

International Symposium on Area Informatics 2005

- The Potential for GIS/RS in Area Studies -

Progress in information and communications technology (ICT) has brought increasing use of information technology in all the academic disciplines in the fields of humanities, social sciences and natural sciences, and has contributed to a great deal of research success. The application of information technology to these disciplines is now developing into a single field named informatics that has a broad coverage at an interdisciplinary level, spanning humanities, social sciences and natural sciences.

Area studies also encompasses all academic disciplines in the fields of humanities, social sciences and natural sciences, including natural ecology and environment, human ecology, society, history, culture and politics. As can be seen from the utilization of Geographical Information Systems (GIS) and Remote Sensing (RS) in such studies, informatics is already being actively incorporated into advanced research. However, the case studies, experience, and research results that are currently available are insufficient. Informatics will provide area studies with new approaches and knowledge, so researchers need to lead the way to further development of informatics through its application to area studies.

Since these circumstances are important for both area studies and informatics, the Center for Southeast Asian Studies at Kyoto University and the Japan Consortium for Area Studies/SIG(Significant Interest Group) on Area Informatics are working on creating and building up a new discipline -- Area Informatics. As one of the first steps, they have decided to arrange an Area Informatics Symposium to provide a venue for sharing knowledge of case studies and research results obtained through the application of information and communications technology to the field of area studies. In addition to this exchange of practical expertise aiming to build up Area Informatics, the Symposium has the objective of producing fusion and collaboration between area studies and informatics in order to take discussion regarding systematization of this new discipline to a new level.

The theme for the 1st Area Informatics Symposium is 'The Potential for GIS/RS in Area Studies', providing the opportunity to discuss the utilization of, and potential for, advanced GIS/RS technology in the Southeast Asian region. The Symposium benefits from the cooperation of the School of Advanced Technologies at the Asian Institute of Technology (AIT) in Thailand and the Academic Center for Computing and Media Studies at Kyoto University, and plans include the use of Internet-based interactive video conferencing and remote lecture systems (See <http://www.dec.ait.ac.th/main/about/network.html>). The Symposium will also be a first test to demonstrate the feasibility of videoconferencing between the AIT in Thailand and Kyoto University in Japan.

Sponsored: CSEAS: Center for Southeast Asian Studies, Kyoto University,
SIG of Area Informatics, Japan Consortium for Area Studies
Co-sponsored: AIT: Asian Institute of Technology (Thailand),
ACCMS: Academic Center for Computing and Media Studies, Kyoto University
21st Century COE Program : Aiming of COE of Integrated Area Studies

Date 2005.3.24(Thu) 13:10-17-40

Venue [Japan Site] Academic Center for Computing and Media Studies, Kyoto University (South Building, 2nd Floor)

[Thai Site] Internet Education and Research Laboratory (intERLab), Asian Institute of Technology
(Former Child Center No.32 on <http://www.ait.ac.th/AIT/aitcam.html>)

Contents:

13:10 - 13:20 Opening Address Prof. Mamoru SHIBAYAMA(CSEAS, Kyoto University)
13:20 - 14:40 Session 1 (Japanese)
Chair: Prof. Mamoru SHIBAYAMA(CSEAS, Kyoto University)

Presentations:

- (1) Possibility of GIS in Ecology and Environment
Dr. Toshinori OKUDA(National Institute for Environmental Studies)
(Commentator) Dr. Kazuo ANDO (CSEAS, Kyoto University) (Planned)
- (2) Historical Information and Spatial Mapping
Prof. Tsukasa MIZUSHIMA (Graduate School of Humanities and Sociology,
The University of Tokyo)
(Commentator) Prof. Fumiko OSHIKAWA (The Japan Center for Area Studies)

- (3) Social and Area Information Database and its Application
Mr. Yoshikatsu NAGATA(Graduate School for Creative Cities, Osaka City University)
(Commentator) Dr. Masayuki YANAGISAWA (CSEAS, KyotoUniversity)

14:40 – 15:00 (Coffee Break)

[Thai: 13:00 - 15:40]

[Japan: 15:00 – 17:40] Session 2 e-Symposium (English)

Chair: Dr. Yasuyuki KONO(CSEAS, Kyoto University)
Dr. Venkatesh Raghavan (Osaka City University)

(1) Opening Address Director, Prof Koji TANAKA (CSEAS, Kyoto University)
Director, Prof Takashi MATSUYAMA (ACCMS, Kyoto University)
Director Dr. Suvit Vibulsreesth (GISTDA) (Planned)

(2) Keynote speech Prof. Mamoru SHIBAYAMA (CSEAS, Kyoto University)

Presentations:

(1) Possibility of GIS/RS Technology in Historical Studies and Mapping

Dr. Caverlee Cary (GIS Center, UC, Berkeley)

(Commentator) Dr. Xianfeng Song (Center for Southeast Asian Studies, Kyoto University)

(2) Geoinformatic Applications for Historical and Archaeological Studies in Southeast Asia

Dr. Surat Lertlum (CSEAS, Kyoto Univ. and School of Advanced Technology, AIT)

(Commentator) Dr. Ang Choulean (Advisor to the Director General, APSARA Authority, Cambodia)

(3) GIS/GPS Possibility for studying Sea Animals in Southeast Asia

Dr. Nobuaki ARAI (Graduate School of Informatics, Kyoto University)

(Commentator) Prof. Koh IKEJIMA (School of Environment, Resources and Development, AIT)

(4) Finding Spatial Relationship of Environmental and Climatic factors with Dengue Epidemic using GIS

Dr. Nitin Kumar Tripathi, Dr. Kanchana Nakhapakorn (School of Advanced Technology, AIT)

(Commentator) Dr. Shoichiro HARA(National Institute of Japanese Literature)

(5) Possibility of GIS/RS in Natural Disaster - Tsunami in Southeast Asia

Dr. Kiyoshi HONDA (School of Advanced Technology, AIT)

(Commentator) David Hastings (UN-ESCAP)

(6) Internet Connection between AIT and Kyoto University and its Evaluation

Dr. Motonori NAKAMURA and Prof. Yuichi NAKAMURA(ACCMS, Kyoto University)

Commenntator) Prof. Kanchana Kanchanasut (Director of IER Lab, AIT)

[Japan: 17:40 – 17:50] Closing Address

[Thai: 15:40 - 15:50] Prof. Osamu IEDA (JCAS, Slavic Research Center, Hokkaido University)

Prof. Kanchana Kanchanasut (Director of IER Lab, AIT)

Supervisor for Internet and Video Conference Systems

Thai Site : Mr. Kimiya KITANI (CSEAS, Kyoto University), Dr.Yasuo TSUCHIMOTO (AIT)

Japanese Site : Dr. Motonori NAKAMURA (ACCMS, Kyoto University)

Prof. Mamoru SHIBAYAMA, Center for Southeast Asian Studies, Kyoto University

46 Shimo-adachi-cho, Yoshida, Sakyo, Kyoto 606-8501

TEL 075-753-7314 FAX 075-753-7350

E-mail: sibayama@cseas.kyoto-u.ac.jp

CSEAS Bangkok Liaison Office, Kyoto University

Tel: 02-259-8485 Fax: 02-259-8419