

Economic and Social Commission for Asia and the Pacific

Seventy-second session

Bangkok, 15-19 May 2015

Item 3(d) of the provisional agenda*

Review of issues pertinent to the subsidiary structure of the Commission, including the work of the regional institutions

Report of the Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP)**

Summary

CCOP had successfully carried out most of its planned activities for the year 2015 focused on enhancing coordination of the geoscience programmes of the national geoscientific institutions of member countries, continued human resource development and institutional capacity building, greater flow of technical information between the member countries, cooperating countries and organizations of CCOP. Cooperating countries and organizations continued to provide technical support for activities contributing to sustainable geo-resources and environmentally sound development in the CCOP region. Member countries also provided in-kind support to CCOP work programmes to optimize the benefits of the support provided by the cooperating countries and organizations.

During the reporting period from 1 January to 31 December 2015, a total of 33 training/workshop activities have been completed and were attended by 883 participants from the Member Countries. Aiming at capacity building, knowledge sharing and technology transfer, the activities were highly appreciated by the participants from CCOP member countries.

<i>Sector</i>	<i>No. of activities</i>	<i>No. of participants</i>
Geo-resources	20	599
Geo-environment	8	187
Geo-information	5	97
TOTAL	33	883

The East Asia Geoscience and Environmental Research (EAGER) Project continued, providing a grant for researches in Geoscience and Environment in East and Southeast Asia to candidates from the Member Country hosting the CCOP Annual Session.

ESCAP and CCOP continued to maintain consultations and cooperation through mutual participation in major annual meetings, networking and exchange of publications.

* E/ESCAP/72/L.1.

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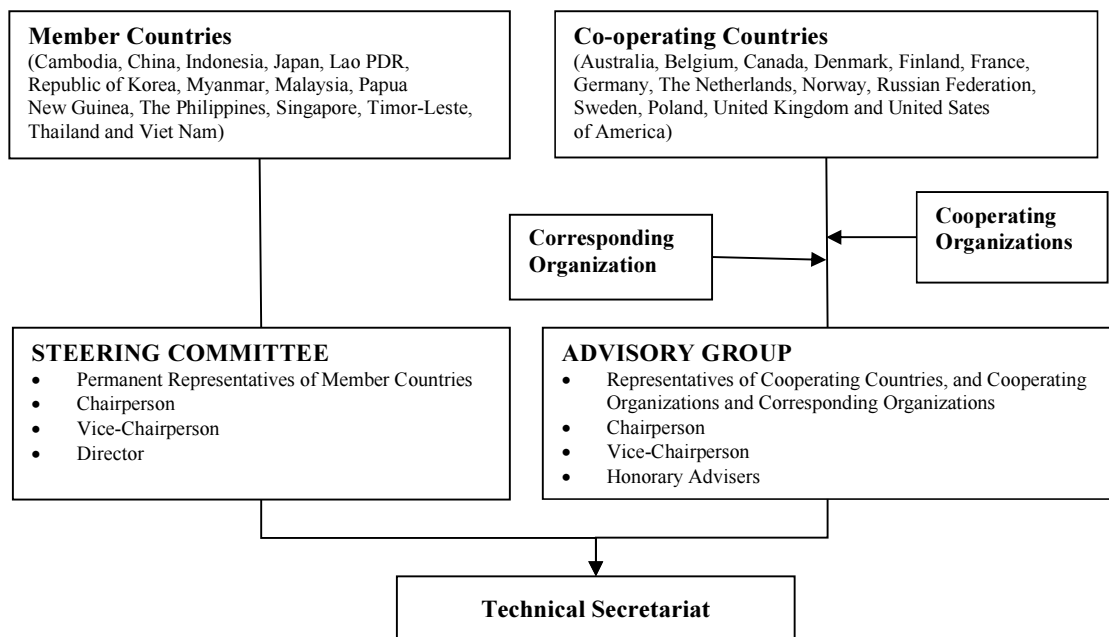
Introduction

The Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP) is an intergovernmental organization whose mission is to contribute significantly to the economic development and sustainable management of the environment and improvement of the quality of life of its Member Countries by the application of Earth science knowledge through outreach, cooperation and partnership, knowledge enhancement and training, and data information.

The CCOP “Coordinating Committee for Offshore Prospecting in Asia” was first established in 1966 under the auspices of ESCAP and the United Nations. CCOP became an independent intergovernmental organization in 1987. The name was changed in 1994 to Coordinating Committee for Coastal and Offshore Geoscience Programmes in East and Southeast Asia. In 2001, CCOP has reviewed and redefined its programmes and activities accompanied by a name-change to Coordinating Committee for Geoscience Programmes in East and Southeast Asia. In 2015, a new strategic plan has been adopted maintaining the same focus:

- **Outreach** - to enhance influence with decision makers, investors and the public through the provision of relevant Earth science information and to develop appropriate skills for communicating effectively with CCOP stakeholders.
- **Cooperation and Partnership** - to enhance the internal and external partnerships to improve the quality, reach application and impact of our Earth science information and knowledge.
- **Knowledge Enhancement and Sharing** - to manage, promote, share and exploit the region’s Earth science information and skills.
- **Data and Information** - to advance sharing of data and information and integrate Earth science data across national boundaries.

Figure 1.
Operational Organization Chart of CCOP



CCOP has 14 member countries; Cambodia, China, Indonesia, Japan, Lao PDR, Myanmar (new), Malaysia, Papua New Guinea, The Philippines, Republic of Korea, Singapore, Timor-Leste, Thailand and Viet Nam. CCOP is being supported by 14 cooperating countries and 13 international organizations. The CCOP Technical Secretariat is responsible for the coordination of all activities carried out by CCOP, headed by a Director, who reports to the CCOP Steering Committee consisting of one permanent representative from each member country. The Headquarters of the CCOP Technical Secretariat is located in Bangkok, Thailand. CCOP's operational organization chart is illustrated in figure 1.

I. Technical Activities

During the reporting period from 1 January to 31 December 2014, a total of 33 training/workshop activities have been completed and were attended by 883 participants from the Member Countries and Myanmar and Mongolia as observers. Aiming at capacity building, knowledge sharing and technology transfer, the activities were highly appreciated by the participants from CCOP member countries.

<i>Sector</i>	<i>No. of activities</i>	<i>No. of participants</i>
Geo-resources	20	599
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TOTAL	33	883

Below is the table summarizing the activities conducted from 1 January to 31 December 2015.

<i>Sector/Project/Activity</i>	<i>No. of Participants</i>
GEO-RESOURCES	
<i>CCOP CO2 Storage Mapping Program (CCS-M)</i>	
C1W1: CCS-M Indonesia Case Study Workshop, 25-27 February 2015, Bali, Indonesia	49
CCS-M S4: Workshop on Assessment of Oil and Gas Resource/Reserves Reports, 22-23 April 2015, Bangkok, Thailand	44
C2W1: CCS-M Malaysia Case Study Workshop, 2-4 June, 2015, Kuala Lumpur, Malaysia	47
CCSM Case Study Tour in Norway, 5-10 May 2015	10
CCOP - Norway CCS-M Program Annual Meeting, 27 August 2015, Jakarta, Indonesia	
CCS-M S5 (CCOP-DMF Proj – WS3) Project on Petroleum Resources/Reserves Classification and Reporting System - 3rd Workshop: Maximizing the value of oil and gas resources, 8-10 September 2015, Bangkok, Thailand	51
C1W2: Indonesia case study- Workshop on Public Engagement, 4-6 Nov 2015, Surabaya, Indonesia	50
<i>CCOP – KIGAM Unconventional Oil and Gas Project – “Mapping of Black Shale Formations for the Prediction of Shale Resources” (UnCon Project)</i>	
UCM1: Coordination Meeting of CCOP-KIGAM UnCon Project, 22-23 March 2015, Krabi, Thailand	15
UCM2: Project Launching, Symposium and Technical Meeting, 9-11 June 2015, Gyeongju, Republic of Korea	21

<i>Sector/Project/Activity</i>	<i>No. of Participants</i>
UCM3: The 3 rd Meeting and Workshop, 22-24 September 2015, Chiangmai, Thailand	28
MLR China-ASEAN Conference on Shale Gas Exploration and Development, 17-19 November 2015, Chongqing, China	20
Side event: MLR – CCOP – KIGAM Project Coordination Meeting, 16 November 2015, Chongqing, China	8
The 5th Asia Shale Gas Summit and Asia-Pacific Unconventional Resource Tech & Equip EXPO (ECF2015), 12-14 October 2015, Shanghai, China	
KIGAM/ISGeo training course on “Petroleum Exploration, Development and Production”, 19 January-13 February 2015, Daejeon, Republic of Korea	20
KIGAM/ISGeo training course on “Exploration and Evaluation of Mineral Resources”, 2 March-20 April 2015, Daejeon, Republic of Korea	12
CCOP- DMR-EGAT MAE MOH Workshop on Clean and Green Mining, 21-24 January 2015	36
CCOP-CGS Geochemical Baseline Project	
The 2 nd CCOP-UNESCO Symposium on Developing Geoparks within East & Southeast Asia region - Geoparks in Mekong Countries, 22-24 July 2015, Nakhon Ratchasima, Thailand	65
CCOP-GSJ/AIST-DGR Groundwater Project Phase III Kick-off Meeting, 10-12 February 2015, Bangkok, Thailand.	45
CCOP-GSJ/AIST Groundwater Phase III: Sub-Project Meeting on “Development of Renewable Energy for Ground-Source Heat Pump System (GSHP)”, 10 June 2015, Bangkok, Thailand	23
GEO-ENVIRONMENT SECTOR	
CCOP-KIGAM-UNESCO-DGR Workshop on Sustainable Groundwater Management in Mekong River Basin, 19-20 May 2015, Bangkok, Thailand	26
<i>KIGAM-ISGeo-CCOP Regular Training courses</i>	
Regular Training Course on “Landslide and slope stability & Groundwater Theory and Practices”, 9 November-4 December 2015, International School for Geoscience Resources (IS-Geo) of KIGAM, Daejeon, Republic of Korea	20
Regular Training Course on “Coastal Geology and Geohazards”, 5-21 October 2015 in Jeju Island and Daejeon, Republic of Korea	13
The 8 th International Conference of Asian Marine Geology (ICAMG-8), 5-10 October 2015 in Jeju Island, Republic of Korea	16
<i>CCOP-GSJ/AIST DelSEA Project Phase II</i>	
CCOP-GSJ/AIST-KIGAM-PKNU DelSEA III Kick-off meeting, 2-6 March 2015, Busan, Republic of Korea	24
Delta Session in the XIX INQUA (International Union for Quaternary Research), 27 July-2 August 2015, Nagoya, Japan	
GTK - CCOP - DMR Workshop on Geohazards and Climate Change, 15 June 2015, Bangkok, Thailand	58
CCOP - VIGMR - DMR Project on Community-Based Landslide Mitigation	
JMG 7-Day Advanced Course in Geochemical Analysis, 8-15 March 2015, Kuantan Pahang, Malaysia	28
Environmental Analysis Support Programme in the CCOP and Other Regions	

<i>Sector/Project/Activity</i>	<i>No. of Participants</i>
GEO-INFORMATION SECTOR	
The 3 rd CCOP-CGS Integrated Geophysical & Geochemical Data Processing Project (IGDP) Workshop/Training, 12-14 November 2015, Beijing, China	27
<i>CCOP/ASEAN Harmonized Geology Project (Seamless Geology Project)</i>	
ASEAN+3 Geological Mapping (Myanmar, Lao PDR & Cambodia), 10-14 January 2015, Myanmar	
CCOP-ASEAN Harmonized Geology Project Business Meeting, 23 March 2015, Krabi, Thailand	12
<i>CCOP Geoinformation Sharing Infrastructure for East and Southeast Asia (GSi) Project</i>	
GSi Project Kick-Off Meeting, 1-2 September 2015, Bangkok, Thailand	23
GSi Project Coordination Meeting, 25 November 2015, Xi'an, China	18
CCOP Book Project: "Stone Heritage In East And Southeast Asia"	
Regional Meeting on the Production of CCOP Coffee Table Book "Best practices on mine rehabilitation and decommissioning", 23-25 June 2015, Palawan, Philippines	19
CCOP Jubilee Book for the CCOP's 50 th Anniversary	
CCOP High Education Support Network Program	
CCOP-CGS Automated Management And Operation System (AMOS) Project	

The East Asia Geoscience and Environmental Research (EAGER) Project continued, providing a grant for researches in Geoscience and Environment in East and Southeast Asia to candidates from the Member Country hosting the CCOP Annual Session.

II. Publications

The following publications were produced during the year. The workshop and seminar reports and proceedings of the CCOP CO₂ Storage Mapping Program (CCS-M) were published on the CCOP website.

General Publication

CCOP Annual Report 2014

The CCOP Annual Report for 2014 is available both in printed and digital formats. The report summarizes the projects and activities carried out during the year 2014, the financial standing and more. It is of 40 colored pages. Its digital file with about 2MB size can be downloaded from this link: <http://www.ccop.or.th/download/CCOP-AR2014.pdf>.

CCOP E-Newsletters Vol 6 No 1, June 2015

CCOP E-News June 2015 is available for download from this link: http://www.ccop.or.th/download/e-news/CCOP_e-news2015-06v6n1.pdf. It is of 18 colored pages, and 1.2MB file size. CCOP Annual Session Proceedings.

CCOP Annual Session Proceedings

Proceedings of the 50th CCOP Annual Session Part I

The Proceedings of the 50th CCOP Annual Session held in Kokopo, Papua New Guinea on 20-24 October 2015 is available for download from this link, <http://www.ccop.or.th/download/as/50as1.pdf>. The proceedings include the minutes of the session, CCOP Progress Report and its Workplan, Member and Cooperating Countries Reports as well as Cooperating Organizations Reports, among others. This proceedings is in PDF format, with 358 pages, and is of 11.1MB filesize.

CCOP Steering Committee Meeting Reports

Report of the 63rd CCOP Steering Committee Meeting

Report including the minutes of the Steering Committee Meeting held in 25-26 October 2014, Kokopo, Papua New Guinea has been published electronically in PDF format.

Report of the 64th CCOP Steering Committee Meeting

Report including the minutes of the Steering Committee Meeting held in Krabi, Thailand on 24–26 March 2015 has been published electronically in PDF format.

Technical Activities Reports/Proceedings

GW-5: Report of the CCOP-GSJ/AIST-DGR Groundwater Phase III Project Kick-Off Meeting, 10-12 February 2015, Bangkok, Thailand

This report contains the minutes of the CCOP-GSJ/AIST-DGR Groundwater Project Phase III Kick-off Meeting held on 10-12 February 2015, in Bangkok, Thailand, as well as country reports on “Country’s Activity Plan and Possibility of Compiling GW Data under CCOP GW Project Phase III”.

This report is of 111 colored pages, and is available both in printed and digital format. The PDF file is of 5.6MB file size and can be downloaded from this link, <http://www.ccop.or.th/download/GW5.pdf>.

Current Status and Issues of Groundwater in the Mekong River Basin

This publication contains updates on the CCOP-KIGAM Groundwater Project, a paper on “Groundwater Level Monitoring – Importance of Global Groundwater Monitoring Network”, and country reports from Cambodia, China, Lao PDR, Myanmar, Thailand and Vietnam on Groundwater Issues and Hydrogeological Survey of the Mekong River Basin”. These paper and reports were presented at the CCOP-KIGAM-UNESCO-DGR Workshop on Sustainable Groundwater Management in Mekong River Basin held on 19-20 May 2015 at Hotel Pullman Bangkok King Power, Bangkok, Thailand.

This publication is available both in printed and digital forms. The publication’s PDF file is of 126 colored-pages and of 5.3MB file size, and can be downloaded from this link, <http://www.ccop.or.th/download/CSI-GW-MRB.pdf>.

III. Cooperation with ESCAP

ESCAP and CCOP continued to maintain consultations and cooperation through networking and exchange of publications. CCOP reports to the ESCAP Commission Sessions, takes part in the related technical meetings and participates in the Sub-Committee Meeting on Environment and Sustainable Development and ICT Committee Session.

Acknowledgements

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