



Some Suggestions on the International Mine Rescue Contest

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Biography :



Wang Zhijian, Deputy Chief Executive of the National Workplace Emergency Management Center, Director General of the Mine Rescue Command Center of SAWS, China. Senior Engineer, having deep theoretical understanding of mine gas control. He has accumulated rich practical experience in the aspect of mine gas control and emergency response and rescue. He has for many times participated in the commanding operations of major mine accidents rescue. He graduated from the Mining Department of China University of Mining and Technology (CUMT) in 1977

- 1977 ~ 1982 , teaching in the Ventilation Education and Research Office of CUMT, engaged in ventilation and gas research.
- 1982 ~ 1997 , deputy mine manager of Baijiao Coal Mine of Sichuan Fu Rong Mining Bureau, in charge of mine safety and gas hazards control. Director of Ventilation division, Director of Production Technology, of Sichuan Coal Industry Management Bureau
- 1997 ~ 2000 , Director of Safety Supervision of Sichuan Coal Industry Management Bureau.
- 2000 ~ 2004 , Deputy Director General of Sichuan Coal Mine Safety Bureau , Deputy Director of the Sichuan Provincial Work Safety



1 Understanding of International Mine Rescue Contest

2 Exchange and Cooperation among mine rescue organizations of all countries

3 Prospects for the 6th International Mine Rescue Contest

4 Some thoughts over the international mine rescue contest

Training is the fundamental job for the National Mine Rescue Command Center



On June, 2004, the Vice Minister Mr. Wang Dexue led a delegation to visit Poland to participate in the 4th contest, and applied to the International Mine Rescue Organization for hosting the 5th International Mine Rescue Contest.

Thanks to the support from all member countries and China has successfully got the sponsorship for the 5th International Mine Rescue Contest.

第五届国际矿山救援 技术竞赛规则

2 Exchange and Cooperation among mine rescue organizations of all countries



2.1 International and standard competition rules

第五届国际矿山救援技术竞赛组委会
二〇〇五年七月二十五日

RULES OF THE 5TH INTERNATIONAL MINE RESCUE CONTEST



THE ORGANIZING COMMITTEE OF THE 5TH
INTERNATIONAL MINE RESCUE CONTEST
July 25, 2005



Experts and Judges team observing US Mine Rescue Contest





Setting the competition events accordingly, simulated mine rescue, first aid and the benchmen's contest



The competition rules have been recognized by all teams as scientifically reliable, handy and pragmatic.





2.2 The contest has been a success under the great support of all participating countries



煤集团公司预祝竞赛活动圆满成功

合作 交流

提高

发展

Cooperation - Communication - Improvement - Development

CONTEST
THEME



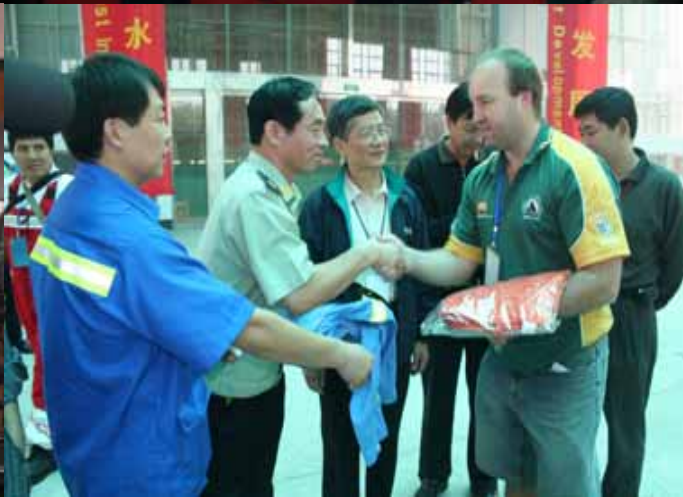
11 teams from 8 countries took part in the competition. They are Australia, Peru, Poland, USA, Ukraine, Russia, India and China.





Mongolia, Vietnam and Canada have sent delegates to observe the contest.





Although the players are opponents to one another on the field, and they spared no effort in competing with one another, they are all good friends of each other outside the field, which fully demonstrated the theme of the contest. Our counterparts highly commented the contest as the Olympic games for the international mine rescue field.



In order to ensure the authority and equity of the contest, we have invited experts from all competing countries to attend the Arbitration Committee of the International Mine Rescue Contest, responsible for technical consultation, disputes arbitration, and coordination.



The contest has been soundly organized in order, focusing on more open, fair and just





The competing teams have showcased their excellent technical and tactical abilities, enhancing the competition level.

Teams waiting for their turns in the isolation area during the contest



Australia with good equipments





Passionate Peru





Poland with good results





S t r o n g U S A



P r e c i s e R u s s i a





Well trained Ukraine team





India: Serious and accurate

Dynamic young players from China



2.4 Building a platform for exchange and cooperation relying on enterprises

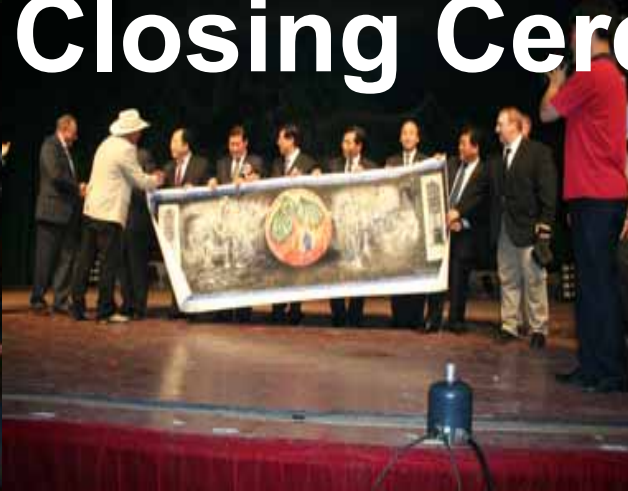
The 5th contest was hosted by Pingdingshan Coal Group, China. Not only had they sent a competitive team for the contest, but also they encouraged all employees of the group to involve in the contest



Grand Opening Ceremony



Exciting Closing Ceremony





Gala for mine rescuers



国际矿山救援技术研讨会

THE INTERNATIONAL SYMPOSIUM ON MINE RESCUE TECHNOLOGIES

2006年9月
SEPTEMBER, 2006



The Organizing Committee also hosted the International Symposium on Mine Rescue Technologies and received high quality papers from China, Canada, India, Poland and USA etc. the attendees had a warm discussion in the area of mine rescue experience, technology, challenges and developing trend.



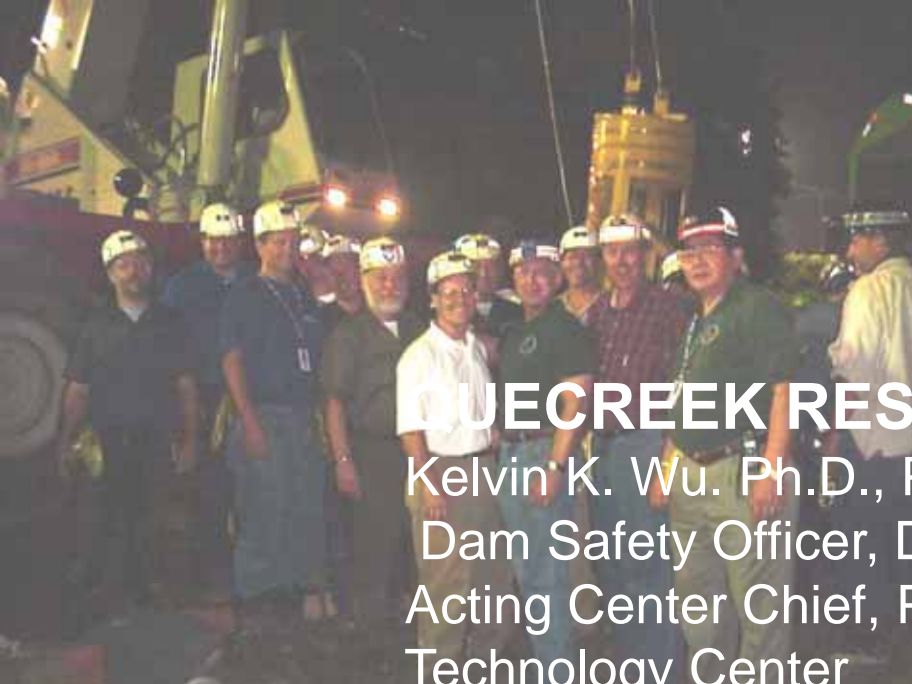
Polish mine rescue system and case study

Piotr LITWA PhD. Eng.

Mirosław KOZIURA MSc. Eng.



The emblem of Polish mining rescue presents two clasped hands. The first one belongs to an injured miner and begs for help, the second one is of a mining rescuer that brings salvation.

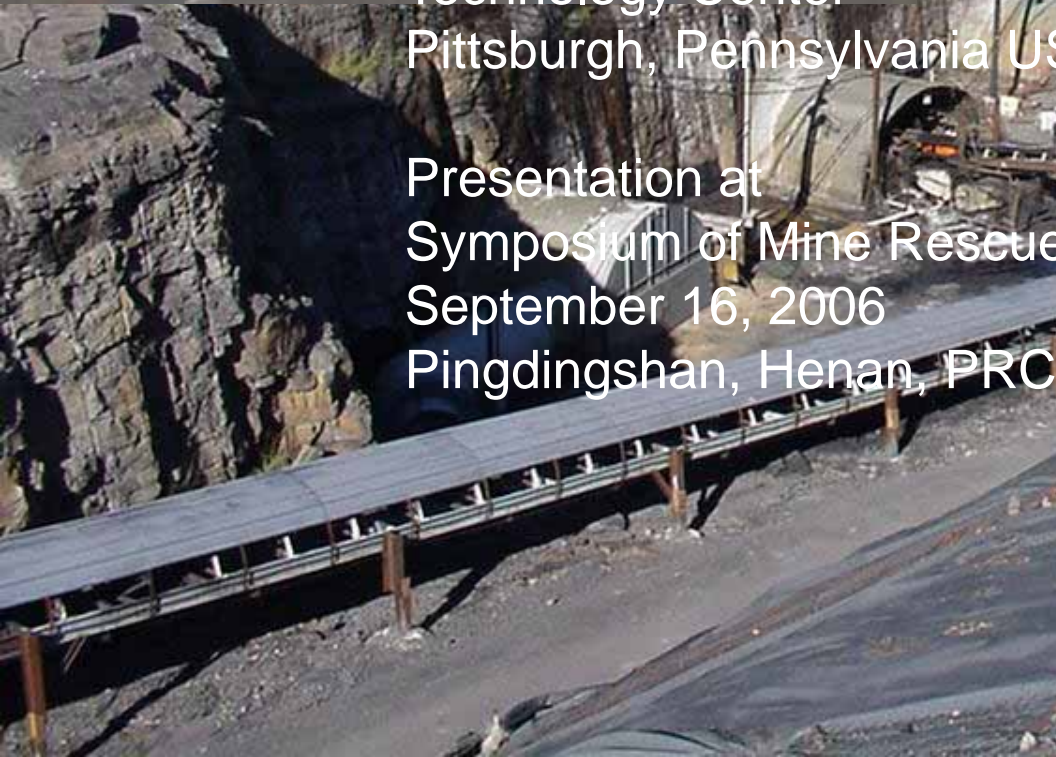
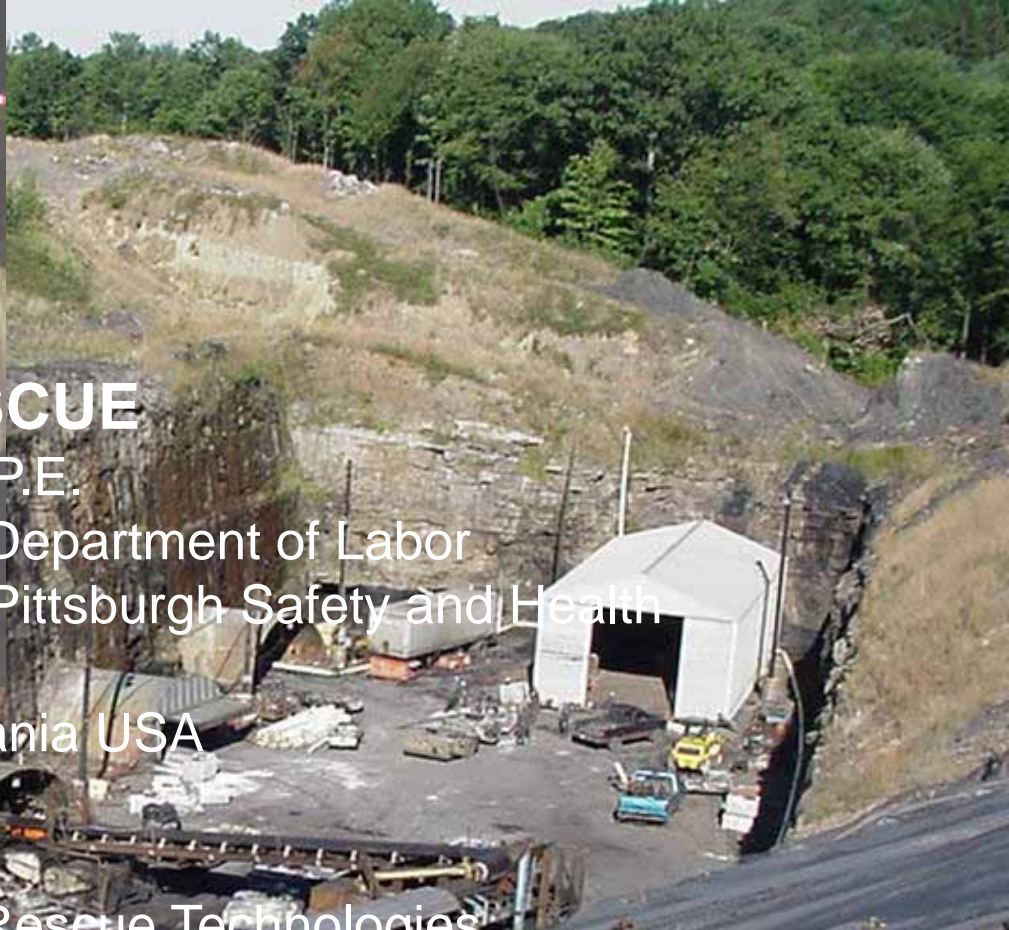


DUPECREEK RESCUE

Kelvin K. Wu, Ph.D., P.E.

Dam Safety Officer, Department of Labor
Acting Center Chief, Pittsburgh Safety and Health
Technology Center
Pittsburgh, Pennsylvania USA

Presentation at
Symposium of Mine Rescue Technologies
September 16, 2006
Pingdingshan, Henan, PRC





The Mine Rescue Technologies and Equipments Exhibition attracted over 70 scientific research institutes and academies, and factories





Sponsorship from Neutronics Inc (BIOPAK-240),
Pennsylvania, US, and Shanxi Hong An Company
(BG4 Agent Company)





Ukraine and Australia put forward specific plans for hosting the contest. Through discussion of the heads of all delegations, via open and unanimous voting process, Australia has won the sponsorship for the 6th International Mine Rescue Contest.



The Vice Minister Mr. Wang Xianzheng has passed the Safe Bao Ding which symbolizes the sponsorship for the 6th International Mine Rescue Contest to the representative of Australia government.

4 Some thoughts over the international mine rescue contest

4.1 Promoting further improvement of competition rules

4.2 Standard field layout and international judges

4.3 Keeping the traditional events and probing for new events

4.4 Strengthening theoretical research of the rules

4.5 Making the simulated mine rescue event closer to the reality

4.6 Improve First Aid Contest



4.4 Strengthening theoretical research of the rules

For the contest, we can provide the wind resistance parameters for the parallel connected drifts. And the rescue team themselves make judgment whether there is airflow passing through.



4.6 Improve First Aid Contest

We suggest integrating A(CPR), B(Artificial respiration) ,C(foreign body obstructed airway and unconscious patient) of Station 1 into one event.



We suggest integrating Station 2 (patient evaluation, hemostasia and anti-shock) and Station 3 (wound, burning, scald and skeleton trauma and patient transportation) into one event.





Thank you

Again we would like to express our thanks to all mine rescue organizations for their support and help. The Mine Rescue Command Center of SAWS will keep supporting and actively take part in the activities of the International Mine Rescue Organization. By establishing the platform for promoting the development of international mine rescue, we will promote our exchange and cooperation with the international community, strengthen our friendship, accelerate our steps in building the mine rescue system, and do our best to ensure miners' safety.