

Review Form2

Book Name:	THERMODYNAMICS STUDY ON THE COAL BED METHANE ADSORPTION CHARACTERISTIC
Manuscript Number:	Ms_BPR_2805
Title of the Manuscript:	THERMODYNAMICS STUDY ON THE COAL BED METHANE ADSORPTION CHARACTERISTIC
Type of the Article	Complete Book

PART 1: Review Comments

Compulsory REVISION comments	Reviewer’s comment	Author’s Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof3-4 sentences may be required for this part.	A better understanding of the thermodynamic characteristics of methane (CH ₄) adsorption on coal surfaces is needed for the high-efficiency coalbed methane (CBM) preextraction or prevention of coal and gas outbursts.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Abstract of the article comprehensive	
Are subsections and structure of the manuscript appropriate?	Subsections and structure of the manuscript appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof3-4 sentences may be required for this part.	The different components removed have little effect on the heat of adsorption; instead, variations in the degree of coalification do. Water partially reduces the adsorption capacity of methane, which causes the methane coal adsorption system to attain equilibrium and release less heat. The study's findings provide a quantitative insight of the thermodynamic and adsorption characteristics of extracted coal molecules with intricate architectures.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	References sufficient and recent	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Fine	
Optional/General comments	Accept	

PART 2:

	Reviewer's comment	Author's comment(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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