

Topic A . Architectural Planning and Design

A-1-6

Relationship of Urban Planning, Car and Architectural Form in Shintoshin, Naha

Yuki Morimoto and Toru Irie

A-2-2

A study on Characteristic of Bungalow in Indian Tea Garden

Mamiko Miyahara and Ayano Toki

A-3-6

Interdisciplinary Design Approach through Maya

Claudia van Velthooven and Marc Aurel Schnabel

A-4-4

Integrating CFD and AR for Indoor Thermal Environmental Design Feedback

Kazuki Yokoi, Tomohiro Fukuda, Nobuyoshi Yabuki and Ali Motamedi

A-5-7

The Role of NGOs in Post-Disaster Housing Provision for a People Centered Recovery

Elizabeth Maly and Kanako Iuchi

A-6-5

A Study on the Expressive Characteristics of Newly Materialized Plastic - Focusing on the relationship between product characteristic and surface expression -

Sung Wook Kim, You Chang Jeon and Eun-Soo Kim

A-7-3

The Adaptability of Long Life Housing in Japan- Case Studies of Century Housing System (CHS) -

Kazunobu Minami

A-8-7

The Life Support by Elderly Welfare Policy and Dwelling Environment in Rural Village - As a Case Study of Touge Village in Monzen-cho, Wajima City -

Ran Zhang, Marika Miyazaki, Hidefumi Yamaguchi and Juichi Yamazaki

A-9-3

A Study on the Interaction between Hope Primary School and Local Communities in Rural Area of China

Yi Fan and Kenichi Tanoue

A-10-5

Urban Design Education in Japan: Current Issues and Future Prospects

Hiroyuki Sasaki

A-11-7

Analysis on the Planning and Design of Unisex Restrooms

Chih-yuan Chang

A-12-1

Planning and verification of a renewal project of children's home with downsizing care unit

Aya Ishigaki, Kiwako Kamo, Masashi Sogabe, Masayoshi Takeuchi, Manuel Tardits, Naoya Ikeda and Yoshinobu Hirano

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Form-Finding through Evidence-Finding: Taking the course design "Future Settlement Pattern" as an example

Tianyu Zheng and Gang Yu

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Elderly House Environmental Fall Risk Factors in Yogyakarta

Stefani Natalia Sabatini, Hanson E. Kusuma and Lily Tambunan

A-15-1

A Study on the State of Implementation of Notices in Group Homes for the Elderly with Dementia

Yusuke Mizuno, Shuko Ito, Satoru Yamazaki and Hideaki Katsumata

A-16-3

Research of the Evaluation Model of Urban External Space from the Perspective of Internet- A Case Study of the Southern Regions of the Yangtze River

Fang Zhang and Xi Zhou

A-17-4

Factors Influencing Social Interaction Quantity in Students' Rental Housing

Bunga Sakina and Hanson Endra Kusuma

***Topic B . Architectural history and theory/
Architectural preservation and regeneration***

B-1-4

Research on the Disaster Coping Capacity of Dali Village, Southwest China
Fei Du and Kenji Okazaki

B-2-5

A Study on revetment Design of Canals and Gardens in Suzhou, China
Akihiko Ono

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Form and Embodiment of Space; “Lobo” Ngata Toro
Wasilah Sahabuddin and Fuad Zubaidi

B-4-2

The Landscape Design of Imperial Palace and Emperor Mausoleum in Hue, Vietnam
Chie Rokutanda

B-5-5

Significance of Sub-marginality of Asiatic Ancient Civilizations Underlying Cultural Heritage in Angkor, Cambodia, Sri Lanka, Hue, Vietnam and Japan
Takeshi Nakagawa

B-6-7

Living Heritage via the 'ecomuseum ideal' versus lifeless heritage via the 'Mosquito Hall' approach? The cases of heritage management and sustainable development in a Chinese peri-rural village
Jie Han, Gerard Corsane, Shaosen Wang, Liangliang Wang, Suyu Li and Yumin Cai

B-7-3

The Technological View of Tendenza Theoretical Contribution to Architecture of Carlo Aymonino and Aldo Rossi
Yuji Katagiri

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On a Method of Spatial Composition of Esters House

Masahiro Takasago

B-9-3

Transition of the Wood Painting and the Color on De Forest Hall as a History of Modern Architecture

Noriko Koresawa, Yoshiko Shimadzu, Shigeru Kubodera, Shunichi Nomura and Hiroshi Adachi

B-10-5

A Comparative Study of Five-foot-way and Qilou in Guangzhou, Hong Kong and Singapore

Yu Chen

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16th Century Images of Japanese Architecture and Urban Space: Analysis of the letters from the Jesuit school of Alcala de Henares, Madrid

Adriana P. Higashino

B-12-7

A Study on the Red Blinds(朱簾) of the Palace Playacting Stage in the Late Joseon Era

Jin-Young Seok and Dong-Soo Han

B-13-6

Analysis of Traditional Villages' Space amid Tourism Development and Study on Commercial Layout Optimizing Strategies Take the World Cultural Heritage Anhui Hongcun for Example

Xia Sun, Zao Li, Min Gao and Daren Wang

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A Study on the architecture of cattle barns of Iriki fumoto village in Kagoshima

Susumu Mizuta and Mitsuyoshi Tsuchida

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Preserving the Traditional Knowledge Systems and Craftsmanship to Preserve the Heritages: Lessons from the Japanese Conservation of Buddhist Temples and Shinto Shrines for the Ethiopian Orthodox Church Architecture Conservation

Ephrem Telele Woldegiorgis, Takeo Ozawa and Satoru Kaku

B-16-2

A Compromise Approach to the Historic Quarter Conversation Planning: A Case Study of Hangzhou Qiaoxi Quarter

Fu Lan

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Duality in Drawing – Potential of discursive drawing responding to complex city –

Katsushi Goto and Vishwa Shroff

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The Roles of Foreign Experts in the Cambodian Modern Movement of 1950-60s: Focusing on the works of Vann Molyvann

Masaaki Iwamoto

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Chinese Participation in The Development of British Concession in Tianjin, China

Yichen Liu and Masaki Fujikawa

B-20-4

Evolvement of Architectural Types in China's Rural Area: Case Study on Xiamei Village in Fujian Province

Siqi Li and Ying Zou

B-21-7

Wall Development according to the Floor Level Rising to Ground in Korean Ancient Dwelling Sites: Focus on Baekje Hexagon-Planned Pit Dwelling and Pillar-Wall Structure

Sung-Ho Lee and Dong-Soo Han

Topic C . Sustainable Environment Design & Technology

C-1-1

A study on various characteristics of New Hanok - Focus on thermal performance and roof tile color -

Chang Rae Lee, Hee Gang Kim, Myoung Souk Yeo and Kwang Woo Kim

C-2-8

The techno-economic viability of facade integrated solar thermal systems

Kiin Choi

C-3-5

Evaluation of Energy-saving & Water-saving Benefits and Calculation of Carbon Emission of Prefabricated Building at Construction Stage —Take a Prefabricated Housing Community in Beijing for Example

Yanyan Gao, Decai Wang, Zhi Zheng, Weimin Yao and Zao Li

C-4-5

A Scale Model Test in Accordance with Color of the Surface Finishing of PCM Cool Roof Systems

In Sung Kang, Young Kwon Yang and Jin Chul Park

C-5-4

Use of 3D Archives of Houses and Settlements for Permanent Memory-2 cases of 3D data attached with metafile for preservation of records with 4 trial cases of application toward future usage-

Hideyuki Kobayashi

C-6-6

The design and management method to encourage citizens participation in Genbei River restoration project

Kyoko Yamaga, Koh Yamamoto and Ilji Cheong

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Study on future land use planning with effective sea breeze use: Case study in Kanagawa Prefecture, Japan

Makoto Yokoyama, Kaoru Matsuo, Takahiro Tanaka and Satoru Sadohara

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Similarity in power supply temperature sensitivity using standardized power supply data

Takahiro Mitsukuri and Hiroshi Miyazaki

C-9-1

Investigation on the Thermal Performance of a Novel Ventilated Photovoltaic (PV) Facade for High-rise Buildings

Yilin Li, Zhi Zhuang, Hongwei Tan and Feng Deng

C-10-1

A method for green residential building retrofit design according to user's preference

Zhuoran Wang

C-11-3

IEQ Conditions in Creating Healing Environment of Healthcare Facility: A Case of Hospital in Tropical Region

Sutida Sattayakorn, Masayuki Ichinose and Rumiko Sasaki

C-12-3

Full-scale experiments on energy-saving modification for Malaysian urban houses

Tetsu Kubota, Mohd Azuan Zakaria, Makoto Ohashi, Kanao Daiki, Doris Hooi Chyee Toe and Mohd Hamdan Ahmad

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A CFD Analysis of Wall-Effect Building Groups in a Curved Layout: A Study in Sha Tin, Hong Kong

He Yi and Schnabel Marc Aurel

Topic D . Urban Planning and Community Design in Diverse Contexts

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Side setback areas vs. backyards in residential zones in Japan and Iran – A comparative study of behavior and perceptions towards setback spaces based on morphological dissimilarities, case studies of Shiraz and Sapporo
Amir Shojai, Kaveh Fattahi and Suguru Mori

D-2-6

The Role of Multiple Stakeholders and their Collaboration in Post-disaster Housing Recovery —Different Approaches in Hurricane Katrina (2005) and Great East Japan Earthquake (2011)—

Sachi Suzuki, Yasuaki Onoda and Haruka Tsukuda

D-3-2

A Study on design method of intensive blocks based on evaluation system
Bing Qu and Jiawei Leng

D-4-5

Stormwater Management at a National Scale under the Asian Monsoon Climate: Case Study of Singapore's ABC Waters Design Guidelines

Sadahisa Kato and Takanori Fukuoka

D-5-2

Integrated Development of Public Space of Large Railway Station's Catchment Area

Wangyang Gui

D-6-6

Cooling Mist Fan Effect on Thermal Comfort in Outdoor Spaces on Hot Summer Days

Craig Farnham, Lili Zhang, Kazuo Emura, Jihui Yuan and Alam Md Ashraful

D-7-5

A Generic City in Question? Rem Koolhaas and the Formation of Taipei Performing Arts Centre

Pao-Ning Yin

D-8-4

Resident Self-management Method in the Hiramatsu Housing Complex, Kitakyushu city Municipal House: Research on Operation Method of Resident Self-management in Public House The 2nd report

Yohei Sadohara, Tsutomu Shiga and Hiromi Shimakita

D-9-4

Originating Urban Climate Change Adaptation Planning Guidepost: Urban Landscape Sustainability Framework(ULSF), Quezon City, Philippines

Tabassam Raza, Kuo Fan-Sheng and Joe F. Peralta

D-10-7

The Role of the Community Learning and Development Center in the Diverse Community

Sayaka Fujii

D-11-7

Discovery Learning Model with a Scientific Approach in Understanding The Concept of Energy Efficiency for Students of Vocational High School in Indonesia

Usep Surahman, Mokhamad Syaom Barliana and Johar Maknun

D-12-4

A Study on Self-sustaining Community Resilience through Local Asset Management - A Case Study of Local Community Association "Shinjyo Aigoukai" in Shinjyo town of Tanabe city, Wakayama, Japan

Miki Yoshizumi

D-13-2

Research on the emergency place and/or evacuation shelters designated by local governments including Buddhist temples

Takeshi Sasaki and Hideaki Katsumata

D-14-6

Urban Planning and Development in Damascus Metropolitan Area in the Syrian Arab Republic Based on the International Cooperation- A Case Study of Ghouta Road Area, Rural Damascus, Syria

Maysoun Sawaan and Kosuke Matsubara

D-15-1

Social Housing Development in Indonesia: Challenges in the Practice of Community-Based Housing Provision for Low-Income Residents

Deazaskia Prihutami and Hirohide Kobayashi

D-16-4

Integrated Analysis On The Cultural Landmarks Of A Chinese National Historical And Cultural City : Dose Recognition Degree Equate Aggregation Degree

Min Yin, Yangjin Chen, Yueping Zhou, Guangzhou Li and Jiangang Xu

D-17-4

A study about a change in the city formation judged from the disaster history of the past in the case of the coastal area of south region of Mie prefecture in Japan

Kenjiro Matsuura

D-18-1

Spatial Openness and Wall Perimeter as Practical Indices for Evaluating Quality of Open Spaces in Residential Areas – A comparison between Tehran and Tokyo

Sepideh Payami Azad, Ryohei Morinaga and Hideki Kobayashi

D-19-2

New Constructions in Historical Campus from the Perspective of Architectural Programming: Case Study and Practice

Zhang Qu

Topic E . Design and Technology of Building Structures

E-1-5

Behavior of Buttress Retaining Wall with Relieving Platform

Sung-Moo Park and Gyeong-Hwa Mun

E-2-2

Seismic Response of a Piled Raft Foundation with Grid-Form DMWs under Large Earthquake Load

Yoshimasa Shigeno, Kiyoshi Yamashita and Junji Hamada

E-3-3

Micro Tremor Measurement and Damage Investigation of Two Historical Pagodas in Patan

Kaori Fujita, Toshikazu Hanazato, Subedi Jishnu, Rajbhandari Suman and Takahiro Toyoda

E-4-2

Vibration Characteristics Evaluation of Traditional Timber Buildings with Large Eccentricity: Vibration Measurement and Eigenvalue Analysis on Gokokuji-Gekkouden

Takahiro Toyoda and Kaori Fujita