

Dirk J. A. Van Zyl

specialty: Mining Life Cycle Systems, Mined Earth Structures and Sustainability

Professor

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Additional Responsibilities

Biography

B.Sc., Civil Engineering, University of Pretoria, South Africa

B.Sc. (Hons.) Civil Engineering, University of Pretoria, South Africa

M.S., Geotechnical Engineering, Purdue University, Indiana, USA

Ph.D., Geotechnical Engineering, Purdue University, Indiana, USA

Executive MBA, University of Colorado, Boulder, Colorado, USA

Dirk has more than 30 years experience in research, teaching and consulting in tailings and mined earth structures. During that period he was a faculty member for 13 years at four Universities in the US and Canada. For the last 10 years much of his attention has been focused on mining and sustainable development. He has been involved internationally in many mining projects. These projects covered the whole mining life cycle, from exploration to closure and post-closure, in a large range of climatic and geographic environments. His present research is in the area of the contributions that mining makes to sustainable development as well as the application of life cycle assessment to mined earth structures.

Research Interests

- Life cycle systems
- The contributions that mining makes to sustainable development
- Mined earth structures (tailings, heap leach and rock disposal facilities)

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Journals

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