

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



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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: **Rafiq 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 RAHBILITATION 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