

## 2010 Publications

### Papers in Journals

Estoque, R. C., and Murayama, Y. 2010. Suitability analysis for beekeeping sites in La Union, Philippines, using GIS and multi-criteria evaluation techniques. *Research Journal of Applied Sciences*, 5, 242–253.

Kawabata, M., Thapa, R. B., Oguchi, T., and Tsou, M. H. 2010. Multidisciplinary cooperation in GIS education: a case study of US colleges and universities. *Journal of Geography in Higher Education*, 34, 493–509.

Khoi, D. D., and Murayama, Y. 2010. Delineation of suitable cropland areas using a GIS based multi-criteria evaluation approach in the Tam Dao National Park region, Vietnam. *Sustainability*, 2, 2024–2043.

Khoi, D. D., and Murayama, Y. 2010. Forecasting areas vulnerable to forest conversion in the Tam Dao National Park region, Vietnam. *Remote Sensing*, 2, 1249–1272.

Komaki, N. 2010. Locational trends of large-scale retail stores and their effects in the Tokushima urban region: A locational regulation perspective. *Geographical Review of Japan*, 83(2), 192–207.

Lwin, K. K., and Murayama, Y. 2010. Development of GIS tool for dasymetric mapping. *International Journal of Geoinformatics*, 6(1), 11–18.

Lwin, K. K., and Murayama, Y. 2010. Urban Thermal Fringes Detection and Environmental Quality Assessment: A Case Study of Tsukuba City. *Tsukuba Geoenvironmental Sciences*, 6, 23–27.

Mizutani, C., and Thapa, R. B. 2010. Relational analysis between population density and land use using grid statistics data: a case study of Tsukuba Science City. *ESTRELA (Expertise in Statistics and Research for Leaders and Administrators)*, 193, 28–33.

Mundia, C. N., and Murayama, Y. 2010. Modeling spatial processes of urban growth in African cities: A case study of Nairobi City. *Urban Geography*, 31(2), 259–272.

Park, S. 2010. Geographical characteristics of telemedicine in Korea and Japan. *Geographical Review of Japan Series B*, 83(1), 32–46.

Park, S. 2010. The centralization and decentralization of telemedicine networks in Korea and Japan: Case studies of Choongbook and Kagawa. *NETCOM*, 24, 79–108.

Thapa, R. B., and Murayama, Y. 2010. Drivers of urban growth in the Kathmandu Valley, Nepal: Examining the efficacy of the analytic hierarchy process. *Applied Geography*, 30(1), 70–83.

## **Symposiums and Conferences**

Bunruamkaew, K. 2010. Site suitability for ecotourism using GIS & AHP: A case study of Surat Thani Province. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Dang Khoi, D., and Murayama, Y. 2010. Projecting deforestation patterns in Tam Dao National Park, Vietnam. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Estoque, R. C. 2010. Mapping of potential sites for beekeeping in the Province of La Union, Philippines using GIS and RS. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Estoque, R. C., and Murayama, Y. 2010. Detecting and analyzing land use/cover changes in a hill station: A case study in Baguio city, Philippines. In research abstracts on spatial information science, CSIS Days 2010, November 11-12, 2010, University of Tokyo, Japan.

Gismondi, M. 2010. Spatial analysis of the behaviour of residents after the 2004 Chuetsu Earthquake. A case study of Kawaguchi Village. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Gismondi, M. 2010. Spatial analysis of the behaviour of residents after the 2004 Chuetsu Earthquake: a case study of Kawaguchi Village, Japan. In proceedings of the Praire Summit, Canadian Association of Geographers annual meeting, 129–132.

Gismondi, M. 2010. Spatial analysis of the behaviour of residents after the 2004 Chuetsu Earthquake. In proceedings of the America Association of Geographers Annual Meeting, April 14-18, 2010.

Hanashima, Y. 2010. The factors leading the miss classifications in the land use classification processes. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Khoi, D. D., and Murayama, Y. 2010. Integration of GIS and multi-criteria evaluation for cropland allocation in the Tam Dao National Park region, Vietnam. In proceedings of the Japan-Korea International Symposium, 1B-2. Kyoto, Japan, October 22-24, 2010.

Komaki, N. 2010. Spatial analysis of mega stores in Japan. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Lwin, K. K., and Murayama, Y. 2010. Centralized geo-database and mobile field data collection: An introduction to student field survey project. In research abstracts on spatial information science, CSIS Days 2010, November 11-12, 2010, University of Tokyo, Japan.

Lwin, K. K., and Murayama, Y. 2010. Interactive spatial planning on a GIS network model. In proceedings of the GISA Annual Conference 2010, October 23-24, 2010, Ritsumeikan University, Kyoto, Japan.

Lwin, K. K., and Murayama, Y. 2010. Spatial web technology for urban green society. In proceedings of the 5th Japan-Korea-China Joint Conference on Geography, "Green Society in East Asia: A Geographical Contribution", November 7-10, 2010, Tohoku University, Sendai, Japan.

Mizutani, C., Koarai, M., and Nakano, T. 2010. Land use transition analysis using polygon based land use. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Morimoto, T. 2010. Composing grid square statistics of agricultural census and its application. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Munthali, K. G. 2010. Reservoir siltation and flood control: Estimating sediment yield of the Songwe river watershed. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Munthali, K. G., and Murayama, Y. 2010. Land use/cover change detection for Dzalanyama Forest Reserve, Lilongwe, Malawi. In research abstracts on spatial information science, CSIS Days 2010, November 11-12, 2010, University of Tokyo, Japan.

Park, S. K. 2010. Centralization and decentralization of telemedicine networks in Korea and Japan: Case studies of Choongbook and Kagawa. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010

Thapa, R. B., and Murayama, Y. 2010. Land cover change modeling in Kathmandu, Nepal. In research abstracts on spatial information science, CSIS DAYS 2010, November 11-12, 2010, University of Tokyo, Japan.

Thapa, R. B., and Murayama, Y. 2010. Simulating urban growth in Kathmandu, Nepal. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.

Thapa, R. B., and Murayama, Y. 2010. Spatial modeling of urban dynamics in the Kathmandu Valley, Nepal. In papers and proceedings of the Geographic Information Systems Association, 19, 4p. Kyoto, Japan: GISA.

Wijaya, C. I. 2010. Land use change detection using Remote Sensing and GIS technologies in Siak District, Riau Province, Indonesia. In proceedings of the Japan Geoscience Union Meeting, Makuhari, Japan, May 23-28, 2010.