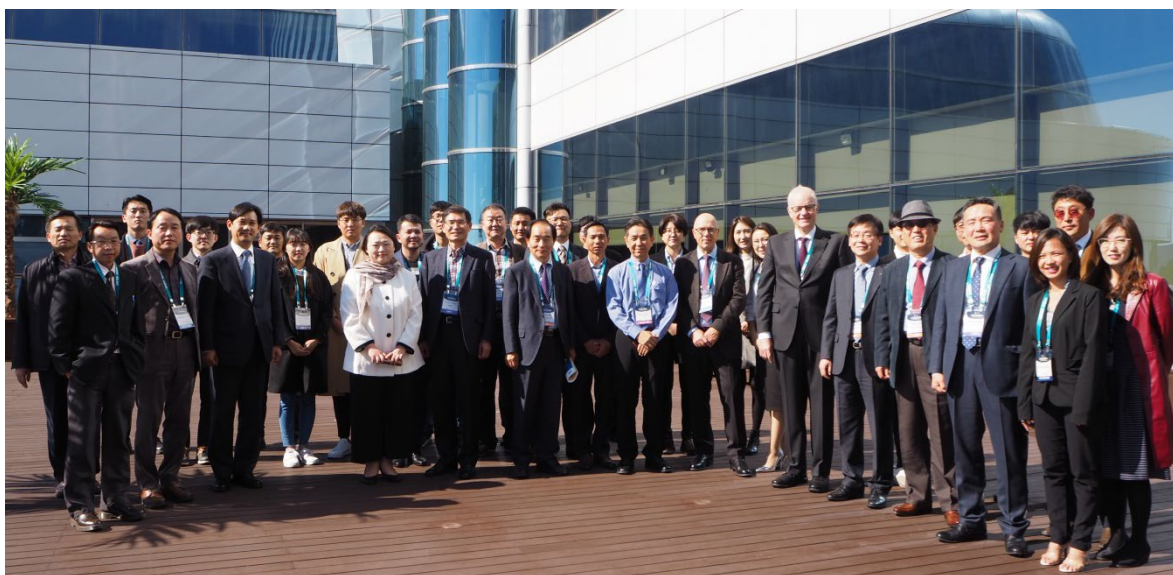


**A SUMMARY REPORT OF CCOP AND RELATED UNFC ACTIVITIES
APRIL 2018 – MARCH 2019**

During the past year, the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) has carried out two main activities that were related to the United Nations Framework Classification for Resources as summarized below:

**1. CCOP-KIGAM-UNECE-PETRAD Workshop on "Application of the United Nations Framework Classification for Resources (UNFC)"
30 October 2018: 08:30 – 18:00. Haeundae Grand Hotel, Busan, Republic of Korea**



The CCOP Technical Secretariat, in cooperation with Korea Institute of Geosciences and Mineral Resources (KIGAM), United Nations Economic Commission for Europe (UNECE) and International Programme for Petroleum Management and Administration (PETRAD), organized the **CCOP-KIGAM-UNECE-PETRAD Workshop on "Application of the United Nations Framework Classification for Resources (UNFC)"** in conjunction with the 54th CCOP Annual Session. This workshop aimed to update the latest developments in the UNFC information and dissemination to Member Countries.

Dr Dhiti Tulyatid, Regional Expert, CCOP TS, facilitated the Opening Ceremony Session. **Dr Synn Joong-Ho**, former President, KIGAM gave Congratulations and Opening Remarks. A Welcome Address to the Workshop” was given by **Mr. Scott Foster**, Director, Sustainable Energy Division in form of video. **Mr Per Blystad** and **Mr Sigurd Heiberg**, PETRAD International Programme for Petroleum Management and Administration, were the resource persons.

There were a total of 50 participants from CCOP Member Countries (Cambodia, Lao PDR the Philippines, Thailand), Uzbekistan, with the majority came from Korea; and one participant from IUGS. Korean participants, in particular, expressed their interest in the use of UNFC for resource classification in the country.

2. Workshop on Mineral Exploration and Mineral Resources Evaluation 11-14 March 2019 (Crowne Plaza Hotel, Vientiane, Lao PDR).



CCOP cooperated with the Department of Geology and Minerals (DGM), the Ministry of Energy and Mine (MEM), Lao PDR, organized this workshop. **Mr. Chansone Senbouttalath**, Vice Minister of Energy and Mine (MEM), Lao PDR, delivered a Welcoming Address. **Dr Adichat Surinkum**, Director CCOP TS delivered the Opening Speech.

A series of presentations on mineral resources of Lao PDR and Thailand were given by resource persons. The participants include resources persons from Thailand, Lao PDR, and a number of Australian workers and volunteers who work with Lao Government and the leading mining companies whose operations are currently in Lao PDR.

A number of presentations worth mentioning include: **Mr Paul Burrel**, Savan Resources Sole Co., ltd. gave a talk about Mineral Exploration Programmes, Typical Methods, Stage and Decision Points; **Mr Shaun Versace**, Principal Resource Geologist, PanAust Limited, explained about the JORC Code Mineral Resources Estimation in Phubia Mines.



For the UNFC topic, **Dr Dhiti Tulyatid**, Regional Expert, CCOP Technical Secretariat Office (CCOPTS), gave a presentation on the Introduction of UNFC on Mineral Resources Evaluation. **Dr Adichat Surinkum**, Director CCOPTS gave a talk on UNFC case study of Thailand potash deposit.

Participants had a chance to visit PhuBia/Huaysai gold mines on the third day of the workshop.

Dr. Simone Phichith Director General of RIEM, Lao PDR, gave a closing remark.

Result: There were several participants, i.e., **Mr Shaun Versace**, Principal Resource Geologist of PanAust, **Mr Mark Walker & Mr Sheppard**, Mining Inspection Advisors, Australian volunteers to the Ministry of Energy and Mines, Department of Mines, Lao PDR, expressed and discussed on the government's (Lao PDR) requirement on certain detailed survey (especially required number and density of exploration wells) in their mineral exploration projects in order to achieve the mining lease. **Mr Shaun Versace** expressed his interest in using the UNFC system (compared to JORC system) to evaluate the mineral deposits they are working on.

Participants also expressed their support for the establishment of a body to represent the resource evaluation and classification of the East and Southeast Asia Region, as well as to set up a regional "pool" of "**Competent Persons**" (CP) for the resource classification of the region without having to import CP from other system & regions of the world.

CCOP continues to emphasize its intention to support and facilitate related activities on the use of UNFC for resource classification for minerals, petroleum deposits, and other resources to support the UN Sustainable Development Goals in East and Southeast Asia region.
