sharing between all participants of industry to effect a more efficient and productive coal industry.
- To be an agent of positive change in South African coal mining as part of pivotal decision-making groups.
- To facilitate an accurate representation and perception of the South African coal industry internationally and locally through media, in the interests of further growth, investment and development.
- To promote and assist where possible the development and interests of the junior players as I believe that the future of the industry lies in small-scale mining.
- To use every opportunity to educate and encourage the dissemination of reliable accurate information about the South African coal mining industry.
- To promote clean coal technologies as the only option available to continue operating coal mines and power stations.

## Employment History

<b>Organisation</b>	XMP Consulting, Pretoria
<b>Post Held</b>	Senior Coal Analyst
<b>Period</b>	2009 - present
<b>Experience</b>	<ul style="list-style-type: none"><li>• Coal consulting, reserve evaluation, market analysis, quality control, logistics, etc.</li><li>• Compiling coal industry's statistics for local and international companies and liaising with coal producers, consumers, logistics providers.</li><li>• Liaising with associates to compile and present reports to clients.</li></ul>
<b>Organisation</b>	Wood Mackenzie, Johannesburg
<b>Post Held</b>	Senior Analyst
<b>Period</b>	2007 - 2009
<b>Experience</b>	<ul style="list-style-type: none"><li>• Senior coal consultant for the company's Johannesburg branch.</li><li>• Assisting clients requiring research and/or consulting work.</li><li>• Compiling coal industry's statistics for Woodmac Research and liaising with coal</li></ul>

- producers, consumers, logistics providers.
- Using associates to compile and present reports to clients.

**Organisation** Minerals Bureau, DME, Johannesburg - Pretoria  
**Post Held** Chief Mineral Economist - Coal and Hydrocarbons  
**Period** 1995 - 2007  
**Experience**

- Compiling and supplying coal industry's statistics – Liaising with coal producers, consumers, logistics providers, academia and organizations involved in the production, processing, trade, and usage of coal products.
- Representing government and industry in committees and other coal-related groups involved in policy-making for; coal reserve estimation, environmental impact control, tertiary education and information dissemination (SAMREC, IEA - CCS Agreement, FFF, Wits).
- Using own and other coal specialists' expertise to foster the introduction of black economic empowerment entrepreneurs to the coal industry.
- Promotion of the South African coal industry, both internationally and locally by publishing articles in technical and mining publications.
- Lecturing on coal science at Universities and other educational centers.
- Presenting papers at local and international conferences and symposia.
- Supporting new, small-scale mines in their quest for export allocations at the Richards Bay Coal Terminal (RBCT).
- Co-coordinating government and industry committees aimed at studying and calculating South Africa's remaining coal reserves and resources.
- Construction of a GIS database of coal discards dumps' volumes and qualities.
- Advising people with interest in one or more of the links of the coal chain about the way to optimise their opportunities to enter the industry.

**Organisation** Consultant IT  
**Post Held** Information Technology Analyst, Pretoria and Johannesburg  
**Period** 1993 - 1995  
**Experience**

- Contracting and provision of support on database packages and other software.

**Organisation** General Mining - Gold Exploration, Johannesburg  
**Post Held** Information Technology Manager  
**Period** 1989 - 1993  
**Experience**

- Building and operating a Gold-Exploration Database.
- Expansion of database to comprise the company's other mineral commodities.
- Training staff of four regional offices in database software handling to input, manipulate and extract data.

**Organisation** Geological Survey of South Africa, Pretoria  
**Post Held** Specialist Scientist - Database Manager  
**Period** 1974 - 1989  
**Experience**

- Designing, testing and implementation of the National Coal Data Base (NCDB) storing all coal boreholes comprising South Africa's coalfields (40 000 holes).
- Data gathering, preparation, correlation, capturing, loading and validation using

- coding and input clerks.
- Database Management
- Training and support of geologists and data input personnel.
- Designing and implementation of database applications using the database query language.
- Marketing database services designed to produce coal potential reports for clients interested in surface development in coal-bearing areas.
- Liaising between inter-departmental bodies with emphasis on coal-related issues.

## Education

Qualification M Eng. Mining Engineering (Thesis: The Witbank Coalfield)  
 Institution Witwatersrand University, Johannesburg, South Africa  
 Obtained 2002

Qualification Graduated Diploma in Engineering (GDE)  
 Institution Witwatersrand University, Johannesburg, South Africa  
 Obtained 2000

Qualification Montan Diplom: Postgraduate Advanced Course in Prospection, Exploration and Mining (Cum Laude)  
 Institution Montanistische Hochschule, Leoben, Austria  
 Obtained 1974

Qualification MSc Engineering Geology (Thesis: The Mineralisation of Cerro Rico, Potosi)  
 Institution Universidad Mayor de San Andres, La Paz, Bolivia  
 Obtained 1969

## Other Work in Progress

### **1. Evaluations - Coal Reserve and Resource: Regional and Single Blocks**

Assisting Council for Geosciences' (CGS) clients searching for mineable coal blocks. Extract CGS database's data to complete the country's reserve/resource evaluation updating.

### **2. Guidance and Support - Economic Empowerment (BEE) Companies**

To expand or obtain better quality and larger reserves and to optimise their coal logistics, processing, marketing and exports.

### **3. Collaboration with Technical Publications – Local and International**

Writing and publishing articles on SA coal's disciplines related to coal.

### **4. Involvement with Coal Professional Bodies**

Organising coal events and coal publications; FFF, SACPS, SAMREC, CCS Agreement.

## **5. Coal Lecturing at Tertiary Educational Institutions**

Lecturing coal postgraduates at local Universities.

## **6. Clean Coal Technologies (CCTs) – Coal Combustion Optimisation**

Maintaining contact with international (IEA – CCS Agreement) and local (Eskom) CCTs implementing bodies.

## **7. Contracting with Para-Statals and Other Large Local Organisations**

To find coal areas suitable for their projects, usually large ones, using own expertise and that of other coal consultants.

## **8. Help Given to Coal International Conference Organisations**

Liaising with Coaltrans, McCloskey and others to prepare SA conferences and/or present papers at their international events.