

JAABE BEST PAPER AWARD

THE AWARD:

This award is presented to outstanding papers published in this journal by the Architectural Institute of Japan, Architectural Institute of Korea and Architectural Society of China, and is given to a maximum of four papers (not more than one per field) once a year and announced on the homepage of JAABE.

CRITERIA:

1. Eligibility

Eligible for selection shall be papers published in the January issue and the May issue and the September issue of the present year.

2. Numbers of awardees

The award shall be given once a year to a maximum of four papers, at most one paper per field. However, no award shall be given in any field, if there is no paper qualified for awarding.

3. Evaluation method

(1) Field Editors shall ask Contact Editors in the relevant fields to recommend one paper from his/her country and one from other countries.

(2) Contact Editors shall notify their Field Editors of recommended papers with their evaluations, made according to the following criteria:

(Evaluation criteria)

a. High quality content of an international level

b. Exploration of new areas, methodologies, and concepts

c. Abundant in originality, pioneering achievement, novelty, and potential

d. Outstanding in accuracy, diligence and effort

(3) Field Editors and Contact Editors, considering the evaluations submitted, shall give scores by voting in an open ballot per field. The final grades shall be the total scores divided by the number of votes.

(Scores)

a. Excellent: 4

b. Very good: 3

c. Good: 2

d. Average: 1

e. Below average: 0

(4) The Field Editors and Contact Editors of each field shall nominate one paper to the JAABE Editorial Committee. The grade of nominated papers shall in principle be 2.0 or more.

(5) The JAABE Editorial Committee shall decide the winning papers based on nominations by the Field Editors.

4. Awarding

Testimonials shall be presented to the recipients of the award. In principle, only the first authors shall be the recipients of the award.

5. Announcement

Winning papers and awardees shall be announced on the homepage of JAABE.

6. Miscellaneous

The Field Editors and Contact Editors shall decline to evaluate papers, if they have the following special relationships with the authors of the papers considered: relatives, masters and pupils, colleagues, and co-authors. The Field Editors and Contact Editors who happen to be the authors (first authors/co-authors) of recommended papers shall decline to evaluate papers and appoint a deputy from the Editorial Board and invest him/her with full power.

WINNERS:

2016

Architectural History and Theory Field

Hui Wang

[A Study on Closed Halls in Traditional Dwellings in the Jiangnan Area, China](#)

in collaboration with

Xincheng Pu, Rongrong Wang, Yuting Zeng, and Xiaofeng Qi

Architectural/Urban Planning and Design Field

Norihiro Watanabe

[New City Block Design Approaches Incorporating Environmental Assessment for Downtown Districts in Cities with Severe Winter Climates](#)

in collaboration with

Tsuyoshi Setoguchi, Koya Sato, and Takuya Tsutsumi

Building Structures and Materials Field

Jae-Guen Yang

[Evaluation of the Energy Dissipation Capacities of Beam-to-Column Moment Connections for Steel Frames](#)

in collaboration with

Yong-Boem Kim, and Min-seok Kwak

Environmental Engineering Field

Takashi Kyakuno

[Methodology for Evaluating Influences of Anthropogenic Factors on Temperature Formation of Summer Seasons Considering their Randomness -Verification Through the Hierarchical Bayesian Model-](#)

2015

Architectural History and Theory Field

Tai-Young Kim

[Spatial Transition of Existing Old Settlements in Downtown Cheongju, Korea](#)

in collaboration with

Kyeonghwa Byun

Architectural/Urban Planning and Design Field

Lemya Kacha

[Electrophysiological Evaluation of Perceived Complexity in Streetscapes](#)

in collaboration with

Naoji Matsumoto, and Ahmed Mansouri

Building Structures and Materials Field

Xilin Lu

[The Influence of Joint Details and Axial Force Ratios on Failure Mechanisms of SCFT Column-beam Connections](#)

in collaboration with

Liping Kang, and Roberto T. Leon

2014

Architectural History and Theory Field

Hideo Tomita

[The Influence of Hannes Meyer and the Bauhaus Brigade on 1930s Soviet Architecture](#)

in collaboration with

Masato Ishii

Architectural/Urban Planning and Design Field

Yoshihiro Kametani

[Conservation and Possible Relocation for the Traditional Town of Koyasan, Based on the Surveys of Residents and Visitors](#)

Building Structures and Materials Field

Dongkyu Lee

[Evaluating Topological Optimized Layout of Building Structures by Using Nodal Material Density Based Bilinear Interpolation](#)

in collaboration with

Jaehong Lee, Kihak Lee, and Namshik Ahn

Environmental Engineering Field

Yonghui Li

[Predicting Hygrothermal Behavior of an Underground Stone Chamber with 3-D Modeling to Restrain Water-Related Damage to Mural Paintings](#)

in collaboration with

Daisuke Ogura, Shuichi Hokoi, Jianguo Wang, and Takeshi Ishizaki

2013

Architectural History and Theory Field

Jin-Ho Park

[The Underlying Geometry in Rudolph M. Schindler's Packard House](#)

in collaboration with

Joung-Lan Park

Architectural/Urban Planning and Design Field

Kyu-In Lee

[Experimental Research on the Correlation of Temperature, Humidity, and CO2 Level of a Rice Hull Insulated Indoor Environment](#)

in collaboration with

Dongwoo Yeom and Eun-Jin Kim

Building Structures and Materials Field

Huanjun Jiang

[Damage-control Seismic Design of Moment-resisting RC Frame Buildings](#)

in collaboration with

Bo Fu and Linzhi Chen

Environmental Engineering Field

Seong-Hwan Yoon

[An Experimental Study on Evacuation Times in a Subway Station Using Evacuation Parameters](#)

in collaboration with

Min-Jung Lee and Jumg-Jae Yee

2012

Architectural History and Theory Field

Yi-Chun Lin

[A Preliminary Study on Tangshan Chinese Carpenters' Migratory Routes in Taiwan - During the Japanese Period \(1910 ~ 1928\): Using Xidi Carpenters from Quanzhou County as a Case Study](#)

in collaboration with

Min-Fu Hsu and Tsung-Chiang Wu

Architectural/Urban Planning and Design Field

Akihiko Iwasa

[A Practical Approach to Temporary Housing for Disaster Victims](#)

in collaboration with

Takashi Hasegawa, Shunichi Shinkai, Masahiko Shinozaki, Atsuko Yasutake and Kenichi Kobayashi

Building Structures and Materials Field

Kohju Ikago

[Modal Response Characteristics of a Multiple-Degree-Of-Freedom Structure Incorporated with Tuned Viscous Mass Dampers](#)

in collaboration with

Yoshifumi Sugimura, Kenji Saito and Norio Inoue

Environmental Engineering Field

Iwao Yamaguchi

[Study on Outside Air Cooling Systems Used in Data Processing Facilities](#)

in collaboration with

Makoto Koganei, Tomonobu Goto and Masataka Tsushima

2011

Architectural History and Theory Field

Chung-Shin Park

[Formation and Transformation of Japanese Migrant Fishing Village Colonies in Korea](#)

in collaboration with

Tai-Young Kim

Architectural/Urban Planning and Design Field

Seo Ryeong Ju

[Contextual Modernization: New Town Planning in Petaling Jaya, of Malaysia](#)

in collaboration with

Saniah Ahmad Zaki and Yun Kyung Choi

Building Structures and Materials Field

Peizhen Li

[Parameter Identification and Analysis of Shaking Table Tests on SSI System](#)

in collaboration with

Peng Zhao and Xilin Lu

Environmental Engineering Field

Lin-lin Huang

[Field Survey on the Relation between IAQ and Occupants' Health in 40 Houses in Southern Taiwan](#)

in collaboration with

Koichi Ikeda, Che-Ming Chiang, Naoki Kagi, Sachiko Hojo and U Yanagi

2010

Architectural History and Theory Field

Chih-Ming Shih

[The Tectonic Integration of Louis I. Kahn's Exeter Library](#)

in collaboration with

Fang-Jar Liou and Robert E. Johanson

Architectural/Urban Planning and Design Field

Xiang Wang Meng

[Development of Urban Design Guidelines with Wind Tunnel Simulations for Downtown Districts in Winter Cities - New Urban Design Approaches for Cold Region Cities-](#)

in collaboration with

Tsuyoshi Setoguchi

Building Structures and Materials Field

Xiao-Gang Zhang

Dynamic Corrosion-induced Cracking Process of RC Considering Effect of Initial Defects

in collaboration with

Yan-Gang Zhao and Zhao-Hui Lu

Environmental Engineering Field

Kazuhide Ito

Cost-effectiveness Analysis of Improved Indoor Temperature and Ventilation Conditions in School Buildings

in collaboration with

Shuzo Murakami

2009

Architectural History and Theory Field

Juan Ramón Jiménez Verdejo

Considerations Concerning French Urban Influence on Spanish Colonial Cities on the Island of Cuba

in collaboration with

José María Cabeza Láinez, José Manuel Almodóvar Melendo and Shuji Funo

Architectural/Urban Planning and Design Field

Gyuyeob Jeon

Characteristic Features of the Behavior and Perception of Evacuees from the Daegu Subway Fire and Safety Measures in an Underground Fire

in collaboration with

Wonhwa Hong

Building Structures and Materials Field

Huanjun Jiang

Maximum Displacement Profiles of Reinforced Concrete Frames

in collaboration with

Xilin Lu and Tetsuo Kubo

Environmental Engineering Field

Jiang He

The Effects of Windbreak Forests on the Summer Thermal Environment in a Residence

in collaboration with

Akira Hoyano

2008

Architectural History and Theory Field

Chen Yu

The Making of a Bund in China: The British Concession in Xiamen (1852-1930)

Architectural/Urban Planning and Design Field

Young Sook Lee

Indoor Environmental Quality in LEED-Certified Buildings in the U.S.

in collaboration with

Suk-Kyung Kim

Building Structures and Materials Field

Songtao Xue

Dynamics of Real Structure in Fresh, Damaged and Reinforced States in Comparison with Shake Table and Simulation Models

in collaboration with

Hesheng Tang, Jun Okada, Toshimitsu Hayashi and Satoshi Arikawa

Environmental Engineering Field

Masashi Imano

Study on Utility Cross-Ventilation in Guangzhou and Shenzhen, China

in collaboration with

Yunchan Zheng, Yoshihiko Akamine, Narongwit Areemit, Motoyasu Kamata and Yuzo Sakamoto

2007

Architectural History and Theory Field

Tze Ling Li

A Study of Ethnic Influence on the Facades of Colonial Shophouses in Singapore: A Case Study of Telok Ayer in Chinatown

Building Structures and Materials Field

Dong-Kyu Lee

Combined Topology and Shape Optimization of Structures using Nodal Density as Design Parameter

Environmental Engineering Field

Wee-Kean Fong

Influences of Indirect Lifestyle Aspects and Climate on Household Energy Consumption

in collaboration with

Hiroshi Matsumoto, Yu-Fat Lun and Ryushi Kimura

2006

Architectural/Urban Planning and Design Field

ByungHo Min

Children's Behavioral and Conceived Domains in Neighborhood Environment

in collaboration with

Hyuntae Heo and Hyunjung Lee

Building Structures and Materials Field

Tetsushi Kanda

Full Scale Processing Investigation for ECC Pre-cast Structural Element

in collaboration with

Shiro Tomoe, Satoru Nagai, Makoto Maruta, Toshiyuki Kanakubo and Katsuyuki Shimizu

Environmental Engineering Field

Qingyuan Zhang

Trends of Climate Change and Air-Conditioning Load of Residential Buildings in China

in collaboration with

Chengzhi Lou and Hongxing Yang

2005

Architectural/Urban Planning and Design Field

Po-Fung Matsushita

Research on the Formation Process of a Multi-ethnic Network in Urban Mixed-use District by Ethnic Minorities Living in Mixed-use Buildings, Wanchai, Hong Kong

in collaboration with

Tetsu Yoshida and Junzo Munemoto

Environmental Engineering Field

Hiroshi Yoshino

A Study on Indoor Air Quality of Urban Residential Buildings in China

in collaboration with

Junhong Zhao, Yasuko Yoshino, Kazukiyo Kumagai, Yueyong Ni, Zhenhai Li, Jing Liu, Takayuki Shigeno, Hiroyuki Miyasaka and Yukio Yanagisawa

2004

Architectural/Urban Planning and Design Field

Napong Nophaket

Syntactic and Network Pattern Structures of City - Comparison of Grid and Meandering Street Patterns in Kyojima and Honjo -

in collaboration with

Akira Fujii

Building Structures and Materials Field

Kaori Fujita

On-Site Lateral Loading Test of a Traditional Timber House in Japan

in collaboration with

Tetsu Kondo, Mikio Koshihara, Shinji Iwata, Mahito Nakazono and Isao Sakamoto

Environmental Engineering Field

Kouichi Shinmura

Performance Evaluation Method for Drainage Piping Systems with Food Disposers in Actual High-Rise Apartment Houses

in collaboration with

Masayuki Otsuka, Toru Iida and Kazuaki Iijima

2002-2003

Architectural History and Theory Field

Jin-Ho Park

Precedent and Progress of an Idea: Quadruple Building Block and the Schindler Shelter

Yi Deng

A Study on the Block Formation and Its Subdivision into the Housing Lots in the Inner City of Beijing

An Analysis of Qianlong Jingcheng Quantu, Map of the Capital City of Qianlong Period (1750)

in collaboration with

Shuji Funo and Tsutomu Shigemura

Architectural/Urban Planning and Design Field

Maruhum Batubara

An Application of the AHP to Urban Residential Upgrading in Jakarta

in collaboration with

Hidehiko Tanimura, Monday Ohi Asikhia and Atsushi Toshimori

Pei-Chun Shao

Post-quake Condominium Reconstruction for Taiwan Chi-Chi Earthquake in 1999

Building Structures and Materials Field

Xilin Lu

Numerical Analysis of Dynamic Soil-Box Foundation-Structure Interaction System

in collaboration with

Peizhen Li, Bo Chen and Yueqing Chen

Yan-Gang Zhao

Monte Carlo Simulation Using Moments of Random Variables

in collaboration with

Tetsuro Ono and Kiyoshi Ishii

Environmental Engineering Field

Akashi Mochida

Numerical Study on Thermal Effects of Cold and High-albedo Surfaces Covered with Snow in Outdoor Environments

in collaboration with

Yoshihide Tominaga, Hiroshi Yoshino, Kiyoshi Sasaki and Makiko Ohba

Jin-Young Lee

Predictive Control of the Radiant Floor Heating System in Apartment Buildings

in collaboration with

Myoung-Souk Yeo and Kwang-Woo Kim