

# Mining Foundation Distinguished Lecture

## April 16, 2015

### *Sustainable Mining Practices in the U.S. Mining Industry- Developing a Leadership Framework*

Presented by

## **Dr. Michael Karmis**

Stonie Barker Professor, Department of Mining and Minerals Engineering, and Director, Virginia Center for Coal and Energy Research (VCCER) Virginia Tech

**Reception from 5:00-6:00 p.m.**

Sponsored by

**Nelson Brothers, LLC**

**Lecture begins at 6:00 p.m. at the Hilary J. Boone Center**



**D**r. Michael Karmis is the Stonie Barker Professor in the Department of Mining and Minerals Engineering and the Director of the Virginia Center for Coal and Energy Research (VCCER) at Virginia Tech.

His expertise is in the areas of mining systems, mine health and safety, ground control, carbon management and the sustainable development of energy and mineral resources. He has authored/co-authored over 170 scientific papers and has directed over 60 major research projects funded by federal and state agencies, foundations and private companies.

Dr. Karmis served as the 2002 President of the Society for Mining, Metallurgy and Exploration (SME), where he established the first SME committee on sustainable development and initiated an international effort to establish a declaration on the “Contribution of the Minerals Professional Community to Sustainable Development.” Known as the Milos Statement, this declaration was introduced on the occasion of the 14th Annual General Meeting of the Society of Mining Professors (Societaet der Bergbaukunde) and the First International Conference on Sustainable Development Indicators in the Minerals Industry, held on the island of Milos, Greece in May 2013. The Milos Statement was endorsed and signed by 12 prominent professional and scientific societies around the world.

Dr. Karmis served as the 2009 President of the American Institute of Mining, Metallurgical and Petroleum Engineers (AIME). He was elected as the 2002 President of the Society of Mining Professors (SOMP)-Societaet der Bergbaukunde and served from 2005 to 2012 as the Society’s Secretary General. He was instrumental in the globalization of SOMP, now encompassing over 220 academics in 40 countries and on every continent. A Professional Engineer in the USA and an Eur Ing in Europe, Dr. Karmis is an active consultant to the mining industry, academic and research institutions, government agencies, engineering companies, financial and legal firms. He is an Honorary Member of AIME, a Distinguished Member of SME, a Fellow of the Institute of Quarrying and a Fellow of the Institute of Materials, Minerals and Mining. He has received numerous awards and recognitions by major scientific, educational, professional and industrial organizations.