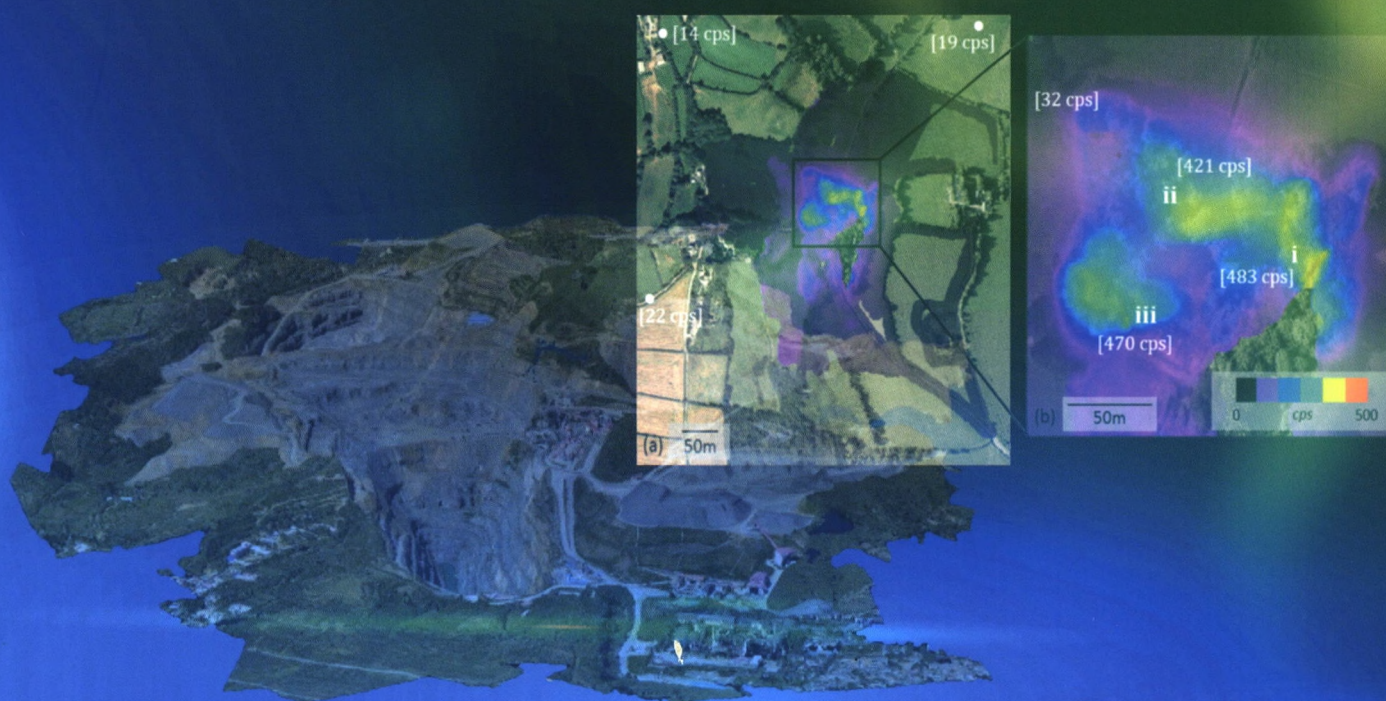


International Journal of Coal Science & Technology



A review of UAV monitoring in mining areas: current status
and future perspectives (Ren et al.)



International Journal of Coal Science & Technology

Volume 6 · Number 3 · September 2019

REVIEWS

- 301 Macro/meso failure behavior of surrounding rock in deep roadway and its control technology**
J. Zuo · J. Wang · Y. Jiang
- 320 A review of UAV monitoring in mining areas: current status and future perspectives**
H. Ren · Y. Zhao · W. Xiao · Z. Hu

RESEARCH ARTICLES

- 334 A 0-dimensional cavity growth submodel for use in reactor models of underground coal gasification**
G. Perkins
- 354 Organic petrology and geochemistry of Triassic and Jurassic coals of the Tabas Basin, Northeastern/Central Iran**
N. Zamansani · M.A. Rajabzadeh · R. Littke · L. Zieger · A. Baniasad
- 372 Non-parallel double-crack propagation in rock-like materials under uniaxial compression**
W. Pan · X. Wang · Q. Liu · Y. Yuan · B. Zuo
- 388 Effects of seasonal air temperature variation on airflow and surrounding rock temperature of mines**
X. Yi · L. Ren · L. Ma · G. Wei · W. Yu · J. Deng · C. Shu
- 399 Optimization of drill bit replacement time in open-cast coal mines**
O.F. Ugurlu · M. Kumral
- 408 The creep compaction behavior of crushed mudstones under the step loading in underground mining**
Z. Guo · Q. Wang · S. Yin · X. Kuai · D. Yan · M. Li · Y. Qu
- 419 Prediction of face advance rate and determination of the operation efficiency in retreat longwall mining panel using rock engineering system**
S. Aghababaei · H. Jalalifar · G. Saeedi
- 430 Underground mining slurry transportation viability**
B. Samanta · A.B. Samaddar
- 438 Computer simulation of coal organic mass structure and its sorption properties**
Yu.N. Zhuravlev · A.N. Porokhnov
- 445 Removal of CO₂ in a multistage fluidized bed reactor by amine impregnated activated carbon: optimization using response surface methodology**
D. Das · S.K. Behera · B.C. Meikap
- 459 Experimental evaluation of activated carbon derived from South Africa discard coal for natural gas storage**
J. Abdulsalam · J. Mulopo · B. Oboirien · S. Bada · R. Falcon

Further articles can be found at link.springer.com

Instructions for Authors for *Int J Coal Sci Technol* are available at www.springer.com/40789

ISSN 2095-8293





International Journal of Coal Science & Technology

Volume 6 · Number 3 · September 2019

REVIEWS

- 301 Macro/meso failure behavior of surrounding rock in deep roadway and its control technology**
J. Zuo · J. Wang · Y. Jiang
- 320 A review of UAV monitoring in mining areas: current status and future perspectives**
H. Ren · Y. Zhao · W. Xiao · Z. Hu

RESEARCH ARTICLES

- 334 A 0-dimensional cavity growth submodel for use in reactor models of underground coal gasification**
G. Perkins
- 354 Organic petrology and geochemistry of Triassic and Jurassic coals of the Tabas Basin, Northeastern/Central Iran**
N. Zamansani · M.A. Rajabzadeh · R. Littke · L. Zieger · A. Baniasad
- 372 Non-parallel double-crack propagation in rock-like materials under uniaxial compression**
W. Pan · X. Wang · Q. Liu · Y. Yuan · B. Zuo
- 388 Effects of seasonal air temperature variation on airflow and surrounding rock temperature of mines**
X. Yi · L. Ren · L. Ma · G. Wei · W. Yu · J. Deng · C. Shu
- 399 Optimization of drill bit replacement time in open-cast coal mines**
O.F. Ugurlu · M. Kumral
- 408 The creep compaction behavior of crushed mudstones under the step loading in underground mining**
Z. Guo · Q. Wang · S. Yin · X. Kuai · D. Yan · M. Li · Y. Qu
- 419 Prediction of face advance rate and determination of the operation efficiency in retreat longwall mining panel using rock engineering system**
S. Aghababaei · H. Jalalifar · G. Saeedi
- 430 Underground mining slurry transportation viability**
B. Samanta · A.B. Samaddar
- 438 Computer simulation of coal organic mass structure and its sorption properties**
Yu.N. Zhuravlev · A.N. Porokhnov
- 445 Removal of CO₂ in a multistage fluidized bed reactor by amine impregnated activated carbon: optimization using response surface methodology**
D. Das · S.K. Behera · B.C. Meikap
- 459 Experimental evaluation of activated carbon derived from South Africa discard coal for natural gas storage**
J. Abdulsalam · J. Mulopo · B. Oboirien · S. Bada · R. Falcon

Further articles can be found at link.springer.com

Instructions for Authors for *Int J Coal Sci Technol* are available at www.springer.com/40789

ISSN 2095-8293

