Program

Geohazards IV-
Climate Change and Sustainability

September 20-23, 2009
Sun Moon Lake, Nantou
Taiwan

Chair
Prof. Ken-Jian (Albert) Shou
Dept. of Civil Engineering, National Chung-Hsing University, Taiwan

Co-Chairs

Prof. Dr.-Ing. Herbert Klapperich
TU Bergakademie Freiberg, Germany

Prof. Dr. C.H. Juang
Clemson University, South Carolina, USA

Prof. Dr. Nicholas Sitar
University of California, Berkeley, USA

Prof. Tarcisio Celestino
University of Sao Paulo, Brazil

Prof. Yasuo Tanaka
Kobe University, Japan
NOTES FOR CONFERENCE PARTICIPANTS

NOTES

• Audiotaping, videotaping and photography of presentations are strictly prohibited.

• Speakers – Please leave at least 5 minutes for questions and discussion.

• Please do not smoke at any conference functions.

• Turn your cellular telephones to vibrate or off during technical sessions.

• Wednesday’s excursion to the 921 Earthquake Museum of Taiwan/ Chiufengershan Landslide is optional. The chair will give participants a more detailed description of the tour and information will also be at the registration desk. Please sign up by Monday noon.

• Be sure to make any corrections to your name/contact information on the Master Participant List or confirm that the listing is correct. A corrected copy will be sent to all participants after the conference.
**Sunday, September 20, 2009**

17:00 – 19:00  Registration/Check-in
19:00 – 21:30  Welcome Reception
               Welcome talk: **C.C.Lin**

**Monday, September 21, 2009**

07:30 – 08:40  Breakfast (at your hotel)
08:40 – 09:00  Welcome – Conference Overview: **Keh-Jian Shou**
09:00– 09:20  Opening Ceremony
               
09:20  **SESSION 1:**
       Session Chair: **K.J. Shou**
09:00 – 10:30  Keynotes: **C.H. Juang / H.L. Wu**
10:30 – 10:50  Coffee break
11:00  **SESSION 2:**
       Session Chair: **S.C. Chen**
11:00 – 12:30  Keynotes: **Yasuo Tanaka / Tarcisio Celestino**
12:30 – 14:00  Lunch
14:00  **SESSION 3:**
       Session Chair: **M.B. Su**
14:00 – 14:45  Keynote: **Farrokh Nadim**
14:45 – 15:10  **WHOLE-PLANET INSTABILITY AND THE POTENTIAL FOR CATASTROPHE**
               Nick Thom
15:10 – 15:35  **A GIS AND RS-BASED QUANTITATIVE RISK ASSESSMENT FOR RAINFALL TRIGGERED LANDSLIDES**
               Arzu Erener
15:35 – 16:30  Coffee break and **Poster Session**
16:30

SESSION 4:
Session Chair: W.M. Ye

16:30 – 16:55
MECHANICAL-MATHEMATICAL MODELING AND MONITORING FOR LANDSLIDE PROCESS
V.B. Svalova

16:55 – 17:20
DECISION SUPPORT SCHEME FOR LISHAN LANDSLIDE PREWARNING SYSTEM
M.B. Su

17:20 – 17:45
LANDSLIDE POTENTIAL ESTIMATION IN MT. JOU-JOU USING SATELLITE IMAGES AND GIS
M.D. Yang

17:45 – 18:10
TERRAIN SYSTEMS AND LANDSLIDES ?A GEOMATICS BASED ANALYSIS IN OOTACAUMAND AND COONOOR AREAS OF NILGIRIS MOUNTAINS, SOUTH INDIA.
R. Neelakantan

18:30 – 20:30 BBQ Dinner

Tuesday, September 22, 2009

07:30 – 08:45 Breakfast (at your hotel)

08:45 – 09:00 Welcome – Conference Overview: Keh-Jian Shou

09:00

SESSION 5:
Session Chair: Klapperich, Herbert

09:00 – 10:30 Keynotes: Rafig Azzam / W.M Ye

10:30 – 10:50 Coffee break

10:50

SESSION 6:
Session Chair: Farrokh Nadim

10:50 – 11:35 Keynote: Herbert Klapperich

11:35 – 12:00 AUTONOMOUS PORTABLE SEISMIC RECEIVER WITH DIGITAL REGISTRATION FOR SEISMOLOGICAL STUDIES
Y.N. Zubko
12:00 – 12:25 PHENOMENON OF LIQUEFACTION FROM A GEOTECHNICAL EARTHQUAKE ENGINEERING PERSPECTIVE
   Joseph Daniel

12:25 – 14:00 Lunch

14:00 SESSION 7:
   Session Chair: Yasuo Tanaka

14:00 – 14:45 Keynote: Jochen Alheid

14:45 – 15:10 GREEN BROWNFIELDS - COMPLEX RAHBLITATION OF FORMER URANIUM MINING - PLANNING AND GEOTECHNICS
   Dietmar Griessl

15:10 – 15:35 A SEISMIC LANDSLIDE HAZARD ANALYSIS WITH TOPOGRAPHIC EFFECT, A CASE STUDY IN THE 99 PEAKS REGION, CENTRAL TAIWAN
   Wen-Fei Peng

15:35 – 16:00 ON THE CONTROL FACTORS OF THE COLLUVIAL LANDSLIDES AFTER 1999 TAIWAN CHI-CHI EARTHQUAKE
   Keh-Jian Shou

16:00 – 16:10 Coffee break

16:10 – 18:00 Boat tour of Sun Moon Lake

19:00 – 21:00 Gala Dinner

Wednesday, September 23, 2009

07:30 – Breakfast (at your hotel)

09:00 Departure for Optional Technical Tour:
   921 Earthquake Museum of Taiwan/
   Chiufengershan Landslide