



Call for Papers

Thematic session

Coastal Geology & Disaster Prevention and Reduction

25-26 November, 2015

Xi'an, China

The thematic session of the 51st CCOP Annual session in Xi'an, China will focus on coastal geology and Disaster Prevention and Reduction.

More than sixty percent of the world's population lives within the coast zone. The world's coastal zone represents precious resources, which are vital to international trade, habitation, wildlife, travelling, recreation and energy capture. Economic development, social development and protection of the environment are equally important. Many coastal zone countries are placed under intense pressures of development, and nations and communities must balance the benefits of short-term resources exploitation with long-term resilience.

The CCOP member countries are also under serious threaten of coastal hazards due to geological settings and dense population along the coastal zone. The geo-hazards including earthquake, tsunami, landslide, flooding, coastal erosion, land subsidence together with climate changes and sea-level rising caused vast casualties and property losses.

Human activities on the coastal zone and river catchment brought about the coastal system variation through the interaction of land and sea. Coastal engineering projects changed the coastal hydrodynamic system and sediment transportation and led to coastal erosion

and accretion. Land reclamation modified the coastal morphology and dramatically changed the coast units. Large amounts of pollutants and nutrients were brought into the coastal zone through river discharge and impacted on marine ecosystem. The wetland loss exposed the coast to the intense flooding risks and biodiversity degradation.

The CCOP member countries are challenged by how to manage the coastal zone wisely and properly. Deep understandings on local coastal-marine geology, with an effective integration and interpretation of coastal-marine data are critical to adequately address the requirements for an effective coastal zone management. The impacts of coastal natural disasters and anthropogenic hazards have grown significantly over the last few decades and remain a considerable challenge for the world & CCOP region.

Coastal geology and disaster prevention and reduction are topics of common interests by our geologists and coastal managers in CCOP member countries, and fall into CCOP current strategic plan. Therefore, the 51st CCOP Annual session chose these subjects for the thematic session. We hope this session will serve as a venue for exchanging updated information on coastal geological survey, strategy and countermeasure of coastal disaster prevention and reduction, as

well as discussing our future collaboration.

The Thematic Session will include the following sub-sessions:

- S-1: Coastal geological survey&research activities, technologies and methods
- S-2: National and regional coastal disaster status and challenges
- S-3: National strategy and action on coastal disaster prevention and reduction
- S-4: Future collaboration suggestion under CCOP framework

We invite all the CCOP member countries, cooperating countries and cooperating organizations to present their researches, case studies and policy related to Coastal geology and disaster prevention and deduction at the session. The thematic session will be run with oral and poster sessions.

Supporting organization in China

- China Geological Survey (CGS)
- Xi'an Geological Center, CGS
- Qingdao Institute of Marine Geology(QIMG), CGS

Important dates

- 25th September 2015: Deadline for submission of abstract
- 25th October 2015: deadline for submission of full manuscript

Submission of papers

Abstract:

Please send the following information by email to the CCOP Technical Secretariat ccopts@ccop.or.th by 25th September 2015.

- Author names (s)
- Affiliation(s)
- Abstract with no more than 500 words
- Sub-session you plan to present your paper

Full manuscript:

Please prepare a full manuscript with length of 5-10 pages and send as an email attachment to the CCOP Technical Secretariat ccopts@ccop.or.th by 25th October 2015. Please use the template file (Word file) and follow the instruction shown there.

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