2007 Commencement on Relevance Anticipation Researches in Thailand

By

Prof. Hansa Vathananukij, D.Eng.
hansa.v@ku.ac.th

Director of RM-GIS Center
Faculty of Engineering, Kasetsart University
http://gis.eng.ku.ac.th

More than fifteen years of previous GAME-T project did influent to water resource research community in Thailand upon their generous data distribution among Asian researchers that produced extremely new information which truthfully stunned effects to our Asian water environment area.

Capacity building on water resource in Thailand through the TNCG (Thailand National Committee on GaME-T) has been started since February 2006 after the MOU among nine leading engineering faculty deans were signed at faculty of engineering, Chulalongkorn University. Research alliances expansion has become double amount via leading institutes of Thailand in a rather diminutive period. With best cooperation from The University of Tokyo, Kyoto University, Asian Institute of Technology and Upper North Office of Royal Irrigation Department, New hydro-meteorology, tele-metering and soil moisture detector instruments did investigate for intimately data collection of 15 stations in one of the steep slope / landslide risk basin of Ping / one tributary of the main Chaophraya river basin. It has been a rather intricate year of initial installation but could finish in last minute of year 2006.

2007 is an initial year of Asian Monsoon Year as recommended in 1st MISSC meeting in Bangkok. Therefore, twelve integrated research among institutes projects were commenced from TNCG research members in which involved, new automatic instruments, new data base implementation, interactive hydroinformatic system, sophisticated modeling and multi-dimensions on water resource management as an integrated project. Assessment will profoundly from atmospheric stratum through spatial satellite devices down to both surface and subsurface stratum including coastal area in order to involve in AMY archive sooner or later.

Proceedings of all scheme consequences were expected to distribute and allocate among Asian scientists principally through the GaME-T project. Consequences expectant will effect to our global water society.

Key Words: TNCG, Hydro-meteorology, Tele-metering, Integrated Project, GaME-T