



Regional Technical Workshop on Application of Modelling Tools for Climate Change Impact and Vulnerability Assessment

under MRC-CSIRO Climate Change Project on Reducing Vulnerability of Water Resources,
People and the Environment in the Mekong Basin to Climate Change Impacts

8 – 9 September 2009, Landmark Hotel, Bangkok, Thailand

AGENDA (as of 28 August 2009)

Day 1 : 8 September 2009	
08:30 – 08:45 AM	Registration for the Workshop
Opening Session and Keynote Address (Chair: Dr. Siripong Hungspreug Director General, Department of Water Resources, Thailand)	
08:45 – 09:00 AM	Welcome address Objectives and expectation Workshop Agenda <i>By Dr. Siripong Hungspreug Director General, Department of Water Resources, Thailand</i>
09:00 – 09:45 AM	Modelling and decision support for Integrated Climate Change Impact and Vulnerability Assessment <i>By Prof. Tony Jakeman, Director of Integrated Catchment Assessment and Management Centre (ICAM), Australian National University, Australia</i>
09:45 – 10:30 AM	Climate Change Impact on Agriculture, Water and Environment <i>By Prof. Raghavan Srinivasan, Director of Spatial Sciences Laboratory, Texas A&M University, USA</i>
10:30 – 10:45 AM	Coffee break
Session 1 : Application of modelling tools for climate impact and vulnerability assessment of Mekong River Basin : Outcomes of MRC-CSIRO Project (Chair: Dr Anond Snidvongs, SEA START RC, Bangkok, Thailand)	
10:45 – 11:15 AM	Climate change data downscaled by PRECIS regional climate model for Mekong River Basin <i>By Dr. Anond Snidvongs, SEA START RC, Bangkok, Thailand</i>
11:15 – 11:45 AM	Analysis of possible rainfall and temperature change in the greater Mekong sub-region over the period 1960-2049 <i>By Dr. Guillaume Lacombe International Water Management Institute – Southeast Asia (IWMI- SEA), Vientiane, Lao PDR</i>

11:45 – 12:00 AM	Questions and comments
12:00 – 01:15 PM	Lunch
Session 1 : ‘continued’	
01:15 – 01:45 PM	Overview on assessment of climate change impacts on Mekong hydrological regime <i>By Dr. Chu Thai Hoanh International Water Management Institute – Southeast Asia (IWMI-SEA), Vientiane, Lao PDR</i>
01:45 – 02:45 PM	Impacts of climate change on Mekong hydrologic regimes of baseline and development scenarios <i>By Dr. Kittipong Jirayoot, MRCS</i>
02:45 – 03:30 PM	Mekong climate change project - agricultural impacts and adaptation <i>By Dr. Mohammed Mainuddin CSIRO Land and Water Canberra, Australia</i>
03:30 – 03:45 PM	Coffee break
03:45 – 04:30 PM	Panel discussions on the modelling outputs from MRC – CSIRO Climate Change Project and recommendation for the next step of MRC Climate Change and Adaptation Initiative
Day 2 : 9 September 2009	
Session 2 : Learning from international experiences on climate change study -related modelling applications (Chair: Dr Sucharit Koontanakulvong, Department of Water Resources Engineering, Faculty of Engineering, Chulalongkorn University, Bangkok, Thailand)	
09:00 – 09:30 AM	Hydrologic simulations of global warming impact using dynamically downscaled data: Case study of the Seyhan River Basin in Turkey <i>By Dr. Yoichi Fujihara Japan International Research Center for Agricultural Sciences, Japan</i>
09:30 – 10:00 AM	Water Resources and Adaptation to Climate Change with a Focus on the Ganges <i>By Dr. Peter McCornick Nicholas Institute, Duke University, USA</i>
10:00 – 10:30 AM	Impacts of climate change on rice, sugarcane, cassava, and maize production in Thailand <i>By Dr. Krirk Pannangpetch Department of Plant Science and Agricultural Resources Faculty of Agriculture, Khon Kaen University, Thailand</i>
10:30 – 10:45 AM	Coffee Break

10:45 – 11:15 AM	Some experiences on regional climate change and variability modeling, rainfall downscaling & flood inundation in Southeast Asia <i>By Prof. Dr. Srikantha Herath Environment and Sustainable Development Programme United Nation University, Tokyo, Japan</i>
Session 3 : Member Countries' climate modelling study and research on Mekong River Basin; up-to-date modelling capacity and knowledge (Chair: Representative from NMCs)	
11:15 – 11:45 AM	Cambodian capacity and experiences on climate modeling <i>By Cambodian expert - Mr. Heng Chan Thoeun Team Leader of the Vulnerability and Adaptation Thematic Working Group of the Second National Communication</i>
11:45 – 12:15 AM	Lao PDR capacity and experiences on climate modeling <i>By Lao expert – Mr. Chanseng Phongpachith Chief of Water Resources Research Center, Water Resources and Environment Research Institute (WERI), WREA</i>
12:15 – 01:00 PM	Lunch
01:00 - 01:30 PM	Thailand capacity and experiences on climate modeling <i>By Thai expert – Dr. Kampanad Bhaktikul Mahidol University</i>
01:30 – 02:00 PM	Viet Nam capacity and experiences on climate modeling <i>By Vietnamese expert – Mr. Tran Dinh Trong, National Institute of Meteorology, Hydrology and Environment</i>
02:00 – 02:30 PM	Strengthening and networking of regional capacity and experiences on climate modelling for the Lower Mekong Basin <i>By Dr. Anond Snidvongs SEA START RC, Bangkok</i>
02:30 – 02:45 PM	Coffee break
02:45 - 03:45 PM	Panel Discussions on recommendation for MRC Climate and Adaptation Initiative to apply and support climate modelling tool for Member Countries of Lower Mekong River Basin <i>By National Experts</i>
Closing Session	
03:45 – 04:00 PM	Workshop Conclusion <i>By Representative from MRCS</i>
04:00 – 04:10 PM	Workshop Closing <i>By Representative from TNMC Department of Water Resources, Thailand</i>