



# 2017 ACTS Workshop on Extreme Weather Forecast and Water Resources Management

26-27 September, 2017  
Hoa Binh Hotel, Hanoi, Viet Nam  
Language: English

## Program: Tentative

Time	26 September (Tue.)
08:30~09:00	<b>Registration</b>
09:00~09:20	<b>Opening Remarks</b> IMHEN leader, Viet Nam <b>Richard R.C. Shih</b> , Representative, TECO, Chinese Taipei <b>Ching-Yuang Huang</b> , CEO, ACTS, Chinese Taipei
09:20~09:30	<b>Group Photo</b>
09:30~10:10	<b>Keynote Speech 1</b> Climate Change in Viet Nam: Observed and Future Projection <b>Mai Van Khiem</b> , IMHEN, Viet Nam
10:10~10:30	<b>Coffee Break</b>
10:30~11:10	<b>Keynote Speech 2</b> Typhoon and Cloudburst Disaster Management in Taiwan <b>Yi-Fung Wang</b> , WRA, Chinese Taipei
11:10~11:50	<b>Keynote Speech 3</b> An Overview of Typhoon WRF Model: Recent Developments <b>Tien-Chiang Yeh</b> , CWB, Chinese Taipei
11:50~13:00	<b>Lunch</b>
13:00~13:20	Flood Control Project and Flood Mitigation Strategies for Taipei Area <b>Yi-Sheng Lin</b> , WRA, Chinese Taipei
13:20~13:40	Runoff Estimation for Typhoon Storms in Ungauged Watersheds <b>Kwan Tun Lee</b> , NTOU, Chinese Taipei

<b>13:40~14:00</b>	Water Resources and Management Issues in Viet Nam <b>Le Tuan Nghia, IMHEN, Viet Nam</b>
<b>14:00~14:20</b>	Dayu Smarter Flood Protection System <b>Tsun-Hua Yang, ACTS, Chinese Taipei</b>
<b>14:20~14:40</b>	Impact of Climate Change on Water Resources in Ba River Basin <b>Dang Quang Thinh, IMHEN, Viet Nam</b>
<b>14:40~15:00</b>	Water Prediction in Purely Gauged River Basin with the Support of Satellite Data of Pilot in Srepok Basin <b>Bui Du Duong, NAWAPI, Viet Nam</b>
<b>15:00~15:20</b>	<b>Coffee Break</b>
<b>15:20~15:40</b>	Taipei Heavy Rain at Night <b>Jong-Dao Jou, NTU, Chinese Taipei</b>
<b>15:40~16:00</b>	Generation of Small Scale Features at Outer Regions of a Tropical Cyclone Vortex in Numerical Models <b>Nguyen Van Hiep, VAST, Viet Nam</b>
<b>16:00~16:20</b>	“Evaluation of NCEP CFS and its Downscaling for Seasonal Rainfall Prediction across Vietnam” <b>Phan Van Tan, HUS, Viet Nam</b>
<b>16:20~16:40</b>	Preliminary Evaluations of Two-Week Tropical Cyclone (TC) Forecasts from the NCEP GEFSv11 Reforecasts by using the CWB TC Tracker <b>Ming-Dean Cheng, CWB, Chinese Taipei</b>
<b>16:40~17:00</b>	Simulation and Prediction of Summer Monsoon Climate over the Indochina Peninsula by RFM Model <b>Nguyen Ngoc Bich Phuong, IMHEN, Viet Nam</b>
<b>17:00~17:20</b>	A Multi-model Ensemble System for Typhoon Track, Precipitation and Wind Speed Prediction in Taiwan <b>Chin-Cheng Tsai, TTFRI, Chinese Taipei</b>
<b>Time</b>	<b>27 September (Wed.)</b>
<b>08:30~08:50</b>	<b>Registration</b>



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<b>08:50~09:30</b>	<p style="text-align: center;"><b>Keynote Speech 4</b></p> <p style="text-align: center;">The Short-term Inundation Forecasting during Typhoons</p> <p style="text-align: center;"><b>Gwo-Fong Lin, NTU, Chinese Taipei</b></p>
<b>09:30~09:50</b>	<p style="text-align: center;"><b>Coffee Break</b></p>
<b>09:50~10:10</b>	<p style="text-align: center;">Assessment of Saltwater Intrusion Vulnerability in the Coastal Aquifers of Ninh Thuan Province in the Context of Climate Change</p> <p style="text-align: center;"><b>Pham Quy Nhan, HUNRE, Viet Nam</b></p>
<b>10:10~10:30</b>	<p style="text-align: center;">Bayesian Inference for Extreme Values: Implication for Extreme Sea Level Studies in the East Sea of Viet Nam</p> <p style="text-align: center;"><b>Pham Tien Dat, IMHEN, Viet Nam</b></p>
<b>10:30~10:50</b>	<p style="text-align: center;">Nationwide Decision Support System for Debris Flow Disaster Management in Taiwan</p> <p style="text-align: center;"><b>Hsiao-Yuan Yin, SWCB, Chinese Taipei</b></p>
<b>10:50~11:10</b>	<p style="text-align: center;">Scientific Solutions and Technologies to Respond to Natural Disasters (flood and drought) under Climate Change Context</p> <p style="text-align: center;"><b>Nguyen Tung Phong, VAWR, Viet Nam</b></p>
<b>11:10~11:30</b>	<p style="text-align: center;">Validation of Landfall Intensity of Typhoon "Ferdie" (Meranti) over Extreme Northern Luzon</p> <p style="text-align: center;"><b>Christopher F. Perez, PAGASA, the Philippines</b></p>
<b>11:30~11:50</b>	<p style="text-align: center;">The Engineering and Disaster Prevention Since 1999 Earthquake (M<sub>L</sub>=7.3) in Jiufengershan, Central Taiwan</p> <p style="text-align: center;"><b>Hsiao-Chia Yen, SWCB, Chinese Taipei</b></p>
<b>11:50~12:00</b>	<p style="text-align: center;"><b>Closing Remarks</b></p>
<b>12:00~13:30</b>	<p style="text-align: center;"><b>Lunch</b></p>