



Micro-Mechanism and Characteristics of Coal Reservoirs

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Message from the Guest Editors

Dear Colleagues,

As a complex porous medium, coal reservoir has the characteristics of low porosity, low permeability, and low saturation. Coal reservoir is not only the main space for coalbed methane (CBM) enrichment, but also the main channel for CBM seepage. The adsorbed methane is mainly controlled by the microstructure characteristics. In recent years, the description and evaluation of the microscopic characteristics of coal reservoirs have been the focus of CBM exploration and development, which mainly includes research on the pore structure, fluid characteristics, molecular structure, pore size distribution, adsorption, and other aspects of coal reservoirs. The present Special Issue on “Micro-Mechanism and Characteristics of Coal Reservoirs” is proposed to discuss the key characterization of the microstructure of coal reservoirs and understand the specific characteristics and differential characteristics of coal reservoirs in China. It also provides some information for the exploration and development of coalbed methane.





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Message from the Editor-in-Chief

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