

CURRICULUM VITAE

HIRONOBU HASEGAWA

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PERSONAL DETAILS

Gender: Male
Date of birth: 19 Oct 1980
Place of birth: Furano City, Japan
Nationality: Japan

EDUCATION

- | | |
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| 1999-2004 | Department of Civil and Architecture Engineering, Muroran Institute of Technology |
| 2004-2009 | Graduate School of Engineering, Department of Civil Engineering, Muroran Institute of Technology
Awarded the degree of PhD in civil engineering for a thesis entitled <i>Development of the Discriminant Method for the Knowledge Discovery from Infrastructure Planning Databases</i> .
Work supervised by Professor Tohru TAMURA |

WORKING EXPERIENCE

2006-2007	Part-time Instructor at the Department of Civil Engineering, Nihon Kogakuin College of Hokkaido, Japan
2006-2009	Research Assistant at the Department of Civil and Architecture Engineering, Muroran Institute of Technology, Japan
2009-present	Research Associate at the Department of Civil and Environmental Engineering, Akita National College of Technology, Japan

MEMBERSHIP OF ACADEMIC SOCIETIES

2003-present	Japan Society of Civil Engineers
2005-present	Eastern Asian Society of Transportation Studies
2006-present	City Planning Institute of Japan
2007-present	World Conference on Transport Research Society
2008-present	Japanese Society for Artificial Intelligence

RESEARCH FIELD

Transportation engineering
National, Regional and Urban Planning

Research Topics(only english papers shown below):

Traffic Accident Analysis[5, 6]
Road Traffic Control and Management[4, 1, 2]
Intelligent Transportation System[8]
Marginal Areas Research[9, 3, 7]

REFERENCES

- [1] Masaru FUJII, Hironobu HASEGAWA, Mikiharu ARIMURA, and Tohru TAMURA. A study on index of journey time reliability to evaluate road projects in rural areas. In *Proceedings of The 11th World Conference on Transportation Research*, University of California, Berkeley, California, June 2007. World Conference on Transport Research Society. DVD-ROM.
- [2] Masaru FUJII, Hironobu HASEGAWA, Mikiharu ARIMURA, and Tohru TAMURA. A study on journey-time reliability contributing to the sustainable development of rural areas. In *Proceedings of The Eastern Asia Society for Transportation Studies*, Vol. 6, pp. 166–177, Dalian Maritime University, Dalian, September 2007. Eastern Asia Society for Transportation Studies.

- [3] Masaru FUJII, Hironobu HASEGAWA, Mikiharu ARIMURA, and Tohru TAMURA. A study on the possibility of achieving the sustainable development of rural areas utilizing social capital. *Social Capital and Development Trends in Rural Areas*, Vol. 4, pp. 161–170, 2009.
- [4] Hironobu HASEGAWA, Naoto IDA, Tohru TAMURA, and Mikiharu ARIMURA. Study on the evaluation of existing transportation networks and the required road maintenance level in emergency care. In *Proceedings of The Eastern Asia Society for Transportation Studies*, Vol. 5, pp. 2365–2375, Queen Sirikit National Convention Center, Bangkok, Kingdom of Thailand, September 2005. Eastern Asia Society for Transportation Studies.
- [5] Hironobu HASEGAWA, Masaru FUJII, Mikiharu ARIMURA, and Tohru TAMURA. A basic study on traffic accident data analysis using support vector machine. *Journal of the Eastern Asia Society of Transportation Studies*, Vol. 7, pp. 2873–2880, December 2007.
- [6] Hironobu HASEGAWA, Masaru FUJII, Mikiharu ARIMURA, and Tohru TAMURA. A study on traffic accident analysis using support vector machines. In *Proceedings of The 11th World Conference on Transportation Research*, University of California, Berkeley, California, June 2007. World Conference on Transport Research Society. DVD-ROM.
- [7] Risa KAWASHIMA, Hironobu HASEGAWA, Mikiharu ARIMURA, and Tohru TAMURA. Building an artificial society model for interaction between networks and norms. *Social Capital and Development Trends in Rural Areas*, Vol. 4, pp. 225–239, 2009.
- [8] Yuta MURAI, Mikiharu ARIMURA, Hironobu HASEGAWA, Tohru TAMURA, and Yasuhiko KAJIYA. Text mining analysis on methods of information provision that influence tourists ' travel behavior. *Journal of the Eastern Asia Society for Transportation Studies*, Vol. 8, 2010(in press).
- [9] Tohru TAMURA, Masaru FUJII, Hironobu HASEGAWA, and Mikiharu ARIMURA. A study of the possibility of sustainable development of regions that coexist with nature - from the perspectives of the role of infrastructure and development of social capital-. *Social Capital and Development Trends in Rural Areas*, Vol. 3, pp. 25–45, 2008.