

International Symposium on

Human Impacts on Subsurface Environment

17-18 November, 2009

「地下環境的人為衝擊」國際研討會

Tuesday, 17 November 2009		
09:00 - 09:20	Makoto Taniguchi	(Research Institute for Humanity and Nature)
Social economic Group		
09:20 - 09:40	Shinji Kaneko	(Hiroshima University)
09:40 - 10:00	Tsuyoshi Imai	(Yamaguchi University)
10:00 - 10:20	Katsuya Tanaka	(Shiga University)
10:20 - 10:40	Karen Ann Jago-on	(Hiroshima University)
10:40 - 10:50	Break	
Urban geography Group		
10:50 - 11:10	Akihisa Yoshikoshi	(Ritsumeikan University)
11:10 - 11:30	Toshiaki Ichinose	(National Institute for Environmental Studies)
11:30 - 11:50	Yingjiu Bai	(Tohoku University of Community Service and Science)
11:50 - 12:10	Akio Yamashita	(Rakuno Gakuen University)
12:10 - 13:10	Lunch	
Water Group		
13:10 - 13:30	Jun Shimada	(Kumamoto University)
13:30 - 13:50	Noriyuk Momoshima	(Kyusyu University)
13:50 - 14:10	Tsutomu Yamanaka	(University of Tsukuba)
14:10 - 14:30	Makoto Kagabu	(Kumamoto University)
Gravity Group		

14:30 - 14:50	Yoichi Fukuda	(Kyoto University)
14:50 - 15:10	Jun Nishijima	(Kyusyu University)
15:10 - 15:20	Break	
15:20 - 15:40	Keiko Yamomoto	(Research Institute for Humanity and Nature)
15:40 - 16:00	Takashi Hasegawa	(Kyoto University)
16:00 - 16:20	Sofyan Yayan	(Kyusyu University)
16:20 - 17:30	Discussion	

Wednesday, 18 November 2009		
Material Group		
09:00 - 09:20	Shin-ichi Onodera	(Hiroshima University)
09:20 - 09:40	Yu Umezawa	(Nagasaki University)
09:40 - 10:00	Takahiro Hosono	(Kumamoto University)
10:00 - 10:20	Mitsuyo Saito	(Ehime University)
10:20 - 10:30	Break	
Heat Group		
10:30 - 10:50	Makoto Ymano	(Tokyo University)
10:50 - 11:10	Rachmat Fajar Lubis	(Indonesia Institute of Science)
11:10 - 11:30	Akinobu Miyakoshi	(National Institute of Advanced Industrial Science and Technology)
11:30 - 11:50	Hideki Hamamoto	(Center for Environmental Science in Saitama)
11:50 - 13:00	Lunch	
GIS/Model/Religion		
13:00 - 13:20	Tomoyo Toyota	(Research Institute for Humanity and Nature)
13:20 - 13:40	Jun Yasumoto	(Ryukyu University)
13:40 - 14:00	Takahiro Endo	(Research Institute for Humanity and Nature)
14:00 - 14:20	Satoshi Nakada	(Research Institute for Humanity and Nature)
14:20 - 14:50	Discussion	
14:50 - 15:00	Break	

International collaborators		
15:00 - 15:20	Chung-Ho Wang	(Institute of Earth Sciences, Academia Sinica, Taiwan)
15:20 - 15:40	Chih-Chieh Su	(National Taiwan University)
15:40 - 16:00	Lee Backjin	(Korea Research Institute for Human Settlements)
16:00 - 16:20	Oranuj Lorphensri	(Ministry of Natural Resources and Environment, Thai)
16:20 - 16:40	Robert Delinom	(Indonesia Institute of Science)
16:40 - 17:00	Gayl D Ness	(University of Michigan)
17:00 - 17:20	William C. Burnett	(Florida State University)
17:20 - 18:00	Discussion	

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International Symposium on Human Impacts on Subsurface Environment

BACKGROUND

This symposium will assess the effects of human activities on the subsurface environment, an important aspect of human life in the present and future but not yet fully evaluated. This is especially true in Asian coastal cities where population numbers and density have expanded rapidly and uses of subsurface environment have increased. The primary goal of this symposium is to evaluate the relationships between the developmental stage of cities and various subsurface environmental problems, including extreme subsidence, groundwater contamination, and subsurface thermal anomalies. The sustainable use of groundwater and subsurface environments to provide for better future development and human well-being will be addressed.

ANTICIPATION ACCOMPLISHMENT

As the result of the symposium, a database and monitoring system from the existing observation equipments can be made, the quantity and quality of the observed systems can give some suggestions. The expected goals are to provide data and information on regional natural resources; to gain comparative knowledge of the subsurface environmental problems; to be able to identify subsequent research needs so that environmental management can be optimized and sustained, from methodological as well as management points of view

Sub-themes for Symposium:

Session A "Urban and Materials Environments"

Session B "Subsurface Environments in Asian Cities"

Session C "Human History in the Changing Climate"

Session D "Challenging for Better Human/Water Relationships"

Session E "Water and Heat Environment"

PARTICIPANTS

The Symposium is opened to everyone; Active participants for this symposium are expected to be around 100 people, which consist of 60 local participants and 40 foreign participants from Asia and United States.

VENUE

Institute of Earth Sciences, Academia Sinica
#128, Section II, Academia Road, Nankang, Taipei, Taiwan, 11529 ROC
(website: <http://www.earth.sinica.edu.tw/>)

KEY DATES

February 2009 : First call for papers
31 July 2009 : Deadline of Abstract Submission
30 September 2009 : Deadline for Full Paper submission
15 November 2009 : Arrival of participants
16-18 November 2009 : Symposium
19 November 2009 : Field trip
20 November 2009 : Business meeting and departure of participants

LOCAL ORGANIZING COMMITTEE

Institute of Earth Sciences, Academia Sinica

Contact Address

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PAPER SUBMISSION

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CO-SPONSORS

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NATIONAL SPONSOR :

National Science Council, Republic of China

SCIENTIFIC COMMITTEE :

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Dr. Robert M. Delinom (Indonesian Institute of Sciences, Indonesia)

Prof. William Burnett (Florida University, USA)

Prof. Gayl Ness (University of Michigan, USA)

Prof. Shaopeng Huang (University of Michigan, USA)

Prof. Fernando Siringan (University of Phillipines, Republic of Phillipines)

Prof. Gullaya Wattayakorn (Dept. of Marine Science, Chulalongkorn University,
Thailand)

Prof. Kang-Kun Lee (School of Earth & Environmental Sciences, Seoul National
University, South Korea)

TECHNICAL PROGRAM PLAN:

Date	Time	Activities
Sunday, 15 November 2009	1:00 pm-6:00 pm	- participants arrival
Monday, 16 November 2009	8:30 am-9:30 am	- Registration
	9:30 am-5:30 pm	- Opening Plenary
	6:30 pm-9:00 pm	- Reception and Dinner

Tuesday, 17 November 2009	8:00 am-8:30 am	- Registration
	8:30 am-5:30 pm	- Daily Sessions
	1:30 pm-5:30 pm	- Poster Session
Wednesday, 18 November 2009	8:00 am-8:30 am	- Registration
	8:30 am-5:30 pm	- Daily Sessions & Closing Session
Thursday, 19 November 2009		- Technical Excursion
Friday, 20 February 2009		- Business meeting & participants departure

PASSPORT AND VISA INFORMATION

A valid passport is required for entry into Republic of China (ROC, Taiwan). For countries having no diplomatic relations with ROC, an entry visa can be obtained from nearby countries where ROC Embassies are located, or from the consulate if there is one. In case of doubt, information can be obtained from ROC Embassy or Consulate, or from your travel agent.

BANK AND CURRENCY

Bank opening hours in Taipei are 9:30 a.m. - 3:30 p.m. Currency exchange outside banking hours is possible at a number of locations and hotels. Credit cards are widely accepted at all major hotels and most restaurants and shops.

ELECTRICITY

Electricity is supplied at 110v. 60 cycles throughout the country.

LANGUAGE

The official language of the Symposium is English.

PROCEEDINGS AND PUBLICATION PLAN

A book of abstracts will be distributed to the participants, together with the symposium proceedings, published in a CD-ROM. A proposal of special issue for STOTEN (Science of the Total Environment) or other scientific journal on papers of this symposium will be submitted. All papers will be critically reviewed according to Journal's reviewing system.