

都市政策科学域

Department of Urban Science and Policy

2020FY 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

Kiyomi WADA, Professor

Kahoruko YAMAMOTO, Associate Professor

<<Shin AIBA>>

1) Staff

Shin AIBA Associate Professor/Dr. Eng.

Urban Planning, Machizukuri

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2) Overview of Research Activities in 2020FY

Study on reconstruction from disaster

Shin AIBA

I studied on reconstruction plans and projects from Showa Sanriku Tsunami and Great East Japan earthquake in coastal villages of Iwate Pref.. Results were published on academic articles.

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, Hachioji city. Results were published on some books.

Comparative study on machizukuri in east Asian countries

Shin Aiba

I researched urban regeneration policies after 2000 in Tokyo, Taipei and Seoul. Results were published on some articles and symposium.

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 2020FY

Gyosuke Yamaguchi and Shin Aiba: The construction characteristics and the location characteristics of day care facilities and visiting care offices, and the relationship between them and the location of the potential user's housing :A case study of metropolitan suburbs, Aoba, Tsuzuki and Midori district in Yokohama city, Journal of City Planning Institute of Japan 55(3),pp. 1007-1012,CPIJ,2020.11 (in Japanese)

<<Chisato Asahi>>

1) Staff

Chisato ASAHI Professor, Doctor of Urban Science

Urban and Environmental Economics, Evaluation Research, Cost-Benefit Analysis

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2) Overview of Research Activities in 2020FY

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 based on RISTEX project “Designing a Sustainable Society through Intergenerational Co-creation” (2016-2019).

2. 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 2020FY

1. Peer reviewed paper

Noriko HORIE, Kiyoko HAGIHARA, Fumiko KIMURA, and Chisato ASAHI, “The Evaluation of Educational Roles of Urban Facilities”, Studies in Regional Science, Volume 50, Issue 2, pp. 317-333, 2021.

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 50, Issue 1, pp.55-72, 2020.

2. Proceedings of oral presentations

Chisato Asahi and Yoriko Tsuchiya “Mechanism Design of Comprehensive Supply Scheme for Local Public Services: A Case Study of "Stadtwerke" in German”, Collected Papers for Presentation In the 57th Annual Meeting of the Japan Section of the RSAI, Toyo University, JAPAN December 11-13, 2020 (in Japanese)

Toshihide Matsumura and Chisato Asahi,” An Analysis of Trends and Types of Public Facility Use”, Collected Papers for Presentation In the 57th Annual Meeting of the Japan Section of the RSAI, Toyo University, JAPAN December 11-13, 2020 (in Japanese)

3. Others

3-2. Monographs

Chisato Asahi, Yoriko Tsuchiya, and Masayuki Kotani,“ Mechanism Design of Comprehensive Supply Scheme for Local Public Services for Regional Sustainability”, PRI Review, Vol.77/78, pp.110-127, Policy Research Institute for Land, Infrastructure, Transport and Tourism, 2020 (in Japanese)

3-4. Others

Media

Panel Invitations

Lectures

Awards

Media comments

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

KAKENHI (Grant-in-Aid for Scientific Research)

Others

- 1) 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”

<<Taro ICHIKO>>

1) Staff

Taro ICHIKO Professor/ Doctor of Urban Science

Urban Planning, Disaster Research, Hazard Mitigation Planning
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2) Overview of Research Activities in 2020FY

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

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

We have been continuing to visit the disaster-stricken area and interviewing survey in the 2011 Great East Japan Earthquake and Kumamoto earthquake in 2016.

2. Resiliency Studies

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

In fiscal 2020, we carried out an action-research on Azabu-6pongi district, Minato Ward, Tokyo.

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 Kamiyugi and Minami-Ohsawa district in Hachioji City. And we were also engaged in the research for disaster prevention leader training in the Machida city.

3) List of Research Activities in 2020 FY

1. Peer reviewed paper

1)Taro ICHIKO,A study of the community-based pre-disaster recovery planning on the high-density wooden housing area - From an Action Research for more 10 years in Toshima ward, Tokyo-, Journal of the City Planning Institute of Japan, Vol.55 No.3, pp.910-91, October, 2020 (in Japanese)

2)Shigeru HIRAKI and Taro ICHIKO, Arrangement of Evacuation Shelter Conditions and Issues of Public Facilities with Designated Management System from Comparison

of Evacuation Shelters in Three Areas of the Kumamoto Earthquake 2016, Journal of Social Safety Science, No.38, No6, 2021 (in Japanese)

2. Proceedings of oral presentation

Taro ICHIKO, A study of a prefecture-level preparing activity for a disaster volunteer among 2018-2020 - a case report of the 2nd action plan for Tokyo disaster volunteer center -, Proceedings of the Annual conference of the Institute of Social Safety Science, No.46, pp.69-72, 2020 (in Japanese)

3. Others

3-2. Monographs

Taro ICHIKO, Pre-disaster planning and Land Readjustment Project, Bulletin of Land Readjustment Institute in Japan, No.207, pp.14-17, 2020(in Japanese)

3-3. Commentary/essays, Book review

Taro ICHIKO, Review of Neil, Smith, Gentrification and The Revanchist City, City Planning Review, Vol.69 No.4, 348, p.92, 2020 (in Japanese)

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

4-1. KAKENHI (Grant-in-Aid for Scientific Research)

As a Principal Investigator : Grant-in-Aid for Scientific Research (C), As a Principal Investigator : A comparative study of Pre-disaster planning for post-disaster recovery between U.S.and Japan, 2017-2020.

4-2. Others

As a Principal Investigator : Development of BCP sheet in Arakawa word, Research Fund of Arakawa Industry Vitalization, Project Year: Apr 2020 - Mar 2021

<<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

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2) Overview of Research Activities in 2020FY

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 2020 FY.

- i) Statistical validation of utility of head-mounted display projection-based experimental impression evaluation for sequential streetscapes
- ii) Proposal of System for Calculating Sky View Factor Using Google Street View

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 2020 FY.

3. Condition and situation of high aged condominium in Tama city, Hachioji city and Machida city

3) List of Research Activities in 2020 FY

i) Peer-reviewed papers

Shoko NISHIO and Fumiko ITO

'Statistical validation of utility of head-mounted display projection-based experimental impression evaluation for sequential streetscapes',

"Environment and Planning B: Urban Analytics and City Science", vol. 47, 7: p1167-1183.

ii) Proceedings of Oral Presentations

(1) Yuri TAKADA and Fumiko ITO

'School bus route considering children's Commuting burden: Network analysis for the unified elementary school area'

Summaries of Technical Papers of Annual Meeting, the Architectural Institute of Japan, p1219-1220. (in Japanese)

(2) Shoko NISHIO and Fumiko ITO

'Relationship between sky factor and spatial components according to the shape of the

sky map'

The 29th academic research presentation meeting of GIS Association of Japan, Poster session. (in Japanese)

iii) Others

3-1. Technical books

Shoko NISHIO and Fumiko ITO

'Proposal of System for Calculating Sky View Factor Using Google Street View', Yasushi Asami, Yoshiro Higano and Hideo Fukui(eds.), "New Frontiers in Regional Science: Asian Perspectives: Frontiers of Real Estate Science in Japan", Springer, p313-324.

3-2. Research report

Tohru YOSHIKAWA, Fumiko ITO, Hiroyuki ONEYAMA, Kenji TAKEMIYA, Shoko NISHIO, Takayuki MIYAKE, Le Nguyen

“Multilateral Research on Accessibility of the Olympic and Paralympic venues, and, their Universal Design and Continuous Use of Venue Facilities”

Final report of Priority Allocation of Research Funds (for the Entire University) at the Discretion of the President. (in Japanese)

3-3. Award

Shoko NISHIO and Fumiko ITO

The 9th Poster Session Award from GIS Association of Japan

(Abstracts of award winners announced in "GIS-Theory and Application" Vol.28, No.2, p90)

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

4-1.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), 2017-2021FY, Co-Investigator.

4-2.Others

Joint research "Survey research on the actual conditions of aged condominiums by region and age and the direction of regeneration" (Research representative: Masumi Matsumoto), 2019-2021 FY, Co-Investigator.

<<Nozomi MATSUI>>

1) Staff

Nozomi MATSUI Professor / M.A. Law

Public Administration

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2) Overview of Research Activities in FY 2020

1. A study of Technical staff 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 FY 2020

3-4. Commentary/essays

- Nozomi MATSUI, “Wide-area cooperation” policy for securing and training technical and professional positions-from discussion to practice” , THE TOSHI MONDAI (Municipal Problems) , Vol.111, No.12, 2020, pp.57-71. [in Japanese].
- Nozomi MATSUI, “After dispatch trend”, Great East Japan Earthquake and support staff, 2021. [in Japanese].
- Nozomi MATSUI, “Trends of support staff as seen from interview surveys, 2021. [in Japanese]., 2021. [in Japanese].

4) Grants-in-Aid for Scientific Research

4-1. KAKENHI (Grant-in-Aid for Scientific Research)

Co-Investigator

- Scientific Research (C), “Intergovernmental support for staff after the Great East Japan Earthquake” 2017-2021.
- Scientific Research (C), “Coordination system between Tokyo Metropolitan Government and 23 cities in the metropolitan area” 2017-2021.
- Scientific Research (B), “Cooperation and Collaboration among Multiple Administrative Entities Based on Comparative Case Analysis” 2019-2021.
- 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”, 2019-2021.

• Scientific Research (B), “Factors Promoting and Inhibiting the Appointment of Women in the Public Sector”, 2020-2023.

4-2.Others

• Nomura Foundation “Personnel management for female local officials” 2017-2022.
(Co-Investigator)

<<Motoki Nagano>>

1) Staff

Motoki Nagano Associate Professor / M.A. Political Science
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2) Overview of Research Activities in FY 2020

This year, I continued my ongoing research on urban governance, with a focus on three topics.

Topic 1: Municipal governance reform

I investigated the dynamics of planning and review processes at the municipal executive branch level by observing and participating as an advisory committee member for several municipalities as well as conducting interviews.

In addition, I conducted postal questionnaire surveys of all municipalities in Kanagawa Prefecture to investigate recent trends in municipal assembly reform as well as their responses to the COVID-19 pandemic.

Topic 2: Intergovernmental relationships

I examined the dynamics of negotiation and consultation mechanisms between the Tokyo Metropolitan Government and individual ward offices by using an oral history approach.

Topic 3: International comparative studies

I researched the urban planning policies and decision-making processes of the Seoul

Metropolitan Government, with the kind assistance of the Seoul Institute, a public research institution established by the Seoul Metropolitan Government. I used the findings of my research to perform a comparison with the corresponding policies and processes of the Tokyo Metropolitan Government.

3) List of Research Activities in FY 2020

2. Proceedings of oral presentations

Motoki Nagano “Brief on the Municipal Assembly Reformation Survey in Kanagawa Prefecture 2020,” *the Debriefing Session on the Municipal Assembly Reformation Survey in Kanagawa Prefecture 2020*, (November 20, 2020, Kanagawa Regional Labor Culture Center). Organizer: The Institute for Public Policy in Kanagawa Prefecture [in Japanese]

Motoki Nagano, “Decentralization and Urban Planning in Districts of Seoul and Tokyo Metropolis,” Proceedings of the International Symposium “*Urban Regeneration in Seoul and Tokyo: Present, Past, and Future*,” March 16, 2021 (online). Organizer: The Seoul Institute (Korea) and The Study Group on Neo-Liberalistic City Planning in East-Asian Mega Cities (Japan). [in Japanese]

Motoki Nagano, “A Concise History of Citizen Sortition-Based Engagement in Japanese Municipalities,” Democracy R&D Annual Meeting, Session 4. From Projects to Permanence: What to Change to? (1), March 9, 2021(online).

3-2. Research reports/papers

Tepei Noguchi and Motoki Nagano “A prompt report on the crisis response by municipal assemblies in Kanagawa Prefecture under the spread of COVID-19”, *Monthly report of the Institute for Public Policy in Kanagawa Prefecture*, October 2020 issue, pp. 10-20, October 2020 [in Japanese].

Motoki Nagano, Hiroshi Inagaki, Nozomi Matsui, and Masatoshi Minowa, *The Oral History Report of Hideshi Tanaka (ex-vice mayor of Minato Ward, Tokyo Metropolis)*, supported by Grants-in-Aid for Scientific Research (KAKENHI) No. 17K03547, “Negotiation and Consultation Mechanisms Between the Tokyo Metropolitan Government and Ward Governments After Decentralizing Reforms in Fiscal Year 2000”, March 2021.

3-3. Monographs

Motoki Nagano, “Municipal Assemblies’ Reformation and Their Challenges Under the Coronavirus Crisis in Kanagawa Prefecture”, *Monthly report of the Institute for Public Policy in Kanagawa Prefecture*, December 2020 issue, pp. 1-11, December 2020 [in Japanese].

Motoki Nagano, “Citizen Deliberation Meeting (Shimin Togikai): Current Status and Their Features” *Local Society Studies*, Beppu University Local Society Research Center, no.32, pp. 18-22 [in Japanese].

3-4. Commentary/essays

Motoki Nagano, “Making Assembly Bulletins to Raise Citizen Participation,” *Local Autonomy Daily* (Jichinippo), April 17, 2020 [in Japanese].

Motoki Nagano, “Coronavirus crisis and local assembly reform,” *Local Autonomy Daily* (Jichinippo), February 5, 2019 [in Japanese].

3-6. Panel invitations

Motoki Nagano,” Chair and Commentator: Session C5. Assembly and Political Executives of Local Governments” at the Annual Conference of Japanese Political Science Association 2020, September 27, 2020 (online).

Motoki Nagano, ” Commentator: Session X. Past and Future of Community Policies in Japan” at the Annual Convention of Public Policy Studies Association Japan 2020, June 7, 2020 (online).

4. Grants-in-Aid for Scientific Research

(KAKENHI)

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 2017-2021. 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 2018-2021.

8.Grants from Grants Foundation

Motoki Nagano, Application Representative: International Symposium “Urban Regeneration in Seoul and Tokyo: Present, Past, and Future” [Organizer: The Seoul Institute (Korea) and The Study Group on Neo-Liberalistic City Planning in East-Asian Mega Cities (Japan), March 16, 2021], Grant for holding academic conference FY2020, The Korea Foundation, Tokyo Office. 220,000 JPY.

<<Mami OKU>>

1) Staff

Mami Oku Professor, MA (Law)

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2) Overview of Research Activities in 2020FY

1. Recent development of climate change law and 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.

2. Recent development of climate change policy in EU

EU has been actively introduced EU-ETS Directive and other legislations concerning climate change. This continued 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.

3. 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, carbon neutral toward 2050, 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 2020FY

2. Proceeding of Oral presentations

Gave a speech titled “How to realise carbon neutral in 2050? Our lifestyle and energy after COVID-19,” by online on 11 February 2021 to Chofu citizens.

3. Others

3-1. Technical books

Mami Oku, Recent trend of climate change law and policy in UK, Vol. 12, Review of Environmental Law.

3-3. Commentaries

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. Lectures

Gave a lecture to staff of Environmental Protection Division of Urayasu City on carbon offset, 21 August 2020.

<<Ken SHIRAISHI>>

1) Staff

Ken SHIRAISHI Professor / Ph.D. of Law

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2) Overview of Research Activities in FY 2020

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 FY 2020

3-2. Monographs

SHIRAISHI, K., MURATA, M. and SHIRAISHI, S. (2020) Analysis of factors behind

corporate scandals using word network—Analysis by third party committee report, Journal of Urban Science and Policy, Vol,2,No,1,pp1-9,Tokyo Metropolitan University (in Japanese)

4) Grants-in-Aid for Scientific Research (KAKENHI)

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

<<Yoko SUGIHARA>>

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2) Overview of Research Activities in 2020FY

1. The impact evaluation of the reformed of the National Long-Term Care Insurance (LTCI) system on the older adults 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 2020FY

1. Refereed papers

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.

Sugisawa, H., Sugihara, Y., & Nakatani, Y. (2020). Long-term care preference among Japanese older adults: differences by age, period and cohort. *Ageing & Society*, 40(6), 1309-1333.

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shinmei, M. (2020). Health, psychological, social and environmental mediators between socio-economic inequalities and participation in exercise among elderly Japanese. *Ageing & Society*, 40(7), 1594-1612.

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shimmei, M. (2020). Time perspectives as mediators of the associations between socio-economic status and health behaviours in older Japanese adults. *Psychology & Health*, 35(8), 1000-1016.

Sugisawa, H., & Sugihara, Y. (2020). Mediators and moderators of the influences of living alone on psychological distress among Japanese older adults. *Family & Community Health*, 43(4), 313-322.

Sugisawa, H., Shinoda, T., Shimizu, Y., Kumagai, T., Sugisaki, H., & Sugihara, Y. (2020). Caregiving for Older Adults Requiring Hemodialysis: A Comparison Study. *Therapeutic Apheresis and Dialysis*, 24(4), 423-430.

Hou, C., & Sugihara, Y. (2020). Factors associated with worry about utilizing medical and long-term care services among older adults in an urban community in Japan: Focusing on the older adults living alone. *Japanese Journal of Applied Gerontology*, 14(1), 13-22. (in Japanese).

2. Oral / Poster Presentations

Sugihara, Y. Disaster preparedness and support needs among the older adults with disability. Japan Socio-Gerontological Society 62nd Annual Scientific Meeting. 2020.6. p.145 (in Japanese).

Yanagisawa, S., Sugisawa, H., Harada, K., Sugihara, Y., & Shinmei, M. The differences in oral health by Socio-economic status among Japanese older adults.: Focusing on socio-psychological factors. Japan Socio-Gerontological Society 62nd Annual Scientific Meeting. 2020.6. p.141 (in Japanese).

Harada, K., Sugisawa, H., Sugihara, Y., Yanagisawa, S., & Shinmei, M. How social networks and personality traits impact mental health in Japanese seniors: A multiple mediation analysis. Japan Socio-Gerontological Society 62nd Annual Scientific Meeting. 2020.6. p.142 (in Japanese).

Sugisawa, H., Harada, K., Sugihara, Y., Yanagisawa, S., & Shinmei, M. The mechanism on the influence of life-course financial strains on the later-life health of the Japanese. Japan Socio-Gerontological Society 62nd Annual Scientific Meeting. 2020.6. p.152 (in Japanese).

3. Others

3-1. Technical books

Yoko Sugihara. (2021). Social participation and productive aging. *Gerontology Program*,

Obirin University (ed). Textbook of Gerontology. in press. (in Japanese).

Yoko Sugihara. (2021). Family caregiving. Gerontology Program, Obirin University (ed). Textbook of Gerontology. in press. (in Japanese).

Yoko Sugihara. (2021). Life and health over life-course. Michiko Naoi (ed). Life and Welfare (pp.6-31). Tokyo: Jikkyo Syuppan. (in Japanese).

3-3. Monographs

Yoko Sugihara. (2020). Productive aging. Library for Health, Hoken Dojin-sya. (in Japanese).

3-4. Others (Speech)

Yoko Sugihara. Social welfare for the elderly people. The first-time training seminar for district welfare commissioners. 2020.8 and 2021.1. (in Japanese).

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

4-1. KAKENHI Grants (Grants-in-Aid for Scientific Research)

Scientific Research (B). [Principal investigator]. “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.”

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

Scientific Research (A). [Co-investigator]. “Dynamics of family, work, community, economics, and health among the older adults in Japan.”

4-2. Others

Yubi zaidan Research Funds. [Co-investigator]. “Social capital and advanced care planning for the frail elderly in rural areas.”

<<Masashi TAKAMICHI>>

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Masashi TAKAMICHI Assistant Professor/ Dr. Eng.

Urban History, Urban Planning, Machizukuri

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2) Overview of Research Activities in FY 2020

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 central Tokyo using regional resource.
4. Practice and research on methods of *Machizukuri*
5. A study on the generation process of a *Tensui Ido* (a well that accumulates rainwater) in Izu Oshima, Tokyo

3) List of Research Activities in FY 2020

3-3. Research Reports / Papers

Masashi TAKAMICHI(2021) “Interacting with the local community in times of change and mastering the outer moat, which is a public space”, 『Annual report 2020: Laboratory of Regional Design with Ecology, Hosei University』 pp.10-11, March 2021[in Japanese].

Masashi TAKAMICHI(2021) "Modernization of the Outer Moat of Edo Castle", "Analyzing urban areas around the outer moat with topography", "The riverbank of the outer moat that supported the modernization of Tokyo", 『Edo Castle Course at Shinjuku History Museum (3 lectures)』 Shinjuku History Museum Hall, February 2021

<<Hidenori TAMAGAWA>>

1) Staff

Hidenori TAMAGAWA Professor/Dr. Eng.

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2) Overview of Research Activities in 2020FY

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 2020FY, I have issued a web site describing break-down explanation about the basic theories of the urban analysis.

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 2020FY, when on-site visiting was impossible, we held the on-line workshops together with residents in the village.

3) **List of Research Activities in 2020FY**

3. Others

3-4. Others

- The web site about the research 1 is below;

[breakdown.pdf \(tmu.ac.jp\)](#)

- We have created the web site on Google map to discuss and comments on old and nowadays photos in Noda village of research 2,. The site is shared only among the workshop members. The award named “New Tohoku Revitalization” are given to us by National Reconstruction Agency.

4) **Grants-in-Aid for Scientific Research**

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 + one-year extension.

<<Kiyomi WADA>>

1) **Staff**

Kiyomi WADA Professor / Ph. D. (Sociology)

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2) **Overview of Research Activities in 2020FY**

1.Study on the theory, organization, and policy of Contemporary communities

This research includes theoretical research on Contemporary communities (concept and organization theory), empirical research on community formation and community development, and international comparison of community policy between Japan and Taiwan. The results of this research will be published as "Social Design of Contemporary Communities—The New Thought of" Community Formation /

Community Development "" (Gakubunsha Ltd).

2. Study on social stratification and restructuring of local communities

This research was funded by Grant-in-Aid for Scientific Research and is based on the theme of Social Stratification and restructuring local communities. Since this year is the first year, I mainly examined previous research on the Subjects and methods. The results of this research are summarized in " Empirical Investigation into Social stratification and Changing local communities: Examining the Subjects and Methods" (The Journal of Social Sciences and Humanities, No.517-1)).

3. Study on the development of Japanese community policy

This is a study on community policies in Japan since the 1970s. The contents are the characteristics and development of community policies in the 1970s, when community policies first appeared in Japan, and the characteristics and subsequent developments of new policies that will appear in the mid-2020s. The results are summarized in "Transition of Community Policy" ("Urban Science Encyclopedia" umpushaPublishing, 2021).

3) List of Research Activities in 2020FY

3.Others

3-1 Technical book

Kiyomi Wada, scheduled to be published in May 2021, "Social Design of Contemporary Communities: The New Thought of" Community Formation / Community Development " Gakubunsha Ltd, Tokyo. (in Japanese)

3-2 Monographs

Kiyomi Wada, Shigemi Otsuki, Aya Wakita, March 2021, " Empirical Investigation into Social Stratification and Changing Local Communities : Examining the Subjects and Methods", The Journal of Social Sciences and Humanities, No.517-1 . (in Japanese)

3-3. Commentary/essays

- Writing encyclopedia items

Kiyomi Wada, February 2021, "Transition of Community Measures", Yokohama National University, Faculty of Urban Sciences ed, "Urban Science Encyclopedia", Shumpusha Publishing , kanagawa. (in Japanese)

- Book review

Kiyomi Wada, May 2021, "Book Review, Takehiro Okura," Engaged Space # Conditions for Pet-Friendly Communities", Annual of Regional Community Studies, No. 33
(in Japanese)

3-4. Others

Kiyomi Wada ed., February 2021, "Regional Revitalization and Community Development ", Faculty of Urban Liberal Arts, Tokyo Metropolitan University (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)," Social Stratification and Restructuring of Local Communities: Tokyo Community Survey by Quantitative and Qualitative Approach" 2020-2022FY

<<Kahoruko YAMAMOTO>>

1) Staff

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2) Overview of Research Activities

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

2. Proceedings of Oral Presentations

Kahoruko YAMAMOTO,

3.Others

3-1. Specialized book

Kahoruko YAMAMOTO, 'Social Changes in Kotobuki as a Welfare Dependent Community' in Marr & DeVerteuil eds. *Refuge Neighborhoods: Service Hubs and Fighting Homelessness in Globalizing Cities in the US and Japan.* (forthcoming)

Kahoruko YAMAMOTO, 'The impact of increasing welfare needs on the social structure of urban underclass communities: A case of Kotobuki, Yokohama', Mizuuchi ed. *The Coping City: Between Gentrification and Collective Initiatives.* Springer. (forthcoming)

3-4.

Others (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)