



The Minutes of the Meeting
On China-Thailand Marine Geosciences Research Cooperation
Between
The Qingdao Institute of Marine Geology, China Geological Survey
Ministry of Natural Resources
The People's Republic of China
And
The Department of Mineral Resources
Ministry of Natural Resources and Environment
The Kingdom of Thailand

Date: Monday, 23 September 2019

Venue: Qingdao Institute of Marine Geology, Qingdao, China

Pursuant to the visiting of the Thailand Delegation to China during 22-27 September 2019, the Meeting on China-Thailand Marine Geosciences Research Cooperation was held in Qingdao, China on 23 September 2019 between the Qingdao Institute of Marine Geology (QIMG), China and the Department of Mineral Resources (DMR), Thailand. The list of delegations of both sides and the agenda of the meeting are shown in Annex I and Annex II respectively.

During the meeting, both sides have presented and discussed on the collaboration proposal, work plan of the year 2020, the time frame for the cooperation project agreement signing as well as visited QIMG's Gas Hydrate Lab. After the thorough discussion, QIMG and DMR reached the consensus as follows:

1. QIMG and DMR Presentations

The meeting acknowledged the QIMG and the DMR on presentations from each representative on cooperation background and potential project activities of marine and coastal geology between two countries.

2. Projects Initiative Discussion

Both sides have discussed in details of the following technical cooperation of project proposals in the future cooperation:

- Atlas of Marine Geosciences of Thailand on the scale of 1:1000,000
- Coastal geological survey: e.g. coastal erosion, and coastal beach nourishment.
- Coastal wetland changes with global warming.
- OBS exploration and Deep structure map compilation in the Gulf of Thailand.
- Marine Resources including sand mining for beach nourishment both in China and Thailand.
- Global warming on climate change which affect the coastal change.
- Personal onboard cruise exchange.

Both sides were aware that all agreed activities would be subjected to their respective approved plan and budget of their respective governments and available funding.

3. Work plan of the year 2020

- Funding Raising (start from the year of 2019, both sides submit the application documents).
- Organize workshop and technical training seminar in China and Thailand.
 - In the early March, the QIMG is responsible for organizing workshop and technical training seminar in China.
 - Review 1:5M scale China-ASEAN geoscience map series.
 - Define 1:1M marine geoscience map types and workout content.
 - Technical training on offshore geological mapping.
 - Prepare paper for China-ASEAN Maritime Funding.

- In June, the DMR is responsible for organizing workshop and technical training seminar in Thailand.
- The QIMG support geo-scientists to attend on the job training at QIMG.
- The QIMG support geo-scientists to propose the graduated degree in Marine Sciences in China.

4. Agreement on Cooperative Project between QIMG and DMR

Both sides acknowledge that the agreement between QIMG and DMR will be signed after the approval of their government which the signing time will be allocated later.

The meeting was held and recorded in Qingdao, China on 23 September 2019.



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Mr. Niwat Manee kut
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