

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: Japanese

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 Development of the Discriminant Method for the Knowledge Discovery from Infrastructure Planning Databases. Work supervised by Professor Tohru TAMURA |

Working Experience

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| 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 selected research papers shown below):

Traffic Accident Analysis[6, 7]
Road Traffic Control and Management[5, 2, 3]
Intelligent Transportation System[9, 1]
Marginal Areas Research[10, 4, 8]

References

- [1] Mikiharu ARIMURA, Toshiyuki NAITO, Hironobu HASEGAWA, and Tohru TAMURA. Application of data mining techniques to congestion data analysis: The case of sapporo urban area. In Selected Proceedings of World Conference on Transport Research, Vol. 12, Lisbon, jul 2010.
- [2] 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, jun 2007. World Conference on Transport Research Society. DVD-ROM.
- [3] 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, sep 2007. Eastern Asia Society for Transportation Studies.

- [4] 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, mar 2009.
- [5] 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, sep 2005. Eastern Asia Society for Transportation Studies.
- [6] Hironobu HASEGAWA, Masaru FUJII, Mikiharu ARIMURA, and Tohru TAMURA. A basic study on traffic accident data analysis using support vectormachine. *Journal of the Eastern Asia Society of Transportation Studies*, Vol. 7, pp. 2873–2880, dec 2007.
- [7] Hironobu HASEGAWA, Masaru FUJII, Mikiharu ARIMURA, and Tohru TAMURA. A study on traffic accident analysis using support vector machines. In *Proceedings of The World Conference on Transportation Research*, Vol. 11, University of California, Berkeley, California, jun 2007. World Conference on Transport Research Society. DVD-ROM.
- [8] 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, mar 2009.
- [9] 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, pp. 941–953, sep 2010.
- [10] 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, sep 2008.