

# Wataru MORIOKA

Ph.D. Student

Department of Geography and Geographic Information Science

University of Illinois at Urbana-Champaign

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## Education

2017.3 Master of Environmental Studies

Department of Socio-Cultural Environmental Studies,  
Graduate School of Frontier Sciences, University of Tokyo

Thesis: Evaluation of Defensive Situations in Football Games: Focusing on the  
Possibility of Passes

Supervisor: Professor Yukio Sadahiro

2014.3 Bachelor of Arts in Cultural and Creative Studies

Department of Cultural and Creative Studies,  
School of Cultural and Creative Studies, Aoyama Gakuin University

Thesis: A GIS-based Method for Converting Area-based Data to Network-based  
Data and Its Application

Supervisor: Professor Atsuyuki Okabe

## Publication

### Refereed Papers

Taima, M., Y. Asami, K. Hino, and W. Morioka. "Influential Factors and Prediction of  
Location of Building Coverage in a City Block in Tokyo Commercial Zones" *Theory  
and Applications of GIS*,24(2), 2016, pp.85-96 (in Japanese)

### Non-refereed Papers, Proceedings and Presentations

Morioka, W., Y. Sadahiro, and A. Okabe. "Spatio-temporal Analysis of Hot Spots by  
Using a Telephone Book", *CSIS Days*, D09, Japan, November 2017. (in Japanese)

Morioka, W., Y. Sadahiro, and A. Okabe. "Spatio-temporal Analysis of Hot Spots by  
Using a Telephone Book", *Papers and Proceedings of the Geographic Information  
Systems Association*, 26, B-2-2 (CD-ROM), Japan, October 2017. (in Japanese)

Morioka, W., Y. Sadahiro, S. Mishio, and T. Kobayashi. "Evaluation of Defensive  
Situations in Football Games: Focusing on the Possibility of Passes", *11th spring  
meeting of the Japan Statistical Society poster session*, No.41, Japan, March 2017.  
(in Japanese)

- Morioka, W., H. Kim, T. Hamada, K. Hino. "A Report on Spatial Distribution of Wells: A Case Study of Ogusuku and Ogido District in Okinawa Prefecture", *Reports of the City Planning Institute of Japan*, No.15, pp.313-316, Japan, February 2017. (in Japanese)
- Morioka, W., Y. Sadahiro, S. Mishio, and T. Kobayashi. "Evaluation of Defensive Situations in Football Games: Focusing on the Possibility of Passes", *Papers and Proceedings of the Geographic Information Systems Association*, 24, C-4-2 (CD-ROM), Japan, October 2015. (in Japanese)
- Morioka, W., T. Sekiguchi, and Y. Asami. "Evaluation of the Proximity to the Nearest Store Measured by Route Distance", *CSIS Days*, C01, Japan, November 2014. (in Japanese)
- Morioka, W. and A. Okabe. "A GIS-based Method for Converting Area-based Data to Network-based Data and Its Application", *Papers and Proceedings of the Geographic Information Systems Association*, 22, D-4-3 (CD-ROM), Japan, October 2013. (in Japanese)
- Okabe, A. and W. Morioka. "A GIS-based Method for Converting Area-based Data to Network-based Data and Its Application", *ICA Workshop on Street Networks and Transport Proceedings*, pp3, Germany, August 2013.

## Research Interests

Geographic Information Science, Spatial Analysis, Spatio-temporal Analysis, Moving Objects, Spatial Statistics.

## Employment

2017.11 - 2018.07	RA	Center for Spatial Information Science, University of Tokyo
2015.10 - 2016.01	TA	Introduction of Spatial Information Science, Chuo University
2015.04 - 2015.07	TA	Urban Environments and Human Behavior, Chuo University
2014.10 - 2015.01	TA	Introduction of Spatial Information Science, Chuo University
2013.04 - 2014.03	RA	Society-Academy Collaborative Research and Education Center, Aoyama Gakuin University
2012.04 - 2014.03	TA	Seminar-Basic, Aoyama Gakuin University

## Award

2013	Scholarship Incentive Award, Aoyama Gakuin University
2012	Scholarship Incentive Award, Aoyama Gakuin University