

Last modified: Sep, 2020

YUYA SHIBUYA

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EDUCATION

Ph.D. The University of Tokyo, Japan Graduate School of Interdisciplinary Information Studies (Graduated as a representative of the school) Ph.D. Thesis Title: <i>"Using Social Media Communication Data for Recovery: A Study Exploring the Possibility of Detecting Socio-Economic Activities Following a Disaster"</i> Completed the Graduate Program for Social ICT Global Creative Leaders	March 2019
M.A The University of Tokyo, Japan Graduate School of Interdisciplinary Information Studies Socio-information and Communication Studies	March 2016
BA in Philosophy Keio University, Tokyo, Japan Humanities and Social Science Department	2006-2010

ACADEMIC POSITION

The University of Tokyo The Interfaculty Initiative of Information Studies <i>Project Research Associate</i>	April 2019 - Present
The Weizenbaum Institute <i>Research Fellow</i>	June 2020 - Present
Musashi University, Tokyo, Japan <i>Part-time Lecturer</i>	Sep 2020 - Present

OTHER EMPLOYMENT

Corpy&CO., Inc., Tokyo, Japan <i>Research Manager</i>	March 2020 - Present
The Open Governance Network, Tokyo, Japan The Open Governance Lab, Tokyo, Japan <i>Research Director</i>	July 2019 - Present
Hitachi Transport System, Ltd., Tokyo, Japan <i>Data Analyst Intern</i>	August 2018 - September 2018
Higashi Nippon Broadcasting Co, Ltd., Sendai, Japan <i>Journalist</i>	2010 - 2014
Mainly covered crime and legal stories, as well as covering the Great East Japan Earthquake and Tsunami of 2011	

FELLOWSHIP / GRANTS

The Weizenbaum Institute, Research Fellow	2020
The Telecommunications Advancement Foundation	2019-2020
The Graduate Program for Social ICT Global Creative Leaders	2016-2019
Leave a Nest Grant	2017

AWARDS

The Budding Scholar Award [Shinshin-kenkyu-syo], The Society of Socio-Informatics, Japan	2019
The PhD Thesis Award, the Society of Socio-Informatics, Japan	2019
The Academic Award of the Japan Economic Policy Association (Junior award)	2019
Best Student Paper Nomination at ISCRAM 2019	2019
Graduated PhD as a representative of the Graduate School (GSII), the University of Tokyo	2019
NTT DATA Twitter Innovation Contest 2019, Excellence Award	2019
Selected as a CEO Leader which devote to train data scientists	2018
LNest Grant, Proto Award	2017
Distinguished Paper Award at 2016 e-Case & e-Tech	2016

SKILLS

Python, R

Languages

English (fluent) and Japanese (native)

TEACHING EXPERIENCE

<i>Instructor</i> , Musashi University, Tokyo, Japan Course: Critical Thinking	2020
<i>Instructor</i> , GSII, The University of Tokyo, Study Group: Introduction to Data Analysis and Visualization with Python	2019

PUBLICATION

Book

1. **Shibuya, Yuya**, (2020). Social Media Communication Data for Recovery: Detecting Socio-Economic Activities Following a Disaster. Springer, DOI:10.1007/978-981-15-0825-7.

Journal

1. **Shibuya, Yuya** Tanaka, Hideyuki, (2019). Using Social Media to Detect Socio-Economic Disaster Recovery. IEEE Intelligent Systems, May/June 2019, 34(3), 29-37.
2. **Shibuya, Yuya**. Tanaka, Hideyuki. (2019). How Does a Large-scale Disaster Impact on the Used-car Market? A case study of the Great East Japan Earthquake and Tsunami. The International Journal of Economic Policy Studies, 13(1), 89-117. <https://doi.org/10.1007/s42495-018-0003-6>, (The academic award of the Japan Economic Policy Association [Junior award])
3. **Shibuya, Yuya** and Hideyuki Tanaka (2018), A Statistical Analysis Between Consumer Behavior and a Social Network Service: A Case Study of Used-Car Demand Following the Great East Japan Earthquake and Tsunami of 2011, the Review of Socionetwork Strategies, 12(2):205-236, <https://doi.org/10.1007/s12626-018-0025-6>
4. **Shibuya, Yuya**. (2017). Impact of ICT tools on Disaster Logistics Issues. International Journal of Business and Information, 12(3): 311-342.
5. **Shibuya, Yuya**. (2017). A Typology for ICT-facilitated Citizen Coproduction: Pre- and Post-Disaster. International Journal of Cyber Society and Education, 10(2): 65-86

Conference Paper

1. Takagi, Soichiro **Shibuya, Yuya**. (2019), Macroeconomic Modeling of the Recovery from Natural Disaster. In Proceedings of the Japan Association for Social and Economic Systems Studies, Oct 26-27nd 2019. Nagoya, Japan.
2. **Shibuya, Yuya** Tanaka, Hideyuki. (2019), Socio-Economic Disaster Recovery Captured by Big Housing Market Data. In Proceedings of IEEE Global Humanitarian Technology Conference (GHTC) 2019, Oct 18-21nd 2019. Seattle, WA. (Referred)
3. **Shibuya, Yuya** Tanaka, Hideyuki. (2019), Detecting Disaster Recovery Activities via Social Media Communication Topics. In Proceedings of the 16th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2019), 706-718, May 19-22nd 2019. Valencia, Spain. (Referred, Best Student Paper Nomination)
4. **Shibuya, Yuya** Tanaka, Hideyuki. (2018), How Does Public Sentiment on Social Media Reflect Socio-Economic Disaster Recovery? Poster session presented at the 5th International Conference on Information Communication Technologies for Disaster Management, Dec 4-7th 2018. Sendai, Miyagi, Tohoku University, Japan.
5. **Shibuya, Yuya** Tanaka, Hideyuki. (2018), Topics of Social Media Communication and Socio-Economic Recovery. Poster session presented at ISCRAM ASIA PACIFIC 2018, Nov 5-7th 2018. Wellington, New Zealand.

6. **Shibuya, Yuya** Tanaka, Hideyuki (2018), Does Sentiment of Social Media Sense Mid-to Long-Term Socio-Economic Disaster Recovery? A Case Study of Hurricane Sandy Focusing on Housing Demand. In Proceedings of the 17th International Conference of the Japanese Economic Policy Association (Oct. 2018). Fujisawa: Kanagawa, Keio University, Japan.
7. **Shibuya, Yuya** and Tanaka, Hideyuki. (2018). Public Sentiment and Demand for Used Cars after A Large-Scale Disaster: Social Media Sentiment Analysis with Facebook Pages. In Proceedings of the 5th International Workshop on Social Web for Disaster Management (SWDM'18), February 9th, Los Angeles, CA. (Refereed)
8. **Shibuya, Yuya**. (2017). Mining Social Media for Disaster Management: Leveraging Social Media Data for Community Recovery, In Proceedings of IEEE Big Data workshop on the 2nd International workshop on application of big data for computational social science (Dec. 2017), Boston, MA. 3029-3036. (Refereed)
9. **Shibuya, Yuya** and Tanaka, Hideyuki (2017), "A Demand Side Analysis of the Car Market after the Great East Japan Earthquake and Tsunami of 2011: A content analysis of Facebook Pages," In Proceedings of the 16th International Conference of the Japanese Economic Policy Association, (Nov. 2017), Okinawa, Japan.
10. **Shibuya, Yuya**. (2016). Impacts of ICT tools in humanitarian logistics: A case study of the Great Earthquake and Tsunami of 2011. e-Case e-Tech 2016-Fall, October 7-9, Taipei, in CD Proceeding. (Refereed, **Distinguished Paper Award**)
11. **Shibuya, Yuya**. (2016), "A Typology for ICT-facilitated Citizen Coproduction: Pre- and Post-Disaster," NETs2016 (International Conference on Internet Studies), July 22-24, 2016, Osaka, in CD Proceeding. (Refereed)

REFEREES

Available on Request.