

The 1st Workshop between KIGAM and DMR

I. The Workshop Background

The aims of the workshop are to expand the KIGAM-DMR relationships beyond the CCOP and to diversify the bilateral cooperation. Since 2016, both organizations have discussed the common R&D interests and the possible joint research areas. In 2018, the KIGAM delegates (Headed by Dr. Samgyu Park) visited DMR and the DMR delegates (Headed by Mr. Naramese Teerarungsigul) visited KIGAM in 2019. The talks between the two organizations led to the first MOU signing during the 55th CCOP Annual Session in 2019.

Soon after, both organizations attempt to organize the workshop(s), but the COVID-19, the global pandemic, halted many of the inter-organizational activities in the year 2020. In 2021, KIGAM and DMR decided to organize the 1st online workshop on the training center and the geological museum on Tuesday 16 March 2021. Both sides were satisfied with the cooperative agendas and the plans in which discussed and agreed upon previous meetings and concluded to deepen the cooperation shall lead to strengthening the partnership between KIGAM and DMR.

The following list is the participants from both organizations:

Organizations	Name	Title of Positions
KIGAM	Dr. Bok Chul Kim	President
	Dr. Samgyu Park	Director of Global Cooperation Division
	Dr. Sujeong Lee	Head of the International School for Geoscience Resources (IS-Geo)
	Dr. Seung-Bae Lee	Head of Geological Museum
	Mr. Hee Soo Kim	Head of International Cooperation Department
	Dr. Jeong Chan Kim	Principal researcher of Geological Museum
	Dr. Hang-Jae Lee	Senior researcher of Geological Museum
	Ms. Hayoung Noh	Senior administrator of International Cooperation Department
	Mr. Seokjun Lee	Senior administrator of International Cooperation Department
	Ms. Mina Park	Administrator of International Cooperation Department
	Ms. Eunsu Lee	Senior administrator of IS-Geo
	Dr. Yoon Jung Choi	Post-doctorate researcher of IS-Geo
	Mr. Chanung Park	Administrator of IS-Geo
	DMR	Dr. Sommai Techawan
Mr. Naramese Teerarungsigul		Senior Expert of Mineral Resources Management
Dr. Suree Teerarungsigul		Senior Expert of Geological Resources and Development
Prof. Dr. Punya Charusiri		Special Expert of International Cooperation
Mr. Suvapak Imsamut		Director of Geotechnology Division
Dr. Apsorn Sardud		Director of Mineral Resources Analysis and Identification Division
Dr. Somsak Wathanaprida		Director of Fossil Protection Division
Mrs. Supaporn Worakanok		Director of Geological Resources Conservation and Management Division

	Dr. Darunee Saisuttichai	Director of Mineral Resources Office Region 2
	Mr. San Assavapatachara	Director, Geological Information and Standard Section
	Ms. Janram Putthasem	Director of International Cooperation Section,
	Ms. Orn-uma Summart	Director of Sirindhorn Dinosaur Museum, Kalasin Province
	Mrs. Juraluk Navephap	Director of the Golden Jubilee National Geological Museum
	Dr. Siriphorn Soongpankhao	Acting Director, Rayong Rock and Mineral Research Center
	Ms. Patchara Sangoen	Geologist of International Cooperation Section

II. Discussions

Both organizations share common originality focusing on the security of mineral resources and implementation of geoscience knowledge. However, geoscience R&D areas and applications of geoscience are different, and it shall bring diverse perspectives in cooperating in the training center and geological museum.

1. Training Center

- 1) The Head of KIGAM IS-Geo (Dr. Sujeong Lee) introduced the general information about facilities, programs, and plans to absorb the need-based future projects. The IS-Geo uses YouTube® for uploading the prerecorded lectures and live lectures in the near future. Moreover, they developed the ‘Homeschooling Kits’ and interactive video tutorials for young geoscientists.
- 2) As of the moment, Director of Mineral Resources Analysis and Identification Division, DMR (Dr. Apsorn Sardud) shared the visions for establishing training centers by introducing its unique resources: (1) 4M Research Management*, (2) Meeting Organized Team (3) and Places (4) Reasonable Accommodations and Facilities.
* DMR 4M Research Management: Manpower, Mineral Resources Management, Methodology, and Money
- 3) IS-Geo proposed a CCOP training program in Thailand as an initiative joint project. DMR responded to recommend the Rayong Rocks and Mineral Research Center in the Rayong Province for the possible joint training program. To develop the plan, a further discussion should be needed between the two organizations.

2. Geological Museum

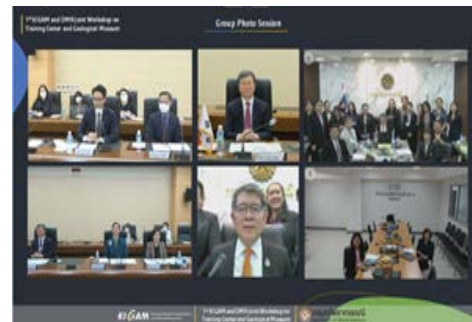
- 1) The Head of the Geological Museum of KIGAM (GMK, Dr. Seung-bae Lee) introduced the GMK in general functions, strength, and roles. Dr. Lee emphasized that the GMK is an R&D functioning geological museum with two-fold strategies to develop and manage, which is done by research-based project programs. The GMK promotes visitor-friendly facilities by running the ‘Geoscience Eureka’ webpage and DIY kits for school children.
- 2) Director of the Golden Jubilee National Geological Museum, DMR (Mrs. Juraluk Navephap) also informed us about geological museums, which are seven geological museums all over Thailand. They have well-organized geo-specimen repositories, specializing in linking to the renounced Geo-parks in managing the geological museums.
- 3) The GMK asked about any (legal) difficulties in organizing exhibitions by exchanging the real bone fossils and mineral specimens. Further discussions will be needed in more detail

later.

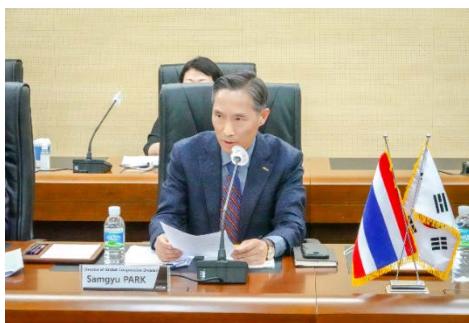
III. The Agreements and Following Agendas

- 1) The workshop ended with the agreement to organize side meetings by issuing for further cooperative works.
- 2) Delegations also hoped to have follow-up individual workshops on training centers and geological workshops in the near future.
- 3) After the COVID-19 settles down, DMR would like to invite the KIGAM delegation to visit the DMR's Head Office and facilities, including the Museums and the Training Center so that both organizations will be able to discuss face-to-face and find out the specific cooperation items in detail.
- 4) Dr. Apsorn Sardsud, Director of Mineral Resources Analysis and Identification Division, DMR and Mr. Hee Soo Kim, International Cooperation Department of KIGAM have been assigned to be contact persons for KIGAM-DMR Cooperation.

IV. Photos



The Online Group Photos between KIGAM and DMR Delegates



Dr. Samgyu Park,
Director of Global Cooperation Division



The DMR Group photo during the workshop



Mr. Hee Soo Kim
Head of International Cooperation
Department



Ms. Janram Putthasem
Director of International Cooperation Section



Dr. Sujeong Lee
Head of IS-Geo



Dr. Apsorn Sardsud
Director of Mineral Resources Analysis and Identification Division



Dr. Seung Bae Lee
Head of Geological Museum



Mrs. Juraluk Navephap
Director of the Golden Jubilee National Geological Museum