

ACADEMIC SHORT CV



Department of Civil and Environmental Engineering
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NAME: Kojiro WATANABE

CURRENT POSION: Assistant Professor of Urban Planning

Academic Qualifications:

- 2001 D.E. Graduate School of Engineering, Toyohashi University of Technology
- 1998 M.E. Graduate School of Engineering, Toyohashi University of Technology
- 1996 B.E. Department of Architecture and Civil Engineering, Toyohashi University of Technology

Membership and Committees:

Architectural Institute of Japan, City Planning Institute of Japan, Japan Society of Civil Engineers, GIS Association of Japan

Present and recent interests of research:

- Planning Support Systems for Urban Planning and Design by GIS

Research Publications:

Refereed Journal Articles:

Prasanna Divigalpitiya, Akira Ohgai, Takeru Tani, Kojiro WATANABE and Yoshimizu Gohnai: Modeling Land Conversion in the Colombo Metropolitan Area Using Cellular Automata, Journal of Asian Architecture and Building Engineering, Vol.6, No.2, pp.291-298, 2007.

Akira Ohgai, Yoshimizu Gohnai and Kojiro WATANABE: Cellular automata modeling of fire spread in built-up areas, -A tool to aid community-based planning for disaster mitigation-, Computers, Environment and Urban Systems, Vol.31, No.4, pp.441-460, 2007.

Gohnai Yoshimizu, Akira Ohgai, Shinji IKARUGA, Takaaki Kato, Kei-ichiro Hitaka, Masahiro MURAKAMI and Kojiro WATANABE: Development of a Support System for Community-based Disaster Mitigation Planning Integrated with a Fire Spread Simulation Model Using CA -The results of an experimentation for verification of its usefulness, Innovations in Design & Decision Support Systems in Architecture and Urban Planning, pp.35-51, 2006.

Papers in Refereed Conference Proceedings:

Kojiro WATANABE: Urban Growth Simulation Considering Disaster Risk in Provincial Cities, Papers and Proceedings of the Geographic Information Systems Association, Vol.19, 2010.

Tomoko Tamaari, Kojiro WATANABE, Keiichi SUZUKI and Akio Kondo: Development of SHOZUI Ruins Digital Museum Combined With Cellular Phone and Website, Proceedings of the 11th International Conference on Computers in Urban Planning and Urban Management, 2009.

Kojiro WATANABE and Akio Kondo: A STUDY ON THE DEVELOPMENT CONTROL METHOD USING THE ATMOSPHERIC POLLUTION GAS ABSORPTION ON GREEN AREA, The 5th International Symposium on City Planning and Environmental Management in Asian Countries, pp.1-9, 2006.