

**Project: Comparative research of groundwater management in the coastal areas in Southeast Asia**

Summary report of the analysis workshop held at 25 March -02 April 2013

Venue: Division of Water Resources Planning and Investigation for the South of Vietnam, Ho Chi Minh City, Vietnam

Twelve participants of the workshop, project members from all partners

Objectives of the workshop:

- Training of project members on seawater intrusion modelling;
- Developing scenarios to mitigate problems of groundwater depletion, seawater intrusion and land subsidence;
- Determining components and indicators for Groundwater Governance Index (GGI) for each case study;
- Planning next activities.



Schedule and activities:

Date	Program
03/25-26	Training of using MODFLOW+SEAWAT for seawater intrusion modeling by Dr Yangxiao Zhou. Hydrogeologists from Vietnam also followed the training course.
03/27-28	Progress report of 1. Mekong Delta case – Dr Bui Tran Vuong 2. Jakarta case – Mr Haryadi /Mr Taat Setiawan 3. Cebu case – Mr Lasaro Salvacion/Mr Ronnel Magalso 4. Cangzhou (China) case – Dr Haipeng Guo 5. Laizhou Bay (China) case– Dr Hongwei Liu
03/29	Development of Groundwater Governance Index guided by Dr Sangam Shrestha
03/30-31	Field visits to Mekong Delta
04/1	Scenario development for mitigation guided by Dr Yangxiao Zhou/Dr Binaya Raj Shivakoti
04/2	Plan of next activities guided by Dr Yangxiao Zhou

Summaries:

- Project members of all case studies are committed and made good progress on data collection and analysis;
- Project members have obtained basic knowledge on groundwater flow and seawater intrusion modeling. They can build the models on their case study areas;
- Scenarios for mitigating measures were formulated;
- Activity plans were made for the coming period up to the next workshop in China in March 2014;
- Supervision visits to case study areas were planned;
- Construction of groundwater models requires a large number of data sets and staff time. Efforts are needed for all case studies;
- In the synthesis workshop to be held in March 2014 in China, modeling results of all case studies will be reported.