

Mining Course (RS/Exploration) 資源コース(RS/探査)		Continuing	
Target Countries : Resource- rich countries: Target countries of KIZUNA Program			
Course No. : 201984608-J002			
No. : 201984608			
Sector : Natural Resources and Energy/Mining			
Sub-Sector :			
Language : English			
Outline			
This training is for governmental officials (technocrats) and educators/ researchers to learn effective way of planning and implementation of exploration, remote sensing and GIS in the field of mineral resources exploration, development and environmental measures. The training will be held under cooperation with mining related organizations and universities, and aimed to formulate network between participant's countries and Japan. Participants of this training are nominees of JICA KIZUNA Program or ex-participants of the Program.			
Objective/Outcome		Target Organization / Group	
【Objective】 To acquire knowledge and capacity of mineral exploration through learning the basic theory and practice of mineral resources exploration, development and environmental measures utilizing remote sensing/ GIS 【Outcome】 (1) To learn the current situation and issues of mining sector in each country, and to understand effectiveness of remote sensing/GIS and mineral exploration on mineral resources exploration, mining development and environmental measures (2) To learn the basic theories and techniques of remote sensing/GIS and mineral exploration (3) To learn the knowledge and technique for practical utilization of remote sensing/GIS and mineral exploration (4) To understand the relation between laboratory works and field practical work for mineral resources exploration (5) To integrate field data for verifying the result of satellite image analysis and future making plan (6) To enhance the capacity to draft resources exploration plan through practice		【Target Organization】 Ministry related with Mineral Resources, University, etc. 【Target Group】 (1) Under 40 years old and working in government, government related organization or university in the field of mineral resources exploration. (2) More than 3 years work experience in this field (including research, lecture) (3) Graduated university in the field of Geology or Mining (4) Have enough English and PC skill (5) In good health	
Contents			
(1) Learn roles of remote sensing/GIS on mineral resources exploration, development and environmental measures (2) Practice regarding processing/ analysis of remote sensing data and GIS method (3) Lecture, laboratory work, field practice regarding basic mining geology (4) Lecture and practice regarding exploration techniques utilizing remote sensing (5) Site visit (6) Formulation and presentation of exploration plan of mineral resources exploration		Course Period	2019/10/1~2019/11/1
		Department in Charge	Industrial Development and Public Policy Department
		JICA Center	JICA Tohoku
		Cooperation Period	2018~2020
Implementing Partner	JSS/Kyushu University/Akita University		
Remarks and Website			