



GLOBAL METHANE INITIATIVE

Coal Mines Subcommittee Virtual Meeting – 23 July 2020

Challenges and Opportunities for Capture and Use of CMM in the COVID-19 World Panel Speakers

Ms. Selina Huang

Project Manager, China National Coal Group Corporation (China)

Ms. Huang is a research fellow and project manager at the China National Coal Group Corporation (ChinaCoal), the second largest coal producer in China. She joined ChinaCoal in August 2017 after receiving a Master's degree from West Virginia University in the United States. Her primary focus is the conversion of coal to chemicals, coal to power, and coal mine methane (CMM) projects. She has presented about clean coal projects during the Asia-Pacific Economic Cooperation in Russia and is helping to draft the China National Coal Group's 14th 5-year strategic plan (2021-2025). As a key player in the international department, Ms. Huang is helping the China Coal Group expand its business globally.

Mr. Rajiw Lochan

General Manager, Central Mine Planning and Design Institute, Coal India Ltd (India)

Mr. Lochan earned a Master of Science in Geology and began working as a coal geologist at Coal India Limited (CIL) in February 1987. He has since worked at the Central Mine Planning and Design Institute (CMPDI), a subsidiary of CIL, pursuing the development of coal based non-conventional energy resources such as Coalbed Methane (CBM), Underground Coal Gasification (UCG), and Shale Gas. He currently serves as the General Manager of the Clean Energy Department (CED), and under his leadership, the India Coal Mine Methane (CMM)/CBM Clearinghouse is coordinating with the U.S. Environmental Protection Agency (EPA) and GMI on coal-related projects. He successfully implemented a maiden demonstration project on CBM recovery and its commercial utilization, and he is planning a maiden demonstration project on CMM Drainage at the Moonidih UG mine of BCCL.

Mr. Michael Coté

President, Ruby Canyon Engineering (United States)

Mr. Coté is an experienced coal mine methane and carbon market professional. For the past 20 years, he has worked with EPA's Coalbed Methane Outreach Program (CMOP) on various aspects of the coal mine methane industry, including overcoming barriers to project development. Michael is a co-founder of Ruby Canyon Environmental, a greenhouse gas (GHG) consulting firm that focuses on methane-to-energy projects at coal mines, landfills, and livestock operations. In addition, Ruby Canyon works in all U.S. and Canadian greenhouse gas programs as a 3rd-party verification body and is considered a GHG expert in Latin American carbon markets. Michael received his Bachelor of Science in environmental science & management from Colorado Mesa University in 1997.

Dr. Jacek Skiba

Chief Specialist, Central Mining Institute of Katowice (Poland)

Dr. Skiba graduated from the AGH University of Mining and Metallurgy in Cracow, Poland in 1991 with a specialization in mining automation and metrology. For the last 17 years, he has been employed by the Central Mining Institute of Katowice (Poland), working in the gas hazard department. His main focus of work is in CMM capture and utilization, as well as CO₂ sequestration in deep geological formations. His professional career started in one of the gassiest Polish coal mines called "Brzeszcze," where he focused on CMM, CBM, and Ventilation Air Methane (VAM) extraction and utilization. Dr. Skiba is the Deputy Chairman of the UNECE Group

of Experts on CMM in Geneva and actively represents Poland in GMI's Coal Mines Subcommittee. He is Secretary General of the International Organizing Committee of the World Mining Congress and a technical expert of the European Commission and the European Association for Coal and Lignite (EURACOAL). He has authored and co-authored many publications focused on CMM and CO₂ storage and sequestration.