

3rd KOREA-CHINA-JAPAN JOINT CONFERENCE ON GEOGRAPHY

October 8-11, 2008

Cheongju, Korea

Welcome

In keeping with the academic success and fruitful geographical research agenda settings of the first and second Conferences of Beijing and Kumamoto, the third Korea-China-Japan joint conference on geography will be held in Cheongju, Korea, from Oct. 8 to 11, 2008. The Korean Geographical Society and local organizers welcome East Asian geographers to Korea for the progress of geographical research and cooperation among the three nations.

Venue

Cheongju University, Cheongju, Korea

Theme

East Asian View on Global Integration

Advisory Committee

Professor LEE Min-Boo, President of the Korean Geographical Society

Professor LU Dadao, President of the Geographical Society of China

Professor TANIUCHI Toru, President of the Association of Japanese Geographers

Dr. YU Woo-ik, Secretary-General, International Geographical Union

Organizing Committee

Chairman

Professor KIM Hak-Hoon, Cheongju University, Korea

Secretary-General

Professor NAHM Kee-Bom, University of Seoul, Korea

Committee Members

Professor JEONG Hwan-Yeong, Kongju National University, Korea

Professor ZHANG Guoyou, The Geographical Society of China, China

Professor CHAI Yanwei, Peking University, China

Professor ARAKI Hitoshi, Yamaguchi University, Japan

Professor KIM Doo-Chul, Okayama University, Japan

Professor KIM Young-Hoon, Korea National University of Education, Korea

Professor LEE Won-Ho, Sungshin Women's University, Korea

Professor LEE Sung-Cheol, Dongguk University, Korea

Professor RYU Yeon-Taek, Chungbuk National University, Korea

■ Timetable

- October 8, 2008, Wednesday** *Venue: Goongjeon Buffet Restaurant, Cheongju*
14:00-17:00 Registration
17:00-17:20 Opening Ceremony
17:20-18:00 Plenary Session
18:30- Welcome Reception (hosted by the President of
Cheongju University)
- October 9, 2008, Thursday** *Venue: Cheongju University*
08:00-08:50 Breakfast
08:50-12:00 Academic Sessions
12:00-13:00 Lunch
12:00-13:00 Business Meeting
13:00-18:00 Academic Sessions
17:00-18:00 Poster Session
18:30- Dinner
- October 10, 2008, Friday** *Venue: Cheongju University*
08:00-08:50 Breakfast
08:50-11:40 Academic Sessions
11:40-12:00 Plenary Session
12:00-13:00 Lunch
13:00-18:00 Field Trip (Cheongju area)
18:30- Banquet Dinner (hosted by the President of
the Korean Geographical Society)
- October 11, 2008, Saturday** *Field Trip*
08:00-18:00 Field Trip (Seoul, Imjingak)
18:30- Farewell Dinner

■ Opening Ceremony

October 8, Wednesday, 17:00-17:20

Goongjeon Buffet Restaurant, Cheongju

Moderator: **NAHM, Kee-Bom** (Professor, the University of Seoul)

Opening Address: **KIM, Hak-Hoon** (Chairman, the Organizing Committee)

Welcome Address: **KIM, Yoon-Bae** (President, Cheongju University)

Welcome Address: **YU, Woo-ik** (Secretary-General, International Geographical Union)

■ Plenary Session

October 8, Wednesday, 17:20-18:00

Goongjeon Buffet Restaurant, Cheongju

1. **ZHANG, Guoyou** (Secretary-General, The Geographical Society of China)

“Greetings from the Geographical Society of China”

2. **TANIUCHI, Toru** (President, The Association of Japanese Geographers)

“Japanese Geographers’ Roles for Research Agenda and Cooperation among East Asian Countries”

3. **LEE, Min-Boo** (President, The Korean Geographical Society)

“Sharing Asian Trends and Global Future through Geography”

Academic Sessions

■ Session 1: Urban Space and Urbanization

October 9 (Thursday) 8:50 – 10:10

Room 1 (20-015)

Chair: CAO, Guangzhong (Peking University, China)

- 08:50-09:10 The Social Evaluation of Urban Residential Suitability: A Case Study of Dalian
CHEN, Li (Institute of Geographical Sciences and Natural Resources Research, China) · **ZHANG, Wen-zhong** (Graduate School of the Chinese Academy of Sciences, China)
- 09:10-09:30 Spatial Disparity of Urbanization on Provincial Level in China Since 1980s
CAO, Guangzhong (Peking University, China)
- 09:30-09:50 Four Regional Cities in the Transition Stage of Urban Economy in Japan
HINO, Masateru (Tohoku University, Japan)
- 09:50-10:10 Spaces of Fragmentation? - Linkages between Gated Community and its Neighborhood
FENG, Dan · **ZHU, Hong** · **WERNER, Breitung** (Sun Yat-Sen University, China)

■ Session 2: Place and Culture

October 9 (Thursday) 08:50 – 10:10

Room 2 (20-133)

Chair: RYU, Je-Hun (Korea National University of Education, Korea)

- 08:50-09:10 Sense of Place and Politics Behind Environmental Preservation Activities: A Case Study of the Kuma River Basin in Japan
TAKASAKI, Akihiro (Kumamoto University, Japan)
- 09:10-09:30 Korean, Chinese and Foreign Foods in Japan
ARAKI, Hitoshi (Yamaguchi University, Japan)
- 09:30-09:50 Reflections to Chinese Native Food Culture Response to the Globalization Challenge Since the Open and Reform
QIN, Mingzhou (Henan University, China)
- 09:50-10:10 A Historical-Geographical Identification of East Asia as a Cultural Region
RYU, Je-Hun (Korea National University of Education, Korea)

- 10:10–10:20 ♡ *coffee break* ♡

■ Session 3: Industrial Development and Resources

October 9 (Thursday) 10:20 – 11:40

Room 1 (20-015)

Chair: NAHM, Kee-Bom (University of Seoul, Korea)

- 10:20-10:40 The Limits to Competitiveness of Guro Industrial District, Seoul, Korea
NAHM, Kee-Bom (University of Seoul, Korea)
- 10:40-11:00 Agglomeration Mechanism of Content Industry - The Case of Animation Industry in Japan, Korea and China
YAMAMOTO, Kenta (Tohoku University, Japan)
- 11:00-11:20 Spatial dependence of urban employment change within the arguments of endogenous growth theory: an empirical test of knowledge spillovers among Korean cities
CHO, Cheol-Joo (Cheongju University, Korea)

- 11:20-11:40 The Price Decline of Rice and the Condition of Family Farm
Existence - A Case Study of Tohoku Region -
SASAKI, Toru (Tohoku University, Japan)

■ Session 4: Physical Geography and GIS

October 9 (Thursday) 10:20 – 11:40

Room 2 (20-133)

Chair: LEE, Sang-II (Seoul National University, Korea)

- 10:20-10:40 Global Warming and Alpine Plants of Korea
KONG, Woo-seok (Kyunghee University, Korea)
- 10:40-11:00 Water Scarcity Evaluation at the Watershed Scale in China
LI, Jiuyi (Institute of Geographic Sciences and Natural Resources
Research, CAS, China)
- 11:00-11:20 Cartography in a Web 2.0 Environment
OH, Chung-Weon (Namseoul University, Korea)
- 11:20-11:40 Exploring Bivariate Spatial Dependence and Heterogeneity: A
Comparison of Local Measures of Bivariate Spatial Association
LEE, Sang-II (Seoul National University, Korea)

- 12:00– 1:00 ♠ *lunch* ♠

■ Session 5: Regional Economy and Development

October 9 (Thursday) 1:00 – 2:40

Room 1 (20-015)

Chair: YAMADA, Harumichi (Tokyo Keizai University, Japan)

- 1:00-1:20 Internet Cafes, Japanese Style: Local Development and Transformation of Universal Business Practices
YAMADA, Harumichi (Tokyo Keizai University, Japan)
- 1:20-1:40 The Effect of Sports Clubs on Rural Revitalization
NAGAO, Atsushi · **KIM, Doo-Chul** (Okayama University, Japan)
- 1:40-2:00 SME, Technological Innovation and Regional Environment: The Case of Guangdong, China
QIAN, Qinglan · **CHEN, Yingbiao** · **DONG, Xiaomin** (Guangzhou University, China)
- 2:00-2:20 Changes in the Geography of Korean Foreign Direct Investment in China: Samsung CDMA FDI in China
LEE, Sung-Cheol (Dongguk University, Korea)
- 2:20-2:40 Vulnerability Assessment on Economic System of Mining Cities
CHENG, Yeqing · **LI, He** · **SU, Fei** (Regional Northeast Institute of Geography and Agroecology, CAS, China)

■ Session 6: GIS

October 9 (Thursday) 1:00 – 2:40

Room 2 (20-133)

Chair: KIM, Young Hoon (Korea National University of Education, Korea)

- 1:00-1:20 Exploring Geodemographical Techniques to Analyze Geographical Profiles Using Census Data Sets in Seoul, Korea
WOO, Hyun Jee · **KIM, Young Hoon** (Korea National University of Education, Korea)
- 1:20-1:40 The Research of Business Spatial Feature Analysis Based on GIS Technology: Taking Guangzhou as Example
CHEN, Yingbiao · **QIAN, Qinglan** (Guangzhou University,

- China)
- 1:40-2:00 An Alternative Method of Solving the Competitive Facility Location Problem with Deterministic Allocation Using GIS and Geometric Concepts
LEE, Gunhak (Statistics Research Institute of Korean National Statistical Office, Korea)
 - 2:00-2:20 How to Visualize Spatial Concentration Effectively?: Towards a Cartogram Approach with Population Census Data
KIM, Young Hoon (Korea National University of Education, Korea)
 - 2:20-2:40 A Study on the Improvement of Algorithm and Minimization of Spatial Errors for the Generalization of Linear Features
KIM, Nam Shin (Korea National University of Education, Korea)

 - 2:40–2:50 ♡ *coffee break* ♡

■ Session 7: Regional Development and Politics

October 9 (Thursday) 2:50 – 4:30

Room 1 (20-015)

- 2:50-3:10 **Chair: PARK, Bae-Gyoon** (Seoul National University, Korea)
State's Scalar Strategy Coping with Crisis of Regulation: Politics of Scale for a Nuclear Waste Disposal Site in South Korea
PARK, Bae-Gyoon (Seoul National University, Korea) · **KIM, Ki-Nam** (Jeongwang Highschool, Korea)
- 3:10-3:30 National Development Projects and Environmental Impact Assessment in Korea
LEE, Jong Ho (Cheongju University, Korea)

- 3:30-3:50 Growth Potentials on the Blue Power Belt in East Coastal Regions, Korea
JUNG, Sung-Hoon (Kangwon National University, Korea) · **LEE, Min-Boo** (Korea National University of Education, Korea)
- 3:50-4:10 The Making of New Regionalism in Building Hong Kong-Shenzhen Metropolis, China
LUO, Xiaolong (Nanjing Institute of Geography & Limnology, CAS, China) · **SHEN, Jianfa** (The Chinese University of Hong Kong, China)
- 4:10-4:30 Opportunities and Limitations of the Regional Government-led Cluster Policy in Establishing Institutional Capacity: The Case of ICT Cluster in Chuncheon
HWANG, In-Kyun (Kangwon National University, Korea)

■ Session 8: Urban Analysis and Migration

October 9 (Thursday) 2:50 – 4:30

Room 2 (20-133)

- 2:50-3:10 **Chair: CHAI, Yanwei** (Peking University, China)
Home-Work Separation and the Impacts of Housing Reform and Urban Sprawl: Evidence from Household Survey Data in Beijing, China
LIU, Zhilin · **CHAI, Yanwei** · **ZHANG, Yan** (Tsinghua University, China)
- 3:10-3:30 Activity-based Approach to Urban Space and Residents' Behavior Research in Beijing
CHAI, Yanwei (Peking University, China)
- 3:30-3:50 The Spatial Pattern of Population Movement in Korean Regional Hierarchy
CHANG, Yang Yi (Tohoku University, Japan)

- 3:50-4:10 Modeling the Spatio-Temporal Process of the Urban Spatial Interaction in Globalizing China: A Study of Beijing-Shanghai Corridor
WU, Wenjie · **ZHANG, Wenzhong** (Graduate School of the Chinese Academy of Sciences, China)
- 4:10-4:30 Recent Labor Migration of Korean Young Women
LEE, Hyun Uk (The University of Tokyo, Japan)

- 4:30–4:40 ♡ *coffee break* ♡

■ Session 9: Urban Development and Housing

October 9 (Thursday) 4:40 – 6:00

Room 1 (20-015)

- 4:40-5:00 **Chair: RYU, Yeon-Taek** (Chungbuk National University, Korea)
Post-Olympics Effect And the Sustainable Utilization of Peking Olympic Park
HE, Yan · **CHEN, Tian** (The Institute of Geographic Sciences and Natural Resources Research, CAS, China)
- 5:00-5:20 Analysis and Evaluation of the Amenity of Natural Environment: Taking Beijing City as an Example
FU, Xiao · **ZHANG, Jingqiu** · **YIN, Weihong** (Beijing Union University, China)
- 5:20-5:40 Maryland's Priority Funding Area and the Spatial Pattern of the New Housing Development
SOHN, Jungyul (Seoul National University, Korea) · **KNAAP, Gerrit** (University of Maryland, College Park, USA)

- 5:40-6:00 Housing Markets and Geographical Scale
RYU, Yeon-Taek (Chungbuk National University, Korea)

■ Session 10: Land Use and Policy

October 9 (Thursday) 4:40 – 6:00

Room 2 (20-133)

Chair: KIM, Doo-Chul (Okayama University, Japan)

- 4:40-5:00 Expansion of Abandoned Cultivated Lands and its Background in
 Japan's Hilly and Mountainous Areas
TERATOKO, Yukio · TAKAGI, Akihiko (Kyushu University,
 Japan)
- 5:00-5:20 The Changes in Use and Resources Management in Tam Giang
 Lagoon, Central Vietnam Under the Impact of Land Allocation
 Policy
NGUYEN, Huu Ngu · KIM, Doo-Chul (Okayama University,
 Japan)
- 5:20-5:40 Community-based Arable Land Management in Japan: Sustainable
 or Unsustainable?
KIM, Doo-Chul · MAETA, Shinya (Okayama University, Japan)
- 5:40-6:00 Policy Integration of Thinning Promotion: A Case of Ishinomaki
 District Forest Owners' Cooperative, Miyagi Prefecture, Japan
TADA, Tadayoshi (Tohoku University, Japan)

■ Session 11: Industry and Urban Planning

October 10 (Friday) 08:50 – 10:10

Room 1 (20-015)

Chair: TAIRA, Atsushi (Kagawa University, Japan)

- 08:50-09:10 Oil Supply and Demand in California
KIM, Hak-Hoon (Cheongju University, Korea)
- 09:10-09:30 An Overview of Urban Planning and Urban Evolution in Beijing
Between 1949 and 2004
LI, Dongquan (School of Public Administration Remin University
of China, China)
- 09:30-09:50 A Study on the Features of Leisure Behavior of Beijing Female
Residents
LI, Chen (Beijing Union University, China)
- 09:50-10:10 Survival Strategies of a Local Industry and the Characteristics of its
Oversea Operations: A Case Study of the Glove-related Industry
in Eastern Kagawa, Japan
TAIRA, Atsushi (Kagawa University, Japan)

■ Session 12: Climatology and Environment

October 10 (Friday) 08:50 – 10:10

Room 2 (20-133)

Chair: MATSUMOTO, Jun (Tokyo Metropolitan University, Japan)

- 08:50-09:10 Investigation of the Climate Changes in Japan Since 1979 Using
Frontal Data
TAKAHASHI, Nobuto (The University of Tokyo, Japan)
- 09:10-09:30 Climatic Changes in Monsoon Asia Based on Historical Documents
and Old Observation Data
**MATSUMOTO, Jun · ZAIKI, Masumi · HIRANO, Junpei·
OHSUKA, Michiko · MIKAMI, Takehiko** (Tokyo Metropolitan
University, Japan)
- 09:30-09:50 A Multi-scale Assessment of Environmental Issues and Cooperation
in Northeast Asia
PARK, Soo Jin (Seoul National University, Korea)

- 09:50-10:10 Recent Trends on Temperature and Precipitation Extreme Events in South Korea
CHOI, Youngeun (Konkuk University, Korea)

- 10:10–10:20 ♠ *coffee break* ♠

■ Session 13: Location and Spatial Structure

October 10 (Friday) 10:20 –11:40

Room 1 (20-015)

Chair: LI, Wenling (Guangzhou University, China)

- 10:20-10:40 Geographies of Computer Games: Locating PC-bang in the Korean Youth Cultures
KIM, Hakhee (Gyeongin National University of Education, Korea)
- 10:40-11:00 Study on the Urbanism Spatial Structure Development
LI, Wenling (Guangzhou University, China)
- 11:00-11:20 Locations and Meanings of Dumangang(豆滿江), Tomun(土門), Tomungang(土門江) and Bungyegang(分界江) in the Archives of Joseon(朝鮮) Dynasty
LEE, Kang-Won (Chonbuk National University, Korea)
- 11:20-11:40 Assessment of “5·12” Earthquake Disaster Impact on Deyang City and its Restructuring Strategy
Ji, Xiaomei (Institute of Geographical Science and Natural Resources Research ,CAS, China)

■ Session 14: Geomorphology and Environment

October 10 (Friday) 10:20 – 11:40

Room 2 (20-133)

Chair: LI, Lijuan (Chinese Academy of Sciences, China)

- 10:20-10:40 A Study on Landform and the Environmental Change by Land Use in Duman River, Northeast Korea
LEE, Min-Boo (Korea National University of Education, Korea) · **KIM, Nam-Shin** (Korea National University of Education, Korea) · **JIN, Shizhu** (Yanbian University, China)
- 10:40-11:00 Study on Ecological Water Requirement In-stream - A Case Study in Songhuajiang River Basin, North-East China
LI, Lijuan · **LI, Jiuyi** · **Liang, Liqiao** (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences)
- 11:00-11:20 Episodic Coastal Dune Development in the Taean Peninsula and Anmyeon Island, Korea, During the Mid to Late Holocene
YU, Keun Bae (Seoul National University, Korea) · **BROOK, George A.** (University of Georgia, USA) · **RHEW, Hosahng** (Seoul National University, Korea) · **SHIN, Young Ho** (Seoul National University, Korea) · **KIM, Sung Hwan** (Silla University, Korea) · **BROOK, Fong Z.** (University of Georgia, USA)
- 11:20-11:40 A Geographical Study of Anti-Japanese Movement in Manchuria - the Focus of Anti-Japanese National Education Movement in Northern Kan-do
JIN, Shizhu (Yanbian University, China)

■ Plenary Session: The Next Conference in China

October 10 (Friday) 11:40 – 12:00

Room 1 (20-015)

Poster Session

October 9 (Thursday) 17:00 – 18:00

Conference Hall

- (1) Urban Fringe Land Use Problem and Solution in Kaifeng City
GUO, Jing (Land Administration Affairs Institute of Kaifeng, China) · **LU, Hongyan** · **JING, Fang** (Henan University, China)
- (2) A Study of Local Development in Depopulation Area in South Korea
JEONG, Sock-ho (Tohoku University, Japan)
- (3) 9 Student Teachers' Practical Knowledge Contents in Geography Teaching Experience
KANG, Chang-Sook (Chungbuk National University, Korea)
- (4) GIS Analysis of the Asiatic Black Bear (*Ursus thibetanus*) Habitats by Using Various Time-serial in the Western Chugoku Mountains, Japan: A Case Study of Pre-Yoshiwa Village and Pre-Togouchi Town, Hiroshima Prefecture.
KANG, Suk-Kyeong (Okayama University, Japan)
- (5) The Present Conditions of the Irrigation Canals in Kumagaya City, Saitama Prefecture, Japan; with Reference to its Role for Habitats of Aquatic Organisms
MOTOKI, Masatoshi (Rissho University, Japan)
- (6) The Late-1980s Regime Shift in the Winter Northern Hemisphere Temperature
SAKASHITA, Koji (Tohoku University, Japan)
- (7) Economy-wide Material Metabolism and Dematerialization Analysis in Jilin Province
TONG, Lian-jun (Northeast Institute of Geography and Agricultural Ecology, Chinese Academy of Sciences, China)
- (8) Regional Development of the Yangtze River Basin and China's Industrialization
WU, Ying-mei (Yunnan Normal University, China)
- (9) The Mechanism of Labor Supply and Demand of Japanese Companies in Thailand

NIWA, Takahito (Tohoku University, Japan)