

Department of Urban Science and Policy 2019FY Annual Report

■Staff List of the Department of Urban Science and Policy, Faculty of Urban Environmental Sciences (in alphabetical order of the family name)

Shin AIBA, Professor

Chisato ASAHI, Professor

Taro ICHIKO, Professor

Fumiko ITO, Professor

Akira KANEKO, Associate Professor

Nozomi MATSUI, Professor

Motoi NAGANO, Associate Professor

Mami OKU, Professor

Ken SHIRAIISHI, Professor

Yoko SUGUHARA, Associate Professor

Masashi TAKAMICHI, Assistant Professor

Hidenori TAMAGAWA, Professor

Aya WAKITA, Assistant Professor

Kiyomi WADA, Professor

Kahoruko YAMAMOTO, Associate Professor

Assistant Professor Wakita transferred to Ochanomizu University in April, 2020.

<< Shin AIBA >>

1) Staff

Shin AIBA Associate Professor/Dr. Eng.
Urban Planning, Machizukuri
Rm.9-566, +81 426 77 1111 Ext.4237 aib@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Study on reconstruction from disaster

Shin AIBA

I studied on reconstruction plans and projects from Great East Japan earthquake. I supported to design reconstruction park and conducted an experiment to leave lessons and memories of disaster in Ryori village, Ofunato city. Results were published on academic magazines and book. I also held an exhibition and 6 symposiums on Ryori village.

2. Urbanism on population decreasing age

Shin Aiba

I discussed and examined a theory of urban planning and design on population decreasing age. I conducted a research project of planning Tokyo suburbs. Results are published on some articles and magazines.

3. Comparative study on machizukuri in east Asian countries

Shin Aiba

I researched urban regeneration policies after 2000 in Tokyo, Taipei and Seoul. And I researched community design project in Republic of China. Results are published on some articles and magazines.

4. Technologies to support machizukuri

Shin AIBA

I develop technologies to support discussion and consensus building by citizens. I develop a workshop method to support to decide a policy of regeneration of public facilities in Tama new town.

3) List of Research Activities in 2019FY

1. Peer reviewed paper

Shin Aiba: Long term transformation of building locations in tsunami-prone area:Case study of Ryori village, Iwate prefecture, Journal of City Planning Institute of Japan 54(3), pp. 1139-1144, CPIJ, 2019. 11 (in Japanese)

Chie Nozawa, Shin Aiba, Masahiko Nakanishi, Ryo Sanuki, Haruka Mochizuki: Issues on the Measures to Induce Residence and Urban facilities with Formulating the Location Normalization Plan:Through the Analysis of a Questionnaire to Municipalities in the Initial Period after the Formulation of the plan, Journal of City Planning Institute of Japan 54(3), pp. 840-847, CPIJ, 2019. 11 (in Japanese)

3. Others

3-1. Technical books

Shigeru Satoh・Shin Aiba et.al 「Japanese Machizukuri and Community Engagement」
Routledge, 2020. 1

<< Chisato ASAHI >>

1) Staff

Chisato ASAHI, Professor, Doctor of Urban Science

Urban and Environmental Economics, Evaluation Research, Cost-Benefit Analysis
Rm.2-107, +81 426 77 1111 Ext.1944, asahi@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Evaluation Research : A Study on Economic Evaluation of Public Facilities

Our study aims to examine the nature of facility evaluation and the method of facility evaluation in order to construct an evaluation method of public facility restructuring. This study is funded by RISTEX project “Designing a Sustainable Society through Intergenerational Co-creation”

2. Urban and Environmental Economics : Measurement of Regional Capital and Interregional Migration

This study aims to show a measurement model of the local Inclusive Wealth Index considering the relations of the interregional migration and artificial, human, and nature capital per person, because it is necessary to take the migration endogenously into account in the local model of IWI. We conducted empirical analysis using Functional Urbanized Area data as a panel setting which is provided by OECD.

This study is supported by JSPS KAKENHI Grant Number JP 16K03634.

3. Social Overhead Capital Management : Infrastructure Management for Sustainable Region

This study examines the legislative systems of regional infrastructure provision and maintenance in order to explore how regional infrastructures should be maintained and managed by Area-Management. We investigate domestic and international case studies with reference to the regional infrastructures’ initiatives in terms of energy, regional public transportation, environment, disaster prevention and so on. We inspected Stadtwerke in German public service entities operated privately and are building up organizational model for mechanism design for positive analysis.

This study is conducted in participating as a visited researcher in a research project, “Efficient Maintenance Management of Regional Infrastructures by Area-Management” organized by Policy Research Institute for Ministry of Land, Infrastructure, Transport and Tourism” .

3) List of Research Activities in 2019FY

1. Peer reviewed paper

- 1) Fumiko KIMURA, Kiyoko HAGIHARA, Noriko HORIE, and Chisato ASAHI, “Study on Funding Support for Social Enterprise – Focusing on Social Finance”, Studies in Regional Science, Volume 49, Issue 2, pp. 317-333, 2020.
- 2) Toshihide Matsumura and Chisato Asahi, “A Study on Economic Evaluation of Public Facilities- Regional Utilization Other than Intended Purposes of School Facilities”, Studies in Regional Science, Volume 49, Issue 3, 2020 (in press).
- 3) Noriko HORIE, Kiyoko HAGIHARA, Fumiko KIMURA, and Chisato ASAHI, “The Evaluation of Museum-like Functions of Urban Facilities for Regional Sustainability”, Studies in Regional Science, (submitted).
- 4) Miwa Ebisu and Chisato Asahi, “Differences between residential land values based on sales data and based on rent income: Using published appraisal report data based on the Land Value Publication Act in Tokyo”, Studies in Regional Science, (submitted).

2. Proceedings of oral presentation

- 1) Chisato Asahi, “Economic evaluation of stock effects of regional inclusive wealth in metropolitan area”, Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)
- 2) Yoriko Tsuchiya, Chisato Asahi, and Yasuo Bamba, “A study on the regional management entities contributing to the improvement of the local finance efficiency Focusing on the local public corporation “Stadtwerke” in Germany””, Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)
- 3) Noriko HORIE, Kiyoko HAGIHARA, Fumiko KIMURA, and Chisato ASAHI, “The Evaluation of Museum-like Functions of Urban Facilities for Regional Sustainability”, Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)
- 4) Miwa Ebisu and Chisato Asahi, “Differences between land prices based on sales data and rent income: an analysis using published appraisal report data based on the Land Value Publication Act”, Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)

- 5) Toshihide Matsumura and Chisato Asahi, ” A Study on Intergenerational Welfare in Holding Public Facilities” , Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)
- 6) Takeshi Sugiyama and Chisato Asahi, “Analysis of the structure of discussion in the council by linguistic data of the minutes” , Collected Papers for Presentation In the 56th Annual Meeting of the Japan Section of the RSAI, Kurume University, JAPAN September 13-15, 2019 (in Japanese)

3. Others

3-1. Technical books

Chisato Asahi ed. ”Building Resilient Regions” New Frontiers in Regional Science: Asian Perspectives 35, Springer (2019/7)

3-2. Monographs

Chisato Asahi, “ A study of comprehensive capital measures in the region” ,Nikkoken Series A-759, The Japan Research Center for Transport Policy, 2020 (in Japanese)

3-3. Commentary/essays, Book review

Chisato Asahi, “Economic Valuation of Urban Green by the Zoning System: Current Status and Possibility of Subjective Well-being Approach” , Landscape Research Japan, Journal of the Japanese Landscape Architecture, Vol.83, Issue.4, 2020 (in Japanese)

4) Funded Research Projects (Competitive Research Funds, etc.)

1. KAKENHI (Grant-in-Aid for Scientific Research)

As a Principal Investigator : Grant-in-Aid for Scientific Research (C), “ Stock effects of Social Overhead Capital Provision focusing on the Relationship between Urban Employment Area and Non-Urban Employment Area. 2016-2019.

2. Others

As a Co-Investigator, Building a Support System to Public Facility Management for a Sustainable Region, JST/RISTEX: Project Year: Oct 2016 - Mar 2020.

<< Taro ICHIKO >>

1) Staff

Taro ICHIKO

Professor/ Doctor of Urban Science

Urban Planning, Disaster Research, Hazard Mitigation Planning

Rm.9-553,+81-42-677 1111 Ext. 4272 ichiko-taro@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Research of a long-term recovery for housing and living environment

The impact of natural disasters has a long time depending on the degree of damage. How do people recover housing, life and livelihood? What do people adapt for rapid change by the hazard? Our laboratory engaged in the long-term survey after big natural disasters.

We have been continuing visiting the disaster-stricken area and interviewing survey in the 2011 Great East Japan Earthquake. And the survey of Kumamoto earthquake in 2016 by a half year.

Adding to those continuing survey from previous year, we carried out damage and community-response survey for Typhoon 19 disaster what occurred in October 2019.

2. Resiliency Studies

From the viewpoint of urban planning, we are conducting research risk mitigation strategy for natural disaster. In particular, the focus was on "creating a community that is resilient and rapidly recovering from the disaster". That means to pre-disaster planning for reconstruction.

In fiscal 2019, we carried out an action-research on Higashi-ikebukuro district, Toshima City.

3. Risk communication Studies

To protect ourselves from tsunamis and typhoons, it is inevitable for each person to evacuate and act. But natural disaster has difficulties of uncertainty and information imperfection. It can be said that it is necessary to improve the decision-making ability to cope with disasters from the normal time. It's also just the risk-communication study.

We are engaged in an action research at the Kamiyugi district in Hachioji City. And we were also engaged in the research for disaster prevention leader training in the Machida city.

<< Fumiko ITO >>

1) Staff

Fumiko ITO Professor / Dr. Eng.

Urban Planning, Urban and Regional Analysis, Analysis of Residential Environment,
Urban Environmental Psychology and Behavior Analysis

Rm.9-558, +81 426 77 1111 Ext.4273 itofumi@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Urban area analysis, research of psychology and behavior

Fumiko Ito

The condition of the city, citizen's evaluation of environment and the relationship between those are analyzed to get suggestion for creating comfortable environment.

Following topics were researched in 2019 FY.

- i) Proposal of estimation method of walking stress level using heart rate variability and application in urban area
- ii) evaluation of easiness of walking around in Olympic area based on stress level estimation
- iii) Review and overview of research on walkability

2. Housing choice, living behavior of residents

Fumiko Ito

Housing choice and living behavior of residents are analyzed to clarify the demand

of residential service. Relationship between residential environment and housing choice, behavior of residents were analyzed.

Following topic was researched in 2019 FY.

iv) Condition and situation of high aged condominium

3) List of Research Activities in 2019FY

1. Refereed papers

Yosuke SUZUKI, Shoko NISHIO and Fumiko ITO (2019)

' Proposal of estimation method of walking stress level using heart rate variability and application in urban area analysis '

Journal of the City Planning Institute of Japan, Vol.54, No.3, 811-817. (in Japanese)

2. Proceedings of Oral Presentations

Shoko NISHIO, Yosuke SUZUKI and Fumiko ITO (2019)

'An evaluation of easiness of walking around in Olympic area based on stress level estimation Part1 estimation of stress level while walking'

Summaries of Technical Papers of Annual Meeting, the Architectural Institute of Japan, pp. 433-434. (in Japanese)

Yosuke SUZUKI, Shoko NISHIO and Fumiko ITO (2019)

'An evaluation of easiness of walking around in Olympic area based on stress level estimation Part2 visualization of easiness of walking around'

Summaries of Technical Papers of Annual Meeting, the Architectural Institute of Japan, pp. 435-436. (in Japanese)

3. Others

3-2. Monographs

Fumiko ITO (2019)

'Overview of the US national walkability index and considerations for its applicability to Japan' ,

"The Japanese journal of real estate sciences," Vol.33, No.3, pp. 39-42. (in Japanese)

Fumiko ITO(2019)

‘Real Estate Issues of Walkability’ ,

“The Japanese journal of real estate sciences,” Vol.33, No.3, pp.29-30. (in Japanese)

4) Funded Research Projects (Competitive Research Funds, etc.)

1. KAKEN-HI (Grant-in-Aid for Scientific Research)

Grant-in-Aid for Scientific Research S. ‘Residential Environment Effect on Brain, Circulatory, Respiratory and Motile Organ: benefit evaluation of disease prevention’, (Principal-Investigator: Professor Ikaga, T., Keio University), 2017-2021, Co-Investigator.

2. Others

Priority Allocation of Research Funds (for the Entire University) at the Discretion of the President. ‘Multilateral Research on Accessibility of the Olympic and Paralympic venues, and, their Universal Design and Continuous Use of Venue Facilities’ (Research director: Yoshikawa, T.), 2017-2019.3, Co-Investigator.

<< Akira KANEKO >>

1) Staff

Akira KANEKO

Associate Professor

M.A.(Economics), University of Tokyo

Public Finance, Local Public Finance, Public Economics, Public Policy

2) Overview of Research Activities in 2019FY

In this research, we have analyzed Japanese intergovernmental fiscal relations and

investigated the causes of fiscal disparities between local governments. Furthermore, we have also attempted to clarify the structure of the Japanese welfare state in comparative perspective.

3) List of Research Activities in 2019FY

2. Proceedings of oral presentations

Akira Kaneko , “ The Theoretical and Empirical Research on Housing Policy in Japan” , In the 66th Annual Meeting of the, Japan Society for Urbanology, Hiroshima JMS ASTER PLAZA, October 26, 2019.

Akira Kaneko , “ International Comparative Study on Housing Policy” , In the 15th Annual Meeting of the Association for Regional Management in Japan, Meiji University, November 30, 2019.

3. Others

3-2. Monographs

Akira Kaneko , “ The Theoretical and Empirical Research on Housing Policy in Japan” , Collected Papers for Presentation In the 66th Annual Meeting of the, Japan Society for Urbanology, 2019.

<< **Nozomi MATSUI** >>

1) Staff

Nozomi MATSUI Professor / M.A. Law

Public Administration

Rm. 2-104; +81-42-677-1111 ext.1926; matsui-nozomi@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. A study of Planning Administration in Local Government

2. A study of Intergovernmental support for staff after the Great East Japan Earthquake.

3. A study of personnel management for female local officials.

4. A study on coordination system between Tokyo Metropolitan Government and 23 cities in the metropolitan area.

3) List of Research Activities in 2019FY

3. Others

3-4. Others

Commentary/essays:

Nozomi MATSUI、

“Formulation of local government plan after decentralization reform” , THE TOSHI MONDAI (Municipal Problems) , Vol.110,No.9, pp.48-61. [in Japanese].

“Changes in the social environment as seen in the questionnaire survey ” , Urban administration in the age of population decline、2020-3. [in Japanese].

“Municipal decision-making process ” , Urban administration in the age of population decline、2020-3. [in Japanese].

“Staff participation in local government planning and human resource development and utilization ” 2020-3. [in Japanese].

4) Funded Research Projects (Competitive Research Funds, etc.)

1. KAKENHI (Grant-in-Aid for Scientific Research)

Co-Investigator

• Scientific Research (C), “Intergovernmental support for staff after the Great East Japan Earthquake” 2017-2019.

• Scientific Research (C), “Coordination system between Tokyo Metropolitan Government and 23 cities in the metropolitan area” 2017-2019.

• Scientific Research (B), “Cooperation and Collaboration among Multiple Administrative Entities Based on Comparative Case Analysis” 2019-2022.

• Scientific Research (B), “Study on present situation and challenges of self-

government in the mountainous areas of Japan” , 2019-2022.

• Scientific Research (C)A Study on the Secretariat Organization in Japanese Municipalities - the Picture and Function of Finance Section in Japanese Prefectural Governments, 2019-2022.

2. Others

• Nomura Foundation “Personnel management for female local officials” 2017-2020. (Co-Investigator)

<< **Motoki NAGANO** >>

1) Staff

Motoki NAGANO

Associate Professor/ M. Political Science

Urban Administration, Local Governance

Rm.9-559, +81-42-677-1111 ext.4163 nagano@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Citizen participation in urban governance

This year, I continued my ongoing study of the policymaking dynamics of Japanese municipal governments and citizen participation in these processes, focusing on two issues. First, I examined recent trends in local assembly reformation by nationwide mail questionnaire surveys. Second, I investigated the dynamics of planning and review processes at the local executive branch level, by observing and participating as an advisory committee member in several municipalities, or by the oral history approach.

3) List of Research Activities in 2019FY

2. Proceedings of oral presentations

Motoki Nagano “Project Assessment by Deliberative Democracy-Based Participation in

Municipal Government: A Case Study of a Citizen Deliberation Meeting in Shinjuku City,” Proceedings of the International Symposium “Designing Deliberative Democracy: Practice and Experiments” (February 18-19, 2020, Waseda University, Tokyo) Organizer: Planning committee of the International Symposium “Designing Deliberative Democracy: Practices and Experiments,” Center for Positive/Empirical Analysis of Political Economy, Top Global University Project of Waseda University / Co-organizer: Japan Mini-Publics Research Forum.

Motoki Nagano, “A Study on Municipal Performance Reviews by Panels of Randomly Sampled Lay-Citizens,” 5th Annual Conference of Japan Mini-Public Research Forum, December 7, 2019 (Tokyo Institute of Technology, Tokyo) [in Japanese].

Motoki Nagano, “Project Assessment by Deliberative Democracy-Based Participation in Municipal Government: A Case Study of a Residents’ Deliberation Meeting,” Proceedings of 2019 International Conference on Urban Development (August 28, 2019, Yunnan University, China), Organizer: School of Architecture and Urban Planning, Yunnan University.

Motoki Nagano “What Are the Outcomes of Municipal Assembly Reformation?” The first year of Reiwa National Workshop for Chairmen and Vice-Chairmen of Town and Village Assemblies, National Association Chairmen of Town and Village Assemblies, May 28, 2019 (Tokyo International Forum, Tokyo) [in Japanese].

3. Others

3-2. Monographs

Motoki Nagano, “Citizen Deliberation Meetings (Shimin Tougikai),” Proceedings of the International Symposium “Designing Deliberative Democracy: Practice and Experiments” (February 18-19, 2020, Waseda University, Tokyo) Organizer: Planning committee of the International Symposium “Designing Deliberative Democracy: Practices and Experiments,” Center for Positive/Empirical Analysis of Political Economy, Top Global University Project of Waseda University / Co-organizer: Japan Mini-Publics Research Forum. (<https://jrfminipublics.wixsite.com/mysite/citizen-deliberation-meetings-shimi>)

3-3. Commentary/essays

Motoki Nagano, “Mini-Publics and Local Assembly Reformation,” Local Autonomy Daily

(Jichinippo), October 25, 2019 [in Japanese].

Motoki Nagano, “Citizen Participation in the Consideration Process for Assembly Members’ Remuneration,” Local Autonomy Daily (Jichinippo), April 26, 2019 [in Japanese].

Book review:

Motoki Nagano, “Book Review: Michiaki Yamaguchi’s *Fundamentals of Municipal Welfare Administration*,” *The Annuals of the Japan Association for the Study of Local Government*, no. 30, pp. 175-186, July 2019 [in Japanese].

3-4. Others

Lectures:

Motoki Nagano, “Assembly Bulletins for Better Citizen Participation in Local Assemblies,” 2nd Workshop for Assembly Bulletins in the First Year of Reiwa, Tokyo Metropolitan Cities Chairmen Association, January 27, 2020 (Mitaka City Assembly, Tokyo) [in Japanese].

Motoki Nagano, “Current Status on Remuneration, Quorum and Applicants Shortage for Town and Village Assembly Members,” Witness in the Special Committee on the Quorum and Remuneration for Assembly Members, Kuriyama Town Assembly, December 18, 2019 (Kuriyama Town Assembly, Hokkaido) [in Japanese].

Media comments:

“Cross-Examination in Shirahama Assembly, the First Step for More Openness in the Municipal Assembly,” Kii Mimpo (first page, morning edition), March 4, 2020 [in Japanese].

“Presences Diminishing? Hachioji Mayor Election Officially Starts on Jan. 19,” Tokyo Shimbun (Morning, Tama & Musashino Edition, p. 18), January 14, 2020 [in Japanese].

“Tokyo Metropolitan, 6 Prefectures, 31 Cities & Wards Assemblies Prohibit Citizens Photographing in the Assembly hall,” Tokyo Shimbun (Morning Edition) April 18, 2019 [in Japanese].

4) Funded Research Projects (Competitive Research Funds, etc.)

1. Grants-in-Aid for Scientific Research (KAKENHI Grants)

Principal Investigator, Scientific Research (C), No. 17K03547, “Negotiation and

Consultation Mechanisms between Tokyo Metropolitan Government and Ward Governments after Decentralizing Reforms in Fiscal Year 2000,” FY 2017-2019. 4,160,000 JPY.

Co-Investigator, Scientific Research (B), No. 18H01607, “Neo-liberalistic City Planning System: Their Results and Formation Process in East Asian Mega Cities,” FY 2018-2020.

<< Mami OKU >>

1) Staff

Mami OKU Professor/ MA. of Law

Environmental Law, Administrative Law, Law of Urban Policy

Rm. 2-115, +81 426 77 1111 Ext. 1925 oku-mami@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. A Review of Judicial precedents concerning landscape lawsuits

A former mayor of the Kunitachi City had been sued by the City for not compensating for her actions which gave financial damage to the City by trying to stop the construction of a high residential building which she thought would not match with the neighboring environment. Legitimacy of the City's action to exercise its right to obtain reimbursement from the former mayor had been questioned in this legal case. In this review, the position of this particular law suit in the judicial precedents on series of Kunitachi landscape lawsuits was explained and legal issues concerning the court ruling from the environmental law point of view was explored.

2. Recent development of climate change policy in UK

The UK is known to have introduced ETS, Climate Change Levy and Climate Change Agreement prior to other parts of the world and also enacted the Climate Change Act 2008 which legally require the UK government to realise the long term GHG reduction targets toward 2050. This research aimed to obtain information and insights concerning the recent development of UK climate change law and policy framework and measures to

reach the reduction targets as well as to explore a pathway for the Japanese climate change policy.

3. Recent development of climate change policy in EU

EU has been actively introduced EU-ETS Directive and other legislations concerning climate change. This research aimed to obtain information and insights concerning the recent development of EU climate change law and policy framework and measures to reach the reduction targets as well as to explore a pathway for the Japanese climate change policy.

4. Environmental policy framework and mix of policy instruments in municipalities

Municipalities are expected to play essential roles to combat newly evolving environmental issues - e.g. adaptation to climate change, water pollution due to plastic waste, reduction of food waste and food losses. However, many municipalities are still searching for effective and concrete solutions to combat these issues. The continued study has been carried out to draw effective mix of legal and other policy instruments for municipalities to implement.

3) List of Research Activities in 2019FY

2. Proceedings of oral presentations

Gave a speech titled “Chofu environment and global environment - what we can do to combat diversifying environmental issues” at the Intermediate Report Session on Environmental Basic Plan of Chofu City held on 25 January 2020.

3. Others

3-1 Technical books

Mami Oku, Law suit brought by the Kunitachi City to exercise its right to obtain reimbursement from the former mayor of Kunitachi City - Case review of appealed court decision of Tokyo High Court on 22 December 2015, Kankyoho-kenkyu (Review of environmental law) No. 10, February 2020, Shinzansha .

3-3. Commentary/essays:

Mami Oku, Recent Development of Climate Change Policy in UK, Research Project of the Ministry of Environment 2019, Report on Environmental Legal Structure and Paris Agreement Group, Shoji-homu Kenkyukai.

Mami Oku, Recent Development of Climate Change Policy in EU, Research Project of the Ministry of Environment 2019, Report on Environmental Legal Structure and Paris Agreement Group, Shoji-homu Kenkyukai.

Mami Oku, Third Person's Opinion on "Environmental Report 2019" of Environmental Restoration and Conservation Agency.

Mami Oku, Third Person's Opinion on "CSR Report 2019" of Sagawa Group Holdings.

3-4. Others

Coordinator:

Gave a comment on a presentation titled "Liability of land owners under the legal structure of invasive alien plants control in England" at an annual conference of Japan association for environmental law and policy, 9 June 2019.

Lectures:

Gave a lecture to staff of Tokyo Metropolitan Government at a training programme on urban policy, 20 June 2019.

Gave a brief explanation on draft of the fifth Basic Comprehensive Administrative Plan of Higashi Kurume City and facilitated a panel discussion concerning the plan, 15 December 2019.

<< Ken SHIRAISHI >>

1) Staff

Ken SHIRAISHI Professor/Ph.D. of Law

Law and economics, Behavioral economics, Economic crime

Rm.2-108, +81 42 677 1111 Ext.1942 shiraishi-ken@tmu.ac.jp

2) Overview of Research Activities in 2019FY

Research on corporate culture and corporate scandals

In this research, we are examining effectively deterring corporate scandals that are caused by corporate culture, by empirically clarifying the formation process and accountability position of organizational culture in a company.

3) List of Research Activities in 2019FY

3. Others

3-2. Monographs

SHIRAIISHI, K. and MURATA, M. (2020) Factors behind corporate scandals in the context of organizational culture—Analysis using word networks, Journal of Urban Science and Policy, Vol,1,No,1,Tokyo Metropolitan University (in Japanese) (in press)

SHIRAIISHI, K. (2020) The problem of expensive non-penal fine and the significance of non-penal fine—On notice of non-penal fine for improper completion inspection—Journal of Urban Science and Policy, Vol,1,No,2,Tokyo Metropolitan University (in Japanese) (in press)

4) Grants-in-Aid for Scientific Research

1. KAKENHI Grants

Scientific Research (C) [Principal investigator]. Research on responsibility and deterrence theory of misconduct by corporate culture using text mining, 2018-2020FY

<< Yoko SUGUHARA >>

1) Staff

Yoko SUGIHARA Associate Professor / Ph.D. (Health Science)

Health Sociology, Social Gerontology, Elderly Welfare

Rm.9-565, +81 42 1111 Ext.4278 sugihara@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. The impact evaluation of the reformed of the National Long-Term Care Insurance (LTCI) system on the elderly people and their family caregivers.

We investigated the multifaceted impacts of the reformed of the Japanese LTCI system on the older adults and their family caregivers, based on the repeated cross-sectional surveys conducted in a municipality of Tokyo metropolis. We examined the following research issues: (1) The differences in the preference for long-term care (LTC) by age, period and cohort (A-P-C) in older adults. (2) The impacts of the increase in self-pay ratio for care services covered by LTCI on impaired older adults and their family caregivers. (3) The psychological burden of medical care at home among family caregivers of impaired older adults. (4) Factors associated with worry about utilizing medical and long-term care services. (5) Mediators and moderators of the association between living alone and psychological distress. (6) Disaster preparedness among the frail or impaired older adults.

2. A study on the political and practical strategies for recruitment, retention, and staff development of long-term care workers in urban settings.

The purpose of this study was to clarify the political and practical strategies for recruitment, retention, and staff development of long-term care workers in urban settings. The survey was conducted for the chief administrators, direct care workers and nursing staffs working in the long-term care facilities in a city in the Tokyo Metropolitan Area. The following findings were suggested: (1) There was a serious shortage of visiting care staffs (home helpers) and direct care workers working in the long-term care facilities. (2) The early turnover was the most serious problem for care workers in LTC facilities. (3) Several strategies such as “free job matching support”, “priority entrance to nursery school”, and “improvement of social evaluation for care workers” could be useful support for recruitment and retention of care workers.

3. A study on the mechanisms and the regulated factors of multi-layered social disadvantages among Japanese older adults.

Based on the data obtained from the nationwide survey and two regional surveys in

Tokyo metropolitan area, we investigated the mechanisms and the regulated factors of multi-layered social disadvantages among Japanese older adults. We explored the following research questions: (1) The influence of life-course financial strains on the later-life health of the Japanese. (2) Health, psychological, social and environmental mediators between socio-economic inequalities and participation in exercise. (3) Time perspectives as mediators of the associations between socio-economic status and health behaviors. (4) Social networks' health habits over life course and late-life health habits.

3) List of Research Activities in 2019FY

1. Peer-reviewed papers

Kobayashi, E., Sugihara, Y., Fukaya, T., & Liang, J. (2019). Volunteering among Japanese older adults: how are hours of paid work and unpaid work for family associated with volunteer participation? *Ageing & Society*, 39(11), 2420-2442. Doi: 10.1017/S0144686X18000545

Sugisawa, H., Sugihara, Y., Kobayashi, E., Fukaya, T., & Liang, J. (2019). The influence of life-course financial strains on the later-life health of the Japanese as assessed by four models based on different health indicators. *Ageing & Society*, 39(12), 2631-2652. Doi:10.1017/S0144686X18000673

Harada, K., Sugisawa, H., Sugihara, Y., Yanagisawa, Y & Shimmei, M. (2019). Perceived age discrimination and job satisfaction among older employed men in Japan. *International Journal of Aging and Human Development*, 89(3), 294-310. Doi:10.1177/0091415018811100

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shinmei, M. (2019). Health, psychological, social and environmental mediators between socio-economic inequalities and participation in exercise among elderly Japanese. *Ageing & Society*, 1-19. Doi:10.1017/S0144686X1900014X

Sugisawa, H., Sugihara, Y., & Nakatani, Y. (2019). Long-term care preference among Japanese older adults: differences by age, period and cohort. *Ageing & Society*, 1-25. Doi:10.1017/S0144686X1800171X

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shimmei, M. (2019). Time perspectives as mediators of the associations between socio-economic status and health

behaviors in older Japanese adults. *Psychology & health*, 1-17. Doi: 10.1080/08870446.2019.1686505

Sugisawa, H., Shinoda, T., Shimizu, Y., Kumagai, T., Sugisaki, H., & Sugihara, Y. (2019). Caregiving for older adults requiring hemodialysis: A comparison study. *Therapeutic Apheresis and Dialysis*. Doi:10.1111/1744-9987.13453

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shimmei, M. (2020). Social networks' health habits over life course and late-life health habits. *American Journal of Health Behavior*, 44(1), 100-117. Doi:10.5993/AJHB.44.1.11

Sugisawa, H., & Sugihara, Y. (2020). Mediators and Moderators of the Association between Living Alone and Psychological Distress among Japanese Older Adults. *Family & Community Health*, in press.

Yanagisawa, S., Sugisawa, H., Harada, K., & Sugihara, Y. (2019). Factors related to older people's participation in community organizations composed of homogenous members: focusing on characteristics of individuals and organizations. *Applied Gerontology*, 13(1), 27-36. (in Japanese).

Koike, Y., Sugisawa, H., Sugihara, Y., & Shimizu, Y. (2019). Influence of health literacy and social support on the physical activity of older adults needing support: A comparison with healthy older adults. *Journal of Gerontological Research*, 10, 43-54. (in Japanese).

2. Proceedings of oral presentations

Sugihara, Y., & Sato, K. Individual and community level factors related to anxiety about natural disaster evacuation sites in Japanese older adults: A multi-level analysis. Japan Socio-Gerontological Society 61st Annual Scientific Meeting. 2019. 6. 7-8. Sendai.

(in Japanese).

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shinmei, M. The influence of life-course financial strains on the later-life health of the Japanese: Differences by age, period and cohort. Japan Socio-Gerontological Society 61st Annual Scientific Meeting. 2019. 6. 7-8. Sendai. (in Japanese).

Sugihara, Y., & Sato, K. Individual and community level factors related to anxiety about natural disaster evacuation sites in Japanese older adults: A multi-level analysis. The 11th International Association of Gerontology and Geriatrics Asia/Oceania

Regional Congress. 2019.10.23-27. Taipei.

Sugisawa, H., Yanagisawa, S., Harada, K., Sugihara, Y., & Shimmei, M. Non-participation in exercise by elderly Japanese with lower educational attainment. The 11th International Association of Gerontology and Geriatrics Asia/Oceania Regional Congress. 2019.10.23-27. Taipei.

3. Others

3-1. Technical books

Yoko Sugihara. (2019). Life and health over life-course. Michiko Naoi (ed). Life and Welfare (pp.6-31). Tokyo: Jikkyo Syuppan. (in Japanese).

3-2. Monographs

Yoko Sugihara. (2019). Research report on the life and welfare of the older adults in Reiwa 1 (2019FY). (pp.1-380). Mitaka city. (in Japanese).

Yoko Sugihara. (2019). Productivity of the Japanese elderly from an international perspective. Aging & Health, 91, 10-13. (in Japanese).

3-4. Others

Speech :

Yoko Sugihara. The profiles and problems of older adults in Mitaka city: Evidence from the longitudinal study. The annual meeting of the long-term care insurance company liaison council in Mitaka city. 2019.9.27. (in Japanese).

Yoko Sugihara. Social welfare for the elderly people. The first-time training seminar for district welfare commissioners. 2020.1.11. (in Japanese).

4) Grants-in-Aid for Scientific Research

1. KAKENHI

[Principal investigator]

Scientific Research (B). “The impact evaluation of the reformed of the National Long-Term Care Insurance system on older adults and their family caregivers: Consideration of support system for preventing social exclusion.” 6,600,000 JPY.

[Co-investigator (kenkyu-buntansha / renkei-kenkyusya)]

Scientific Research (A). “A study on the mechanisms and the regulated factors of multi-layered social disadvantages among Japanese older adults.”

Scientific Research (A). “The probability for frailty and socioeconomic disparities in health among Japanese older adults: Evidence from the national longitudinal survey.”

Scientific Research (B). “Balance and conflicts in paid work, unpaid work at home, and community activities among Japanese older adults.”

2. Others

[Principal investigator]

Contract research (Mitaka city). “Survey on the life and welfare of the older adults.”
4,000,000 JPY.

Priority Allocation of Research Funds (for the Entire University) at the Discretion of the President (Support for social collaboration activities). “Participatory action research on the strategies for recruitment, retention, and staff development of long-term care workers in urban settings” 1,000,000 JPY.

<< **Masashi TAKAMICHI** >>

1) Staff

Masashi TAKAMICHI Assistant Professor/ Dr. Eng.

Urban History, Urban Planning, Machizukuri

Rm: 9-152, TEL: +81 426 77 1111 Ext. 4231 Email: takamichi@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. A study of regional revitalization focusing on the *Sotobori* of Edo Castle

2. A historical study on waterside space in central Tokyo.

3. Research on revitalization of public space using regional resource.

4. Practice and research on methods of town planning

3) List of Research Activities in 2019FY

2. Proceedings of oral presentations

Masashi TAKAMICHI (2018) “Research on Ishigaki, digging and topography of Tokyo” ,
Symposium-Materiality of urban space No. 1-Relationship between city and architecture,
December 2018, Tokyo, Architectural Institute of Japan [in Japanese].

Masashi TAKAMICHI (2018) ” The role of waterside space in Edo-Tokyo – The History and
culture of urban structure seen from waterside space” , Joint seminar with UOS,
October 2018, Tokyo, Akihabara satellite campus of Tokyo Metropolitan University.

3. Others

3-2. Monographs

Masashi TAKAMICHI (2018) “A report on the modernization of Tokyo considered from the
SOTOBORI” , 『Monthly TOKYO JIN issued in January』, pp. 54-61, January 2018[in Japanese].

<< Hidenori TAMAGAWA >>

1) Staff

Hidenori TAMAGAWA Professor/Dr. Eng.

Urban and Regional Analysis, Urban and Regional Planning

Rm.9-556, +81 426 77 1111 Ext. 4275 htama@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. A Fundamental Study on the Characteristics of Urban Model

Hidenori TAMAGAWA

Continuing the long-term researches, I investigated the touching points between urban
analysis and urban planning. In 2019FY, I am working on summing up the basic theories
of urban spatial analysis. And an article on the new assessment of fire spread damages

is being referred by overseas publishers.

2. A Study on the Recovery of the Damaged Area by the Earthquake Disaster

Hidenori TAMAGAWA, Shinji KAWAMURA, Yasuchi NOZAWA, Taro ICHIKO and Their Students

With the Grants-in-Aid for Scientific Research by JSPS, we have exerted the charrette work shop in Noda village in Iwate prefecture after the recovery from the large earthquake and downpour including the revitalization for the local district.

In 2019FY, we held the workshop to compare the old photos with nowadays ones and create the editable web map with the photos and comments.

3) List of Research Activities in 2019FY

3. Others

3-4. Others

Article of the newspaper

We have created the web site on Google map to discuss and comments on old and nowadays photos in Noda village, Iwate prefecture. The site is shared only among the workshop members.

4) Grants-in-Aid for Scientific Research

1. KAKENHI Grants

Scientific Research (C) [Co-investigator]. Creating the regional career education program for the recovery from multiple disasters and revitalization of local areas, 2017-2020FY

<< Aya WAKITA >>

1) Staff

Aya WAKITA Assistant Professor / Ph. D. (Sociology)

Sociology, Social Stratification, Gender Studies, Social Research Method

Rm. 2-110, +81426773133, ext. 1903, ayawakita@tmu.ac.jp

2) Overview of Research Activity in 2019FY

1. The Effects of Various Gender Factors on Occupational Prestige Scores

In order to clarify the effects of various gender factors on occupational prestige scores, I conducted an Internet quantitative social research. Focusing on the gender stereotypes about occupation held by respondents and the genders of occupants that are evaluated by respondents, I designed the occupation-evaluation research including six types of questionnaires.

2. International Comparison in Association between Education/Ascriptions and Occupational Categories

I examined the Japanese feature of the association between education/attributes and occupational categories to compare it to “Western” and Asian countries. I used the anonymous data of 1992–2007 Employment Status Survey and analyzed the effect of attributes on occupational categories especially focusing on marital status and employment status.

3. Time-Series Analysis of Gender Occupational Segregation in Japan

In order to prepare for the time-series analysis of gender segregation in Japan using national-wide data, I examined the gender composition of small occupational classification. Focusing on small categories which are male-dominated or female-dominated, especially categories in professionals or technicians, I investigated the change in the number of workers and gender composition.

3) List of Research Activities in 2019FY

2. Proceedings of Oral Presentations

Wakita, Aya, “Women’s Social Stratification and the Marriage Decline,” Tokyo Metropolitan University Research Center for Child and Adolescent Poverty, the 19th Child and Adolescent Poverty Frontier Academic Seminar, December 17, 2019.

3. Others

3-4. Others

Research Report:

Wakita, Aya, 2019, *Reproduction of Women's Social Status in Contemporary Japan: The Complex Inequality Caused by Gender and Social Stratification* (Research Report).

4) Grants-in-Aid for Scientific Research

1. KAKENHI

Principal Investigator, Grant-in-Aid for Young Scientists (B), 17K13859, "The Effects of Gender on Occupational Prestige Scores," 2017-04-01 - 2020-03-31.

Co-Investigator, Grant-in-Aid for Scientific Research (C), 18K01966, "Multidimensional Aspects in Occupational Segregation: Longitudinal Trend in Japan and Cross-cultural Comparisons," 2018-04-01 - 2021-03-31.

<< Kiyomi WADA >>

1) Staff

Kiyomi WADA Professor / Ph. D. (Sociology)

Urban Sociology, Community Study

Rm: 2-111 Tel: +81 426 77 1111 Ext: 1922 Email: wada-kiyomi@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. A study on regional revitalization in Shimonoseki city, Yamaguchi prefecture

I studied on regional revitalization of Shimonoseki city in Yamaguchi prefecture with aim to explore the way to revitalize regional cities where depopulation and aging have advanced. In this year, the final year of the research, we conducted supplementary research and writing work to publish the research results, and published a research book co-authored with collaborators.

2. Research on the community transformation of the great metropolis, Tokyo in the 2010s

In this study, statistical analysis of population, households and occupations in the 23 wards of Tokyo was carried out, focusing on the social change of the big city Tokyo in the 2010s and the accompanying changes in communities. Then, the case study of the community was conducted by taking up the Tokyo Central area and Shitamachi area. The results of the research were published in the journal of the Japanese Association for Contemporary Historical Studies.

3. Study on disaster prevention / disaster response and community

This study focused on the community's response to "disaster prevention / disaster", which is one of the policy issues in recent years, and summarized the actual situation and issues of the community's activities in each urban area. The research results were published in "Disaster Prevention and Community" published by the Japan Association of City Mayors.

3) List of Research Activities in 2019FY

3. Others

3-1 Technical books

Kiyomi WADA & Jaewon NOU, (2020), *The Urban Living World of Strait City Shimonoseki : Exchange and Collaboration, Korean Residents in Japan, Community Council Activities* , Gakubunsha Ltd, Tokyo. (in Japanese)

3-2. Monographs

Kiyomi WADA , (2019), "Community Transformation of the Great Metropolis, Tokyo in the 2010s" , *The Japanese Journal of Contemporary History, Vol112.* (in Japanese)

Kiyomi WADA, (2019), "Disaster Prevention, Disaster Response and Community in the Age of Urban Maturity" , *Disaster Prevention and Community*, Japan Association of City Mayors, Tokyo. (in Japanese)

<< Kahoruko YAMAMOTO >>

1) Staff

Kahoruko YAMAMOTO

Associate Professor/Ph.D.(Sociology)

Urban Sociology, Community Study, Migrant Study

Rm.9-154, +81 426 77 1111 Ext. 4233 Email: kahoruko@tmu.ac.jp

2) Overview of Research Activities in 2019FY

1. Urban Sociological Study on Social Structural Changes and Reconstruction of Urban Inner Area in Yokohama, Japan

The Study has been focused on social structural changes in urban inner areas, focusing on the issues below; 1) change in industrial structures with Globalization and post-industrialization, 2) town development plan engaged by public administration and NPOs, 3) activities of local supportive organizations. The academic aim is to clarify 1) how these three points affect over changes and reconstructing of local communities, and 2) how social lives of residents have changed.

2. Urban Sociological Study on Social Structural Changes and Reconstruction of Urban Inner Area in Vancouver, Canada

The study has been conducted in Downtown Eastside, the low-income neighbor in Vancouver, Canada. The research has been focusing on how gentrification impacts to a local community and their activities.

3. Research on Social Condition of the Evacuees from Fukushima

As a research group, we have conducted interviewing research to bring out the social condition of the evacuees from Fukushima, especially from Tomioka Town.

3) List of Research Activities in 2019FY

2. Proceedings of Oral Presentations

Kahoruko YAMAMOTO, ‘A Drug Abuse Issue and Supportive Activities in Urban Low-income Area in Canada’, in Yokohama Seishinka Fukushi wo Yokusuru Kai (Yokohama City). May

8th, 2019. (in Japanese)

Kahoruko YAMAMOTO, ‘Ethnic and Racial Minorities’ Resistance and Demanding rights for Urban Spaces in Urban Low-income Areas.’ In the Annual Conference of the Japan Association for Urban Sociology, Toyo University, September 5th, 2019. (in Japanese)

3. Others

3-1 Technical books

Kahoruko YAMAMOTO, 2020, ‘Social Movement over Poverty Issues’ . Hasegawa ed. *Social Movement Then and Now*. Tokyo: Yuhikaku, 253-276. (in Japanese)

3-3. Commentary/essays

Kahoruko YAMAMOTO, 2019-2020, ‘Japan and World Viewed through Eastside’ in *Bulletin/Geppo* by GVJCCA (The Greater Vancouver Japanese Canadian Citizens’ Association). (in Japanese) (Monthly)

Kahoruko YAMAMOTO, 2019-2020, ‘Introducing Cinemas about Migrants’ in *Migrants Network* by SMJ (the Solidarity Network with Migrants Japan). (in Japanese) (Bimonthly)

3-4. Others

Lectures :

Noboru KONDO and Kahoruko YAMAMOTO, 2020, ‘Introduction of Kotobuki’ in Kotobuki Waku (Yokohama City) , February 7th, 2020. (in Japanese)

Kahoruko YAMAMOTO, 2020, ‘The History and Current Issues in Kotobuki, Yokohama’ at Yokohama International School, February 17th, 2020. (in English)