

2005 Publications

Papers in Journals

Murayama, Y. (ed.). 2005. Cities in Global Perspective: Diversity and Transition, IGU Urban Commission, 626p. (with Du, G.)

----- 2005. Cities in global perspective: diversity and transition. In Murayama, Y. and G Du, eds., Cities in Global Perspective: Diversity and Transition, IGU Urban Commission, 1-10.(with Du, G.)

----- 2005. Development of GIS Core Curricula – Examination of Curriculum Draft – Working Group on GIS Education Curricula, Geographic Information Systems Association in Japan, 36 p. (J, with Okabe, A., Oguchi, T., Kohsaka, H., Satoh, H., Kawabata, M.)

----- (ed.). 2005. Geographical Information Systems. Asakura-shoten, 205p. (J)

Uezu, T., 2005. Residential Movement of Factory Workers in Suwa Area, Nagano Prefecture. Annals of Human and Regional Geography, 27, 113-125(J)

Kaneko, J. and Komaki, N., 2005. The location analysis of large-scale stores in Ibaraki prefecture using GIS. Studies in Human Geography, 29, 15-32. (JE)

Komaki, N. 2005. A study on measuring the automobile accessibility and the traffic environment by travel speed: A case of Suwa area, Nagano prefecture. Annals of Human and Regional Geography, 27, 127-137. (J)

Ahmadi Nejad Masouleh, F., 2005. The daily travel of villagers to the city in a case study of Northern Iran. GeoJournal, 64:(3) 153-162. [Abstract]

Zhao, Y., Murayama, Y. & Zhang, Y., 2005. Field-based fuzzy spatial reasoning model for geographical information systems: case of constraint satisfaction problem. Theory and Application of GIS, 13:(1) 21-31.

Zhao, Y., and Murayama, Y., 2005. Effect characteristics of spatial resolution on the analysis of urban land use pattern: a case study of CBD in Tokyo using spatial autocorrelation index. In: Cities in Global Perspective: Diversity and Transition. Y. Murayama and G. Du (Eds.), IGU Urban Commission, Aug. 20-24, Tokyo, 585-594.

Symposiums and Conferences

Ohbi, K., Kuwahara, Y., Kurosaki, K., Ebisawa, M., Saeki, T., Murayama, Y., 2005. Directions of land use change in surrounding municipalities of “Tsukuba Express” railway line. Papers and Proceedings of the Geographic Information Systems Association, 14, 189-194. (JE).

Ohbi, K., 2005. Visualization and sharing of regional environmental information on a watershed basis. In: The 4th International symposium on Digital Earth, Tokyo, Japan, March 28-31.

Zhao, Y., Murayama, Y. (2005). Spatial effect on pattern analysis of urban land use in different classification systems. Papers and Proceedings of the Geographic Information Systems Association, 14, 67-71.

Murayama, Y. (2005). Development of GIS core curricula: a curriculum draft, chapters 1 and 2. Center for Spatial Information Science, University of Tokyo, Discussion Paper, 66, 1-16. (J, with Kawabata, M., Okabe, A., Oguchi, T., Kohsaka, H.)

----- 2005. Analysis of urban spatial structure using spatial attributes of irregular areas. Papers and Proceedings of the Geographic Information Systems Association, 14, 1-6. (J, with Zhang, C.)

----- 2005. Locational relationship between river and human inhabitation – Comparative study of population distributions in Meiji era and today in Naka and Ara river basins, Kanto region -. Papers and Proceedings of the Geographic Information Systems Association, 14, 353-356. (JE, with Yamashita, A. et al.)

----- 2005. Spatial analysis of historical statistical data using GIS and DEM – A case study of the distribution of water mills in Kanto area recorded in Requisition order list 1891 -. Papers and Proceedings of the Geographic Information Systems Association, 14, 357-360. (JE, with Watanabe, H. et al.)

----- 2005. Cultivation abandonment and physical and social environment: an analysis of the rural community statistics with GIS. Papers and Proceedings of the Geographic Information Systems Association, 14, 319-324. (JE, with Morimoto, T. et al.)

Komaki, N. and Murayama, Y., 2005. Lecturing and hand-on studies of quantitative geography using "SDAM (Spatial Data Analysis Machine)". Papers and Proceedings of the Geographic Information Systems Association, 14, 405-408. (JE)

Zhao, Y., and Murayama, Y., 2005. Urban land use pattern and spatial scale: An analysis using spatial autocorrelation index: Case of CBD in Tokyo Metropolitan Area. In: CSIS DAYS 2005 of Center for Spatial Information Science at the University of Tokyo, Sept. 28, Tokyo.

Zhao, Y., and Murayama, Y., 2005. Scale effect in urban land use pattern analysis: A comparison between two systems of land use classification. In: the 7th International Cooperative Seminar between KAGIS and GISA. In: Proceedings of the 7th International Cooperative Seminar between KAGIS and GISA, Oct. 7, Jeju, South Korea, 89-100.

Zhao, Y., and Murayama, Y., 2005. Effect characteristics of spatial resolution on the analysis of urban land use pattern: a case study of CBD in Tokyo using spatial autocorrelation index. In: International Conference on Monitoring Cities of Tomorrow. IGU Urban Commission, Aug. 20-24, Tokyo, 585-594.

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