

Seminar on Efficient Development and Utilization of Copper Resources for Developing Countries

Project Description

Full Name	Seminar on Efficient Development and Utilization of Copper Resources for Developing Countries		
Organizer	Jiangxi Vocational College of Foreign Studies		
Holding Time	November 7 – November 27, 2023	Language	English
Invited Participants	Government officials or technicians in the field of copper resources		
Planned Number of Participants	25		
About the Participants	Age	Under 50 years old for participants at director-general's level; under 45 years old for participants at or under division director's level.	
	Physical Health	In good health with health certificates or medical examination forms issued by local public hospitals; without diseases prohibited from entry by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular and cerebrovascular diseases and diabetes; without mental illnesses or infectious diseases that may pose serious threats to public health; not during the postoperative recovery period after a major operation or during the outbreak period of acute diseases; without severe physical disability; non-pregnant.	
	Language Ability	Fluency in listening, speaking, reading and writing in English	
	Others	Participants who come to China for training are not allowed to bring spouses or relatives.	
Host City	Nanchang City, Jiangxi Province	Temperature	10°C-18°C
Cities to Visit	Beijing City, Shanghai City, Jiujiang City, and Dexing County of Shangrao City of Jiangxi Province	Temperature	Beijing: 0°C-10°C Shanghai: 9°C-17°C Jiujiang City: 10°C-17°C Dexing County: 11°C- 18°C
Notes	<ol style="list-style-type: none"> 1. Please prepare valid passport and visa in advance. 2. If you are unable to depart under special circumstances or your flight delays when transfer, please timely inform project contact of the latest flight status so that we can arrange for pick-up. 3. Changing international air ticket is not allowed in principle, if you indeed need, please contact Economic and Commercial Office to apply for changing ticket. The costs and responsibilities arisen from unauthorized changing will be borne by you. 4. Please confirm whether you need to have luggage checked for transfer; when you arrive in Nanchang, please take all luggage and wait at domestic arrival exit. Our staff will hold a pickup sign indicating "Jiangxi Vocational College of Foreign Studies" to pick you up. If you wait for more than 15 minutes, you may call our contact. 		

	<p>5. If you lose your checked luggage, please register with the airline. Before the registration, please call the contact first to confirm the luggage delivery address.</p> <p>6. Please pay attention to the temperature of the host city, and carry appropriate clothes; please prepare comfortable shoes for visit; formal wear or national dress is required for important activities of the seminar.</p> <p>7. Please take along small quantity of commonly used drugs.</p>	
Contact of the Organizer	Project or Pick-up Contact	Jian Tengfang
	Office Phone	0086-0791-88356201
	Cell Phone	0086-15797918662
	Fax	0086-0791-88352841
	WeChat	JTFpkin
	Email	wywmpxzx@163.com
About the Organizer	<p>Jiangxi Vocational College of Foreign Studies is the only higher vocational college dominated by training foreign language and foreign economic and trade application-oriented talents in Jiangxi Province, it is a co-developed college of the People's Government of Jiangxi Province and the Ministry of Commerce of China and one of the first batches of MOFCOM Training Bases for International Business Officials. The college is a national high-quality higher vocational college, and one of the first batches of Demonstrative Higher Vocational Colleges in Jiangxi Province. It was awarded the title of one of Top 50 Vocational Colleges of International Influence of China for two consecutive years.</p> <p>The college now has more than 15,000 students, and sets up 47 majors, involving 11 languages including English, French, Arabic, Spanish, Portuguese, Russian, etc. Meanwhile, it has a fully equipped hotel integrating training, teaching, conference and leisure, with strong reception capacity.</p> <p>The college has been the organizer of foreign aid training projects since 2010, covering over 10 fields such as public administration, energy and minerals, trade and economy, manufacturing industry, party and government, business services, water conservancy and environmental management, culture and sports, transportation and logistics, and financial industry. And these projects involve technical training courses and seminars at ministerial and director's level. By the end of December 2022, the college had successfully organized 230 foreign aid training projects, including 43 projects organized online, and had trained 6,023 international business officials from 134 countries and regions. Abundant experience in foreign aid training has laid a solid foundation for the college to continue to undertake national tasks for foreign aid training.</p> <p>In recent years, the college has successively organized many seminars like "Seminar on Efficient Development and Utilization of Copper Resources for Developing Countries", "Seminar on Mineral Resources Development and Management for Developing Countries" "2019 Overseas Seminar on Geology, Mineral Resources and Mining Development in Myanmar" "2019 Seminar</p>	

	<p>on Development and Management of Mineral Resources in Chad” “2018 Seminar on Development and Management of Mineral Resources in Ghana”, etc., having achieved well received training effect.</p>
Seminar Content	<p>This seminar will be conducted in a combination of lectures, discussions and visits, and main courses are as follows:</p> <p>1. Lectures</p> <p>(1) National Conditions of China: introduce the current development, development concepts and development initiatives of China;</p> <p>(2) In-depth Analysis of Global Copper Resource Pattern: based on the reserve, production control and equity information of major copper companies, analyze the characteristics of market entities in the current global copper resource pattern;</p> <p>(3) Open-pit Mining Technology of Copper Resources: comprehensively analyze the current features suitable for open-pit mining in all respects and introduce the development of open-pit technology and equipment of copper resources based on the technical status of copper deposit;</p> <p>(4) Underground Mining Technology of Copper Resources: comprehensively analyze the current features for underground mining in all respects and introduce the development of underground mining technology and equipment of copper resources based on the technical status of copper deposit;</p> <p>(5) Efficient Separation Technology of Copper Resources: introduce the features and trend of efficient separation technology of copper resources, beneficiation reagent and copper ore;</p> <p>(6) Solid Waste Recovery and Comprehensive Utilization Technology in the Copper Mine: introduce the application of copper waste in the recovery of valued metals or minerals, expound its application in industrial and agricultural production, goaf backfilling and other fields, and realize the reduction and even zero discharge of solid wastes;</p> <p>(7) Safety Problems and Emergency Rescue Measures of Copper Resources: introduce the safety situation of exploitation and utilization of copper resources, concept of safety risk management system and the corresponding emergency rescue measures;</p> <p>(8) Environmental Protection Problems and Countermeasures of Copper Resources Development and Utilization: present the specific factors affecting effective environmental protection during the exploitation and utilization of copper resources and the measures;</p> <p>(9) Design and Management of Modern Copper Mine: introduce the design concept and management mode of modern copper mine based on such elements as exploitation, laneway, mining method, technical equipment and information system;</p> <p>(10) Construction Standard and Case Analysis of Large Copper Mines and Green Mines: the green mine construction standard of nine industries released by the Ministry of Natural Resources of China is the first national green mine construction standard worldwide. A large copper mine is taken as an example to introduce the construction standard of green mine;</p> <p>(11) Overall Solution of Intelligent Information Platform for Large Copper Mine: Based on the Internet of Things, apply advanced technologies such as big data, cloud computing and 5G communication to actively perceive these steps including production, safety, technology and security of large open-pit and underground copper mines. And computer technology is used to fuse, share, process and analyze massive data. Disaster early warning, safe production, less and unmanned mining, green mine intelligent mode and goals can be made as soon as possible with vehicle scheduling, AI recognition, equipment early warning, intelligent operation and maintenance, intelligent analysis and decision-making;</p>

(12) Outline of Green Smelting Technology of Copper Resources: analyze the importance of resource recycling performed by copper smelting unit and recycling defects, make clear that resource recycling is a pressing problem. With full use of waste slag, steam, scientific treatment of waste gas and other measures, the copper smelting unit can achieve green and sustainable development;

(13) Dam-Break Disaster Mechanism and Early Warning Evaluation Technology of Copper Mine Tailing Ponds: introduce the typical dam-break disaster mechanism and modern early warning evaluation technology of copper mine tailing ponds through examples;

(14) Outline of High Quality Copper and Copper Alloy Technology: Share the basic principle, heat treatment and processing technology of high performance copper alloy, and focus on the heat treatment and processing technology commonly used at home and abroad;

(15) Outline of High-end Electrolytic Copper Foil Technology: introduce a variety of high-end electrolytic copper foil production technology in China and the market demand and development opportunities of this industry;

2. About the lecturers

(1) Rao Guisheng: Professor, Senior International Business Engineer;

(2) Zhong Wen: Associate Professor, Jiangxi University of Science and Technology;

(3) Li Xiaoshuang: Professor, Shaoxing University;

(4) Rao Yunzhang: Professor, Jiangxi University of Science and Technology;

(5) Ai Guanghua: Professor, Jiangxi University of Science and Technology;

(6) Feng Bo: Professor, Jiangxi University of Science and Technology;

(7) Li Haigang: Senior Engineer, Jiangxi Provincial Research Institute of Emergency Management;

(8) Chen Yunnen: Professor, Jiangxi University of Science and Technology;

(9) Wang Xiaojun: Professor, Jiangxi University of Science and Technology;

(10) Wang Liang: PCOSS-Fellow, China University of Mining and Technology;

(11) Jiang Song: Associate Professor, Xi'an University of Architecture and Technology;

(12) Liu Fupeng: Associate Professor, Jiangxi University of Science and Technology;

(13) Wang Guangjin: Professor, Kunming University of Science and Technology;

(14) Xiao Xiangpeng: Associate Professor, Jiangxi University of Science and Technology;

(15) Tang Yunzhi: Professor, Jiangxi University of Science and Technology;

3. Symposium

(1) The participants will exchange their views on the status quo of the development and utilization of copper resources in each country;

(2) The participants will exchange their views on the efficient separation technology and utilization of copper resources;

(3) Result exchanges;

4. Visit

(1) Pay a visit to relevant national key laboratories of resources and environment;

(2) Pay a visit to relevant enterprises for the investigation and learning of research, development and manufacturing of copper resources.

5. Materials required

(1) A self-introduction about your work ;

(2) The current status and problem of copper resources development and management in your country, etc.

