



## “Heading for Deeper Water”

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### **Biography: Dr. Prasanta Mukhopadhyay, Global Geoenergy Research Limited**

Prasanta K. Mukhopadhyay, known as Dr. Muki, is currently the President of the Global Geoenergy Research Limited, Halifax, Nova Scotia, Canada. Since 2002, Muki has been nominated as an Adjunct Professor at the Earth Sciences Department, Dalhousie University and since then he guided PhD and Masters Students at the Dalhousie University on various aspects low temperature organic geochemistry, organic petrology, and petroleum system modeling and hydrocarbon charge risk assessment. He holds Professional Geologist license (P. Geo.) from the Association of Professional Geoscientists of Nova Scotia, Canada (APGNS).

He has a PhD Degree in Coal Geology from Jadavpur University, Calcutta, India with his Dissertation entitled “Organic Maturation Studies and Coal Facies Analysis” in 1971. In 1975-1976, Dr. Muki received one of the most Prestigious Post-Doctoral Humboldt Research Fellow from the Alexander Von Humboldt Foundation, Bonn, West Germany (current Germany) for two years.

Dr. Muki has thirty (30) years of research experiences in petroleum geochemistry, heat flow or maturation, and on the application of petroleum systems risk assessment and basin evaluation in any frontier and other basins of the world for both conventional (shallow to ultra deepwater) and unconventional petroleum resources. He is one of leading scientist on application of maturation (heat flow and temperature analysis on both organic and inorganic parameters), organic facies and petroleum source rock and oil geochemistry for both conventional and unconventional resources evaluation.

During the past 25 years, he is actively involved in multiphase research and oil and gas prospect evaluations on both for the conventional and unconventional petroleum systems. Dr. Muki’s work is mainly concentrated to the deepwater marine or lacustrine and ultra deepwater marine basins of the world (eg. Scotian Basin; Gulf of Mexico; Grand Banks; Nankai Trough; Permian Basin; Los Angeles Basin; South China Sea; Maritimes Basin etc.). This research includes the interpretation of the geological, geophysical, geochemical, and petroleum system modeling data and writing of final research report for various oil companies and the universities from North America and other parts of the world.