

# Global Minerals Industry Risk Management Course

## World-class Training for the Minerals Industry

Recognizing that safety is one area where companies can and should collaborate, Anglo American is making their highly-acclaimed and award-winning education program available to the whole industry to contribute to a systemic change in safety and risk management.

This course is the Global Minerals Industry Risk Management course, G-MIRM. It is aimed at anyone with a potential or actual responsibility for defining and managing site, operation or discipline approaches to risk management including General or Mine Managers, Superintendents, Plant Supervisors, etc.

Led by the University of Queensland, a global network of universities in major mining regions has been established to deliver this world-class program. In Canada, the course will be offered by MIRARCO at Laurentian University.

## Who should attend?

- ◆ At a mine or project: General Managers, Mine Managers, Section Managers, Superintendents, Mine Captains, Plant Supervisors, Senior Technical Staff, Safety Managers and Safety Practitioners.
- ◆ Within a Division or Corporate Structure: Technical and Functional Staff (e.g. Rock Engineering, Ventilation, Safety, Human Resources, Finance & Procurement).
- ◆ Long term / high hazard contractors at the appropriate level.
- ◆ Those involved in regulating the mining sector.

## What will you get out of it?

By the end of the week, through a combination of teaching, interactive learning, group discussion, team work and practical exercises related to your place of work, you will:

- ◆ Have a deeper, more aligned understanding of concepts, terminology and methods
- ◆ Challenge traditional thinking about risk and safety
- ◆ Be able to determine the quality of your company's risk management activities and systems
- ◆ Have a clear understanding of how this relates to overall industry, regulatory corporate risk management strategies
- ◆ Be able to scope and apply tools for comparison with good practice approaches
- ◆ Have some practical tools to improve your risk management and move forward on the safety maturity journey
- ◆ Understand the importance of making a personal commitment to and setting accountability for managing risk and, as a result make better decisions about safety risks



**Sudbury, Ontario**

**Course Date**

November 18–22, 2013

*"The GMIRM G3 course from MIRARCO is very comprehensive, practical and applicable. There is enough theory to ensure understanding, and terminology and tools are supplied to manage risk. The trainers are knowledgeable and presented the material so as to keep the participants well engaged. The group exercises are very effective and help apply the concepts. It was also interesting to see others use the information provided to evaluate other business risks. I would highly recommend this course for anyone who manages safety risk in any industry."*

*Christina Redhead, CRSP*

*Safety, Health and Environment  
Coordinator*

*De Beers Canada Inc.*



## About your Educators:



### **Vic Pakalnis, P. Eng., MBA, M. Eng.**

Vic earned a Bachelor of Engineering Degree in Mining Engineering and a Master of Engineering Degree from McGill University in 1972 and 1976 respectively. In 1994, he obtained a Master of Business Administration from Queen's University.

Vic brings expertise from a career with various mining companies including Inco Ltd, Iron Ore Company of Canada and Falconbridge Nickel Mines Ltd. In the later company, he served as their Senior Ground Control Engineer. While at the Ontario Ministry of Labour, Vic worked as the Provincial Director of Mining, the Industrial Health and Safety Director and Regional Director, Eastern Ontario, with corporate and program responsibilities for Health and Safety Programs and Employment Standards. He held the position of the Kinross Professor in Mining and Sustainability at the Robert M. Buchan Department of Mining at Queen's University in Kingston. Vic is currently the President and CEO of MIRARCO Mining Innovation.



### **Patrick Foster, B.Eng, PhD., FIMM, C.Eng**

Dr Patrick Foster is a Senior Lecturer in Mining Engineering at the Camborne School of Mines, part of the University of Exeter where he lectures and undertakes research into the health, safety and working environment aspects of mining. He is also an Adjunct Professor at the University of Laurentian. Over his career he has worked extensively with the international mining industry on establishing risk management systems and safety culture maturity and delivered training to Managers in Canada, US, South Africa, Ireland and the UK. His particular research interests are in safety and risk management systems, human factors, surveying and underground communications.



### **Glenn Lyle, MSc., Mining Eng, P. Eng**

Glenn earned a B. Sc and M. Sc in Mining Engineering from Queens University in Kingston. He worked at Inco (now Vale) for 33 years at various roles in Engineering and Operations. In 2009 he joined the Centre for Excellence in Mining Innovation CEMI where he was a Research and Development Director. He now works as an Associate with MIRARCO in the field of Health and Safety, Risk Management and Energy.



### **Pat Bolger, MSc, BSc**

Pat holds a Masters of Science Degree in Biology and is an environment, health and safety professional with 38 years of environmental, health and safety management experience in industry, government and consulting.

Pat has extensive experience managing mining risks having worked on mining projects in Canada, United States, Peru, Chile, India, Sweden, Austria, Portugal, Turkey, Tunisia, Burkina Faso, South Africa, Papua New Guinea and Australia.

Pat has worked under a wide range of legal, social and political frameworks and has a valuable appreciation of different multicultural perspectives for resolving environment, health and safety issues and risks.

Course fee: \$3,000.00 (plus HST)

#### **Includes**

- A comprehensive set of course material
- Lunch and refreshments served each day

#### **Location**

Willet Green Miller Centre  
Room #B4048 (4th floor)  
933 Ramsey Lake Road  
Sudbury, Ontario

Travel arrangements and accommodations are the participants responsibility. A list of hotels can be provided upon request.

#### **Glenn Lyle**

Phone: 1.705.675.1151 ex. 5074  
1.705.690.6644 (cell)

Email: [glyle@mirarco.org](mailto:glyle@mirarco.org)

#### **Diane Lepage**

Phone: 1.705.675.1151 ex. 5075  
Fax: 1.705.675.4838

email: [dlepage@mirarco.org](mailto:dlepage@mirarco.org)

#### **Mailing address**

MIRARCO Mining Innovation  
935 Ramsey Lake Road  
Sudbury, Ontario, Canada P3E 2C6

**WWW.MIRARCO.ORG**

MIRARCO—Mining, Innovation, Rehabilitation and Applied Research Corporation, founded in 1998, is a not-for-profit applied research and technical service company formed through collaboration between Laurentian University and the private and public sectors. MIRARCO serves as an innovation bridge between researchers and industry.

