Staff 2011

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2）Overview of Research Activities in 2011FY

Hidenori TAMAGAWA

A Fundamental Study on the Characteristics of Urban Model
Hidenori TAMAGAWA
The new implications of the gravity type model have been investigated. The overall effect by the reducing of distance-resistance parameter and the serious effect of location of facilities are theorized and simulated in two dimensional plane to make up a presentation in the international conference.

Studies on the Relation between Urban Space and Urban Activities
Hidenori TAMAGAWA, Lei Wang and Takumi Kasuya
The relation between freight energy and city distribution is investigated in China as joint study with a graduate student to make presentation in the international conference and a refereed paper.
And the relation between purse snatch and urban space is conducted by the occurring time in the Tokyo 23 wards.

A Study on Urban Theory
Yoji MIYAZAKI and Hidenori TAMAGAWA
A comprehensive review is conducted about the urban theory of Jane Jacobs. Studying her works of urban planning, urban economy, human ethic and culture, the nature and future of the city is considered.

3）List of Research Activities in 2011FY

Hidenori TAMAGAWA

1. Refereed Papers

me 15, Issue 1, 2011.4, pp.47-59.


2. Proceedings of Oral Presentations


3. Others
3-1. Technical books


3-4. Works/Others

Hidenori TAMAGAWA, Fumiko Ito, Taro ICHIKO, Tanji HOSHI, Kenji TAKEMIYA, Shin AIBA, Kahoruku YAMAMOTO and Motoki NAGANO, “Interdisciplinary scientific research to realize safety, security, and sustainability in urban areas”, Oral presentation for *ISSUE at TMU*, 2011.11.

Taro ICHIKO, Shinji KAWAMURA and Hidenori TAMAGAWA, “Case study of preliminary actions for recovery planning in Noda village from the Tsunami”, Poster presentation for *ISSUE at TMU*, 2011.11.

１）スタッフ紹介
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２）研究概要

**Environment of residential area**
The condition of the city, the evaluation of environment and the relationship between those are analyzed to get suggestion to create comfortable residential environment.
This year, we analyzed the result of the questionnaire survey carried out on residents of Hachiouji-city and Obuse-town. We clarified the relationship between residents’ view of health and the condition of the environment of their living area. The survey of children’s play zone and the analysis of the distribution of Graffiti are also Conducted.

**Information of urban structure and Real Estate**
The supporting system for choosing visiting area based on individual preferences is verified using the result of the experiment held last year in Echigo · Tsumari Art Triennial. The tendency of the preference of visitors and the characteristics of the micro area of Triennial are clarified.

**Analysis of Public Projects**
Several public projects were analyzed by cost-benefit analysis.
1: Conjoint analysis of facility of the road side station “Michi-no-eki”.
2: Hedonic price analysis on the value of preservation of four-side enclosed courtyards (historical house in Beijing).
1) 研究概要

【鷹庭 伸】

Study on reconstruction from disaster
Shin AIBA

I study on reconstruction plans and projects from Great East Japan earthquake. I support to plan reconstruction projects and actions in Ofunato city. Results are published on academic magazines.

Urbanism on population decreasing age
Shin Aiba

I discuss and examine a theory of urban planning and design. Results are published on discussion papers of symposium by CPIJ(city planning institute of Japan) and AIJ (architectural institute of Japan).

City planning with existing architectural stocks
Shin Aiba

I develop city planning methods to utilize or demolish increasing abandoned houses in a city area. I practiced a rehabilitation project of abandoned house in suburban area of Tokyo, and planning project of a master plan of utilizing and demolishing abandoned houses in local city.

Comparative study on machizukuri in east Asian countries
Shin Aiba

I compare policy, history and practice of machizukuri in Japan, Taiwan and Korea. I prepare a book to publish the results.

Technologies to support machzukuri
Shin AIBA

I develop a technologies to support discussion and consensus building by citizens. I develop a system to support discussions of townscapes by citizens using smart phone devises.
1. 審査論文

2. 口頭発表

3. その他
3-1. 専門書

3-2. 研究報告

3-3. 解説・評論・一般論文
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2) Overview of Research Activities
(1) A study of run-away actions from the Tohoku region Pacific Tunami disaster
A run away action had made a significant role after the Tohoku region Pacific Tunami disaster. However cabinet office government of Japan surveyed those actions, it was not enough to inquiry reaction of designated person e.g. case workers and community leaders.
In this study, interview surveys were dedicated in Noda-village, Yamada-town and Ishinomaki-city.

(2) A study of a pre-disaster planning for post-disaster recovery
The building loss of the Tokyo capital earthquake directly above the focus was estimated five times bigger than the Hanshin-Awaji earthquake according to cabinet office government of Japan. It is inevitable to make and do mitigation strategy for not only directly loss like death and injured but also indirectly loss like housing damage. In this study, I supposed to make planning technology for disaster-proof community development.
In fiscal year 2011, firstly community workshops for post-disaster recovery in Bessyo district, Hachiouji-city were planned and managed especially focused on some community-help until life activities restored. Secondary an action research on the 13th municipal staff training by TMG was done.

(3) Development of learning programs for high school students to encourage disaster imagination and reaction capacity
After the Tohoku region Pacific Tunami disaster, there were a lot of students in Tokyo who could not go back to home until next day because of railways and bus service were stopped. It is necessary to prepare those immediate actions on a high school among a local government, a school office, a community and each family unit.
In this project, it is aimed that high school students could make adequate actions after a big earthquake disaster.
In this fiscal year, interviews to an administration of education and the leading workshops in Tanashi industrial high school were put into practice.

3) List of Research Activities
1. Refereed Papers

Taro ICHIKO, Jin Yoshikawai and Itsuki Nakabayashi (2011) Pre-disaster planning for post-disaster recovery in Tokyo - Case study in Nerima Wards -, 11th International Congress of Asian Planning Schools Association, E-6-1
1) Staff

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2) Overview of Research Activities in 2011

Architectural Planning of Medical Emergency Center
Kenji TAKEMIYA
This study aims at making clear the characteristics and architectural planning of medical emergency center. This year we had two research projects.
1) To show the current conditions and issues of the medical emergency centers in Japan, questionnaire survey of the 233 medical emergency centers were curried out.
2) To show the requirement of the facilities in medical emergency center, interview survey were curried out in some medical emergency centers.

Study on Support System and Care Environment for the Patients with Mental Disease
Kenji TAKEMIYA
This study aims at re-arrangement of the mental hospital and support facilities in Japan form users point of view. Analyzing the utilization of the space and patients’ behavior in the acute ward, we got new findings for ward planning.

Studies on the facility planning that corresponds to the progress of cancer care
Kenji TAKEMIYA
This study is intended to show the planning requirements of the support environment for cancer patients and their families. We conducted the field survey in the cancer salons and cancer counseling and support centers in Shimane Prefecture and analyzed by the following three aspects.
1. To clarify the position of the cancer salons in the cancer policy in Shimane Prefecture
2. To clarify the management, the spatial configuration and the actual usage of the cancer salons
3. To clarify the management, the spatial configuration and the actual usage of cancer counseling and support centers
3) List of Research Activities in 2010

Proceedings of Oral Presentations

Yongil JEON, Kenji TAKEMIYA
Facility Planning for Cancer Counseling and Support Centers: A Case study of Cancer Salons in Shimane Prefecture

Kenji TAKEMIYA, Kenichi KOBAYASHI

Yongil JEON, Kenji TAKEMIYA
Cancer medicine and the facility planning in Japan
University of Seoul • Tokyo Metropolitan University Joint Seminar 2011, SEOUL (in Korean)

Yongil JEON, Kenji TAKEMIYA
Basic study on the Facility planning of Cancer Counseling and Support Centers

Mayuko IMaizumi, Kenji TAKEMIYA
Analysis on childcare environment in the day-care center for sick children

Noriyuki UEAKASAKA, Kenji TAKEMIYA
Study on architectural planning of the respite care facilities for children with severe
motor and intellectual disabilities

Yongil JEON, Kenji TAKEMIYA
Facilities Improvement Status of Cancer Counseling and Support Center and Analysis of Advanced Cases
Study on the planning of health care facilities for developed treatment for patients with cancer (4)

SHIMAZU Erena, KOBAYASHI Kenichi, TAKEMIYA Kenji
Study on Configuration of Examination and Treatment Rooms in Emergency Medical Centers in Japan
Research on Treatment Environment in Emergency Medical Center Part 4

Motohiro YASUI, Kenji TAKEMIYA
Study on spatial configuration and utilization characteristics of the Lobby in Community Center
A case study in Musashino City

Hiroki AKUTSU, Kenji TAKEMIYA
A study of Secular change in the Living aspect and Life-style of Rental housing only for the independent elderly people in daily life

Kei YOKOMORI, Kenji TAKEMIYA
A study on the movement of childcare residential buildings
Comparative study on recognition system by local government and private enterprise

Ayumi MINENO, Kenji TAKEMIYA
Characteristics of promenading of the people with visual impairment in Hino, Tokyo
2. Overview of Research Activities

Urban Sociological Study on Social Structural Changes and Reconstruction of Urban Inner Area

The Study has been focused on social structural changes in urban inner areas, taking a case of Kotobuki, Yokohama and focusing on the issues below: 1) change in industrial structures, 2) Globalization and increasing numbers of foreign residents and migrant workers, 3) town development plan engaged by public administration and NPOs. 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.

Research on Social Changes of Ex-Mining Town

The research has been conducted in Ube City and Mine-City of Yamaguchi Prefecture, focusing on social structural changes after the mine closing.

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 evacuees from Fukushima, especially from Tomioka Town.

3. List of Research Activities

3-2. Proceedings of Oral Presentations

Yamamoto, Kahoroku

“’Creative City’ Plan and Social Changes of the Inner Area in Yokohama”
Japan Association for Urban Sociology, the 29th Annual Meeting, Sept. 2011.

3. Others

Yamamoto, Kahoroku

“The disparity between wealth and poverty and communal society”
Japan Association of Regional and Community Society eds. Keywords Communal Society, pp.316-31, Harvest-Sha, May 2011.
Yamamoto, Kahoruko

“The Changes of Social Activism over the Migrant Workers”

Masashi SOGABE Lab. (Kanagawa University), Yasuaki ONODA Lab. (Tohoku University), Nobuharu SUZUKI (Yokohama City University), Kahoruko YAMAMOTO (Tokyo Metropolitan University)

“Learning from Kotobuki”
*Tokyo 2050 // 12 Visions for the Metropolis*, 24 September –2 October, 2011, Marubiru Hall

Yamamoto, Kahoruko

“The Social inclusion and exclusion in the Urban Underclass Area: Kotobuki, Yokohama as a Area of Welfare Dependency”

Kahoruko Yamamoto, Shin Aiba, Yoshiki Wakabayashi, Masumi Matsumoto, Hiroyuki Tsubomoto, Kozo Kadowaki

“Report on Survey of Community Life in A Suburban City: Community Situation and People Consciousness in Tachikawa, Tokyo ”
Annual Research Report (Motoki NAGANO)

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2. Overview of Research Activities in 2011FY

Study on policy making in local governments and citizen participation in local assemblies
In this investigation of policy making dynamics in Japanese local governments, I have focused on citizen participation in local assemblies. In 2011FY, I analyzed the relationship between citizen participation in the assemblies and policy development/policy initiatives introduced by the assemblies through the politimetric method, using national survey data on local assembly reformation. (I was a member of the research group that led this national survey; a citizen advocacy group, the Local Assembly Reformation Forum, conducted it.) My research found that reform-enhancing structures differed between legislation enacted by the assemblies themselves and policy changes made in response to executive initiatives.

Study on relevancy of random sampling-type citizen participation methods for disputed policy issues in municipal governments
I investigated the relevancy and ways of using citizen participation methods, in which participants are selected randomly from the basic resident register (recently called “Mini-publics”), in the handling of disputed policy issues in municipal governments. To accomplish action research, this year I joined the management team for the “Public Discussion Meeting for the Second Shinjuku City Implementation Plan” of Shinjuku ward, Tokyo. Its participants were all residents of the ward who were randomly selected. I also conducted survey research in all the municipalities of Saitama prefecture on how they implement program reviews, especially how “Mini-publics” citizen participation methods are being used in the reviews. The research report will be published in Japanese in the monthly journal JICHIKEN in May 2012.

3. List of Research Activities in 2011FY
1. Refereed Papers

2. Proceedings of Oral Presentations

3. Others
3-1 Technical Books

3-2. Research Reports/Papers


3-3. Monographs
Motoki NAGANO, Local manifestos and fundamental plans of local governments; candidate selection and policy management based on municipal comprehensive plans, Journal of Training for Local Government Staff, 44(5), pp.35-37, April 2011 (in Japanese)