

KYOTO UNIVERSITY
GLOBAL COE OF HUMAN SECURITY ENGINEERING (HSE)
&
INSTITUT TEKNOLOGI BANDUNG

will conduct a symposium with its theme:

“Contribution of Geoscience for Human Security”
4 – 5 October 2010 in Bandung – Indonesia

Please read the information carefully
before completing this call for book chapter manuscript!

The deadline of submitting manuscript: 30 September 2010.

Information

Important Dates

1. Manuscript should be submitted before 30 September 2010.
2. Conducted symposium: 4 – 5 October 2010
3. Reviewing by editors: 10 October – 30 November 2010.
4. Notification to authors: 1 December 2010.
5. Correction by authors: 1 – 31 December 2010.
6. Final Reviewing by editors and final correction by authors: 1 – 31 January 2011.
7. Published book: end of March 2011.

The Authors

The final output of this symposium is **to publish a text book**. The title of this text book is **“Contribution of Geosciences for Human Security”**. This symposium is aimed as a meeting forum for contributors/authors of book chapter, so that the each author will get valuable inputs from symposium audiences before his/her book-chapter is finalized. This book will describe the contribution of geosciences aspects in these following topics:

1. Identification and solving problems related to urban area
2. Sustainable of petroleum production, including CCS and CCS-EOR (Carbon capture and storage - enhance oil recovery)
3. Geothermal as alternative renewable energy
4. Urban Disaster Prevention and Disaster Management

This symposium is the follow-up of previous event (KU-JICA Joint Symposium on Human Security Engineering) that has been carried out in Tokyo on 1 – 2 March 2010. Besides those listed peoples who have given contributions in the last symposium, several invited GCOE students and researchers from other universities, companies and research centers from Indonesia and Japan could be acted as contributors of this text book.

Selection & Reviewing Process

The Technical Programme Committee will consider all manuscript submitted to the GCOE Bandung-Base Office by **30 September 2010**. The book chapter must be relevant to one of the book topics. Authors are requested to indicate the topic under which their book-chapter should be evaluated by the referees.

Book-Chapter Instructions

Titles should be short (max. 120 characters) and relevant. A summary of the book-chapter (max. 200 words) must be submitted as well. The book-chapter must be written in English. A good book-chapter consists of an introduction, the main description of theory or method broken down as appropriate and illustrated with figures, conclusions, optional acknowledgements and references. It should reflect work that is actually completed at the time of submission and not plans or ideas that are still taking shape in the mind of the author or research that is still highly immature. The book-chapter must concentrate in itself the essential information of the presentation: purpose, methods, results and conclusions. It should be an abbreviated, informative, accurate representation of the presentation and not a mere recital of the subjects to be covered.

The book will be divided into 4 main topics. For each main topic, there will be around 6 – 10 chapters. Each chapter consists of around 10 - 12 printed pages. The total estimated pages of book is 260 – 420.

Manuscript should be as follow:

- Times New Roman, 12 font size
- Single spacing, A4 size
- Maximum length: 12 pages (500 – 550 words per page)

The Publication

The publisher is Logos Verlag Berlin, Germany. The book will be sold in several bookstores in Europe and can also be bought through internet, e.g. from <http://www.amazon.com>. Badly written book chapter not only reflect poorly on the authors, but also on the institutions. Many more people read your accepted book chapter than those attending the symposium. Therefore the committee will only consider properly written and informative book chapter that are submitted in line with the book-chapter instructions.

Table of Contents

A. Identification and solving problems related to urban area

No	Name	Institution	Topic
1	SANTOSO, Djoko et. al.	ITB	Microgravity for subsidence monitoring in Jakarta Megacity
2	ABIDIN, H. Z. et. al.	ITB	Geodetic monitoring in urban areas in Indonesia
3	OYOSHI, Kei et. al.	Kyoto Univ	Urban city temperature + remote sensing application
4	SULE, Rachmat et. al	ITB	Geophysical Investigation on a planned Tunnel Development
5	SABAR, Arwin et. al.	ITB	???

B. Sustainable of petroleum production and CCS-EOR (Carbon capture and storage - enhance oil recovery)

No	Name	Institution	Topic
1	KADIR, Wawan G.A. et. al.	ITB	Microgravity for reservoir monitoring
2	MATSUOKA, Toshifumi et al	KYOTO Univ	Carbon Capture & Storage Project in Japan
3	NUR KHAKIM, M. Y. et al	KYOTO Univ	INSAR method for reservoir monitoring
4	AIZAWA, Takao et al	SUNCOH	??

5	KISHITA, Atsushi et al	TOHOKU Univ	Enhance Oil Recovery
6	WIDIANTO, Eko et al	PERTAMINA EPTC	??
7	SUARSANA, I Putu et al	PERTAMINA EP	??
8	MUCHARAM, Leksono et al	ITB	??
9	??	RITE	??
10	??	JAPEX	??

C. Geothermal as alternative renewable energy

No	Name	Institution	Topic
1	SOELAIMAN, T.A. Fauzi et al	ITB	??
2	MURAOKA, Hirofumi et al	HIROSAKI University	Japan – Indonesia Cooperation in Geothermal
3	UEDA, Akira et. al.	Kyoto Univ	
4	UCHIDA, Toshihiro et al	AIST	Magnetotelluric
5	DWIKORIANTO, Tavip et al	PERTAMINA GEOTHERMAL	??
6	SURYANTINI et al	ITB	??
7	??	STAR ENERGY	??

D. Urban Disaster Prevention and management of disaster management

No	Name	Institution	Topic
1	IRSYAM, Masyhur, et al	ITB	???
2	KIYONO, Junji et. al.	KYOTO Univ	???
3	WIDIYANTORO, Sri, et al	ITB	???
4	YAMADA, Yasuhiro et al	KYOTO Univ	Landslide in the Ocean
5	TAKAHASHI, Toru, et. al.	FUKUDA GI	Rock Physics for Disaster Identification
6	SADISUN, Imam et al	ITB	???
7	PRIBADI, Khrisna et al	ITB	Disaster Management in Indonesia
8	TSUJI, Takeshi et al	KYOTO Univ	???

Team of Editors

1. Prof. Dr. Toshifumi Matsuoka
2. Prof. Dr. Djoko Santoso
3. Dr. Wawan Gunawan A. Kadir
4. Dr. Yasuhiro Yamada
5. Dr. Takeshi Tsuji
6. Dr. Fatkhan
7. Dr. Mohammad Rachmat Sule

Other new members of editors will be announced after the conducted symposium.