This conference aims to bring together interested parties from around the world to exchange ideas on energy production, including mining, oil and gas production, and electrical power generation, and the impacts on the environment and society. The goals of this meeting are: to discuss 1) existing and emerging problems, 2) appropriate and innovative solutions and, 3) best practices and techniques; and to develop collaborations and open dialog on the impacts of energy production on the environment. Many of the issues relate to how environmental impacts and energy production in general affect community well-being and human health.

Prospective authors are cordially invited to submit their original contributions covering completed or ongoing work related to energy production and its impacts. Main topics include:

- Water quality issues in energy production
- Impact of energy production on habitat quality and biological communities
- Regulatory approaches for energy production
- Innovative treatment technologies for energy production environmental impacts
- Prediction and assessment of energy production environmental impacts
- Materials handling and fill design to prevent energy production environmental impacts
- Social and community impacts of energy production
- Community health impacts of energy production
- Sustainable development and energy production
- Coal mine blasting and the environment
- Next-generation eco-friendly mining and energy production systems
- Integrating reclamation, restoration and energy production planning
- Coal mine subsidence and protection of streams and aquifers
- Coal waste management
- Improving coal preparation plant environmental performance
- Economic impacts of energy production
- Natural gas production and water issues
- Disposal and management of coal combustion residuals
- Legal issues related to energy production
- Energy policy and social, community and environmental impacts

**IMPORTANT DATES**

- Deadline for abstract submission: April 1, 2012
- Notification of acceptance: May 1, 2012
- Draft paper due for peer review: September 30, 2012
- Comments due to authors: November 30, 2012
- Deadline for final papers: January 15, 2013

ARIES and the Organizing Committee will provide peer-review of all papers, which will be incorporated in a proceedings volume published by SME.

**TENTATIVE SCHEDULE**

**Sunday, April 14, 2013**
- Short courses
- Registration
- Hosted Reception

**Monday, April 15, 2013**
- Plenary Keynote session
- Technical session
- Hosted lunch in exhibit hall
- Technical sessions 2
- Reception
- Conference Banquet with speaker

**Tuesday, April 16, 2013**
- Technical sessions
- Hosted luncheon with speaker
- Technical sessions

**Wednesday, April 17, 2013**
- Technical sessions
- Plenary closeout session

**Thursday, April 18, 2013**
- Optional field trip

**ORGANIZING COMMITTEE**

- Dr. Michael Karmis, chair
- Dr. John Craynon, co-chair
- Thomas Cook
- Chris Jenkins
- Gene Kitts
- Jeff McCulloch
- Jim McWilliams
- John McDaniel
- Brian Osborn
- Danny Smith
- John Snider
- Chris Stanley
- Kevin Wall
- Shelley Williams

- Bob Zik
- Dr. Mindy Armstead
- Dr. R.J. Briggs
- Dr. Jeanine Buchanich
- Dr. William Burgos
- Dr. W. Lee Daniels
- Dr. Rick Honaker
- Dr. Anthony Iannacchione
- Dr. Vlad Kecojevic
- Dr. Jerry Luttrell
- Dr. Emily Sarver
- Dr. Richard Warner
- Dr. Paul Ziemkiewicz