

## **2008 Publications**

### **Papers in Journals**

Komaki, N., Lee, H. S., Eimura, K., and Onozawa, Y. 2008. A change of food retail and shopping behavior in Shimodate District, Chikusei City, Ibaraki Prefecture. *Annals of Human and Regional Geography*, 30, 143-160. (J)

Mizutani, C., Murayama, Y., Morimoto, T., Tatsuya, S., and Kameyama, S. 2008. GIS education with field work for high school students: A case study of Science Partnership Project-. In: *Research on GIS use in school and social education. Research Report Grant-in-Aid for Scientific Research B, JSPS*, 60-66p.p. (JE)

Murayama, Y., Komaki, N. and Ono, H. 2008. Development and utilization of fieldwork GIS station. *Tsukuba Studies in Human Geographer*, 32, 37-50.

Murayama, Y. (ed.) 2008. *GIS for Business and Administration*. Asakura-Shoten, Tokyo, 196p.

Ohbi, K. 2008. Landscape characteristics from the viewpoint of river systems in watersheds: a case study of the Nakagawa, Kasumigaura, Kinugawa and Kokaigawa watersheds in the North Kanto Region, Japan . *Journal of Geography*, 117(2), 534-552. (JE)

Ohbi, K. and Murayama, Y. 2008. Significance and problems of building the Geography Network in the University of Tsukuba. *Tsukuba Studies in Human Geography*, 32, 1-16. (JE)

Thapa, R. B. and Murayama, Y. 2008. Land evaluation for peri-urban agriculture using analytical hierarchical process and geographic information system techniques: A case study of Hanoi. *Land Use Policy*, 25(2), 225-239.

Thapa, R. B., Murayama, Y., and Ale, S. 2008. Kathmandu. *Cities*, 25(1), 45-57.

### **Book Reviews**

Park, S. K. 2008. *Personal Mobilities* (by A. Kellerman, Routledge, London; New York, 2006), *Geographical Review of Japan*, 81:(5) 419-422 (173-176) (in English edition)

### **Symposiums and Conferences**

Eimura, K. 2008. Time-series evacuation hazard mapping for volcanic disaster. *Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17*, pp. 229-232.

Komaki, N. 2008. Reconstruction of food superstores in local area: A case study of Tokushima Prefecture. In *Research Abstracts on Spatial Information Science. CSIS DAYS 2008*, University of Tokyo, December 11-12.

Lwin, K. and Murayama, Y. 2008. Monitoring of urban thermal fringes using remote sensing data and GIS: A case study of Tsukuba City. In *Research Abstracts on Spatial Information Science. CSIS DAYS 2008*, University of Tokyo, December 11-12.

Lwin, K. and Murayama, Y. 2008. A GIS tool for building population analysis. *Papers and*

Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 149-154.

Lwin, K. and Murayama, Y. 2008. A construction of test bed for spatially integrated online social survey system. URISA Annual Conference & Exposition. New Orleans. USA, October 7-10.

Lwin, K. and Murayama, Y. 2008. Spatially integrated online social survey system (SIOSSS) for public facility management and government decision support. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Mizutani, C. 2008. Land use transition analysis considering stable area: A case study of Tsukuba Science City. In Research Abstracts on Spatial Information Science. CSIS DAYS 2008, University of Tokyo, December 11-12.

Mizutani, C. and Thapa, R. B. 2008. Spatial-temporal socioeconomic dynamics and land use change of Tsukuba city. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 1-4.

Mizutani, C. and Thapa, R. B. 2008. Identifying the spatial-temporal relation between population distribution and land use dynamics. In proceedings of the Asia GIS Conference, Busan, Korea, September 26-27.

Mizutani, C. and Thapa, R. B. 2008. Analysis of Population and Land Use Dynamics in Tsukuba City using Grid Square Statistics Data. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Mizutani C., Maruyama M., Kojima, D., Yamazaki K., Nagasaka, Y., Vista, B. M., and Matsui K. 2008. Current situation of historical buildings in Shimodate District, Chikusei City, Ibaraki Prefecture. In Proceedings of the General Meeting of the Association of Japanese Geographers. Dokkyo University, Saitama, March, 29-30. 69p.

Morimoto, T. and Murayama, Y. 2008. Development of teaching methods for GIS education in geography: cases at the College of Natural Science and the Department of Geoenvironmental Sciences, University of Tsukuba. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 281-284.

Mundia, C. N. and Murayama, Y. 2008. Change analysis and modeling future urban scenarios in Nairobi City. In Research Abstracts on Spatial Information Science. CSIS DAYS 2008, University of Tokyo, December 11-12.

Mundia, C. N. and Murayama, Y. 2008. Urban growth analysis and modeling: A case of Nairobi City. 31st International Geographical Congress, Tunis, Tunisia, August 12-15.

Mundia, C. N. and Murayama, Y. 2008. Sustainability in African cities: Land use/cover changes and modelling urban growth in Nairobi City. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 15-20.

Mundia, C. N. and Aniya, M. 2008. Environmental Land Use/Cover Change Analysis in Nairobi City Using Multi-temporal Remote Sensing and GIS. Global Mapping Forum, Tokyo, June, 5-7.

Mundia, C. N. and Murayama, Y. 2008. Land use/cover change and predicting urban growth in Nairobi city. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Murayama, Y. 2008. Development of Teaching Method of Geographical Information Science: A Case of University of Tsukuba. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 523-528.

Ohbi, K. and Murayama, Y. 2008. Development and application of the geographic information portal for GIS education. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 509-512.

Ohbi, K. 2008. Directions of land use change and their main driving factors in the southern region of Ibaraki, Japan. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Park, S. 2008. Geographical characteristics of telemedicine in Korea and Japan. In Research Abstracts on Spatial Information Science. CSIS DAYS 2008, University of Tokyo, December 11-12.

Park, S. 2008. Geographical characteristics of telemedicine between Korea and Japan. In proceedings of the Annual Meeting of the Human Geographical Society of Japan, University of Tsukuba, Japan, November 8-10.

Thapa, R. B. and Murayama, Y. 2008. Driving factors of land use changes in Kathmandu Valley, Nepal. Papers and Proceedings of the Geographic Information Systems Association, Tokyo, Japan, No. 17, pp. 11-14.

Thapa, R. B. and Mizutani, C. 2008. Examining spatiotemporal land use change and socioeconomic dynamics of Tsukuba city. In proceedings of the Annual International Conference of Royal Geographical Society with Institute of British Geographers, London, UK, August 27-29.

Thapa, R. B. and Murayama, Y. 2008. Spatial structure of land use dynamics in Kathmandu Valley. In: Chen, J., Jiang, J. & Peled, A. eds., The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, XXXVII(B8), 11-16. ISPRS Congress XXI, Beijing, July 3-11.

Thapa, R. B. and Murayama, Y. 2008. Examining land use change process in Kathmandu Valley using multi-temporal satellite imageries. In proceedings of the Annual Meeting of Association of American Geographers, Boston, USA, April 15-19.

Thapa, R. B. and Murayama, Y. 2008. Analyzing land use change of urban environment in Kathmandu Valley. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Vista, B. and Murayama, Y. 2008. Spatial patterns and determinants of poverty: The case of Albay and Camarines Sur Provinces, Bicol Region, Philippines. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 25-30.

Watanabe, R. 2008. An approach to the spatial aspects of smallpox diffusion in a rural area of northeast Japan during early modern era. In proceedings of the Annual Meeting of the Human

Geographical Society of Japan, University of Tsukuba, Japan, November 8-10.

(J: Japanese, JE: Japanese with English abstract)