

丝绸之路绿色冶金与新材料国际产学研用 合作会议第一轮通知

2024 Silk Road International Conference on the Clean and
Integrative Field, Education, Research and Application of
Green Metallurgy and New Materials
2024.09.19-09.21

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The theme of the conference is to discuss the
development of green metallurgy and new materials, green
metallurgy, ceramic materials, composite materials and
biomaterials, and the development of green metallurgy and
new materials. The 2024 Silk Road International
Conference on the Clean and Integrative Field of
Green Metallurgy and New Materials

Theme: Geology and Materials

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Section 1: Regional Geological and Mineral Resources

Introduction: The area is rich in mineral resources, including coal, oil, natural gas, and various metals. The geological structure is complex, with diverse tectonic units. The main mineral resources are:

Summary: (1) Coal resources are abundant; (2) Oil and natural gas resources are significant; (3) Physical and chemical minerals are diverse; (4) The area has rich mineral resources. Although the mineral resources are abundant, the distribution is uneven.

a d c e a i f f i e e c h l g i e i a e e a h e a c i a d
a l i c a i a h m e a d a b a d , a d c i b e i d m a d e g h
h e c c i f " a e e a h b a e " .

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Se i 2: Efficie ili a i f a egic e ce a d f i e
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a i a l e c m , a i a l d e f e e a d m i l i a i d , a d
a e g i c e m e g i g i d i e . C d c i g e e a c h f i e
e c h l g i e f e f f i c i e i l i a i f a e g i c e c e i f g e a
i g i f i c a c e . T h e m a i d i e c i f h i b - f m a e : (1) h e
e i c h m e a d m i e a l i a i m e c h a i m f a e g i c m i e a l
e c e a d e e l a i e c h l g i e ; (2) N e e c h l g i e
a d h e i e f i e l l i g e , g e e , a d e c i e m i i g f a e g i c
m i e a l e c e ; (3) N e e c h l g i e a d h e i e f g e e a d
e f f i c i e e a a i a d e a c i f a e g i c m i e a l e c e .

c m i g e g i e e i g; (2) Ne ech l gie a d he ie f g ee
 ma e ial e a a i a d ce i g; (3) Ne ech l gie a d
 he ie f i ellige ma e ial e a a i a d ce i g; (4) Ne
 ech l gie a d he ie f ma e ial cha ac e i a i ; (5) Ne
 ech l gie a d he ie f high- h gh ma e ial e a a i ;
 (6) C di ci li a a d i e di ci li a c llab a i e ma e ial
 ech l g i a i he . Th gh he e cha ge f hi f m,
 e ill e e d i i d ial de el me , e g he
 a egic d cki g, e a d c e a i cha el , b ild a i e i e,
 efficie , a d mbi ic c llab a i e i a i de el me em,
 m e dee i eg a i be ee academia a d i d , a d j i l
 l e ke blem i he field f ma e ial cie ce.

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 与 ; (2)
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 与 。
 与 , 业

Se i 4: Silic ba ed f ie ma e ial a d ech l gie

I d c i : Silic ba ed e ma e ial ha e bec me a ke

ma e ial i g a egic i d ie ch a ai al defe e, a ia i , e e e g , a d 5G c mm ica i i ad a ced ma fac i g i d ie ch a emic d c , h l aic, li hi m ba e ie , a d ecial ce amic . C d c i g e ea ch f ie ilic -ba ed ma e ial a d ech l gie i f g ea ig ifica ce. The mai f c f hi b-f m i : (1) Silic ba ed e ma e ial a d ce i g ech l gie i he emic d c a d h l aic field , ch a me allic ilic , l -c alli e ilic , a d m -c alli e ilic ; (2) Silic ba ed e ma e ial a d ce i g ech l gie i he field f elec -chemical e e g age, ch a ilic ca b ega i e elec de ma e ial ; (3) Silic ba ed e ma e ial a d ce i g ech l gie i he field f ecial ce amic ch a ilic ca bide a d ilic i ide. Thi f m aim dee e c mm ica i a d c llab ai i he field f ad a ced ma fac i g f ilic -ba ed e ma e ial , a d m e he ai able a d heal h de el me f he ai al a d egi al e ma e ial i d .

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 。 主 为: (1)
 业 与 ; (2) 业
 ; (3) 业
 ; (4) 。

Se i 5: I d ial b a d i ellige ma fac i g em

I d c i : I ellige ma fac i g i e f he f e de el me di ec i f he ma fac i g i d , a d i d ial b a e he c e f achie i g i ellige ma fac i g. The mai ic c e ed i hi b-f m a e: (1) I d ial b a i ed high-e e g beam i ellige eldi g a d e ech l gie f addi i e ma fac i g; (2) Ne ech l g f i d ial b a i ed i - i i ellige de ec i ; (3) Big da a a d a ificial i ellige ce a al i ech l g ; (4) C mi ed i ellige ma fac i g em i eg a i ech l g . Th gh hi f m, e ill e g he d me ic a d i e a i al e cha ge a d c e a i f ie ech l gie f i d ial b a d i ellige ma fac i g em , a d c ib e i d m a d e gh m i g i ellige ma fac i g i he field fe e g , me all g , c al, chemical i d , e i me ma fac i g, a d he field i he a m egi .

、 业 、 专 、 业

Leade , e e , ch la , e ea che , a d i d fe i al f m i e i e , e ea ch i i e a d e e i e a

h me a d ab ad.

中、；

Chi e e, E gli h; T a la i e ice a e ided.

: 中

I i ia : The Mi i f Ed ca i f he Pe le' Re blic f
Chi a;

主 : 中 ;

S : Sch l Pla i g, C c i a d De el me
Ce e , Mi i f Ed ca i f he Pe le' Re blic f Chi a;
I e M g lia A m Regi De a me f Ed ca i

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O ga i e : I e M g lia U i e i f Scie ce & Tech l g

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