

Symposium on
“Lessons from Recent Large-Scale Fires and Future Directions”
 Hosted by National Graduate Institute for Policy Studies (GRIPS) and Building Research Institute (BRI)

The Itoigawa Great Fire occurred in December 2016, and a large logistics warehouse in Miyoshi, Saitama, was hit by a fire in February 2017. Furthermore, in June 2017, a fire that occurred in London engulfed a whole high-rise apartment building. In the symposium, the current status of measures based on lessons learned from such fires will be introduced, and future directions will be explored to make buildings and cities more resilient.

Date and time: Thursday, December 13, 2018 1:30pm – 5:00 pm Open from 1:00pm
Venue: Sokairo Hall, 1st Floor of GRIPS (See map below) (Max. 300 persons)
Language: Japanese/English (simultaneous translation provided)
Hosted by: National Graduate Institute for Policy Studies, Building Research Institute
Supported by: National Institute for Land and Infrastructure Management of the Ministry of Land, Infrastructure, Transport and Tourism, Japan Housing Financing Agency, Urban Renaissance Agency, Curtainwall Fire Window’s Association, Building Performance Standardization Association, Consortium for Building Research & Development, Japanese Association of Building Mechanical and Electrical Engineers, Institute of Social Safety Science, Japan Association for Fire Science and Engineering, Japan Federation of Construction Contractors, The Japan Institute of Architects, Architectural Institute of Japan, Japan Federation of Architects & Building Engineers, Japan Association of Architectural Firms, The Japan Building Disaster Prevention Association, Japan Rolling Shutters & Doors Association, Japan Academic Network for Disaster Reduction, Association of Living Amenity, Building and Equipment Long-life Cycle Association

Program:

MC: Hiroki SUNOHARA (Professor, GRIPS)

1:30-1:40pm Introductory Remarks

Yoshihiko HAYASHI (Director, Dept. of Fire Engineering, BRI)

1:40-3:00pm Part 1: Improving safety of buildings and urban areas based on the experience of large-scale fires

Moderator: **Mamoru KOHNO** (Professor, Tokyo University of Science)

Tatsuya IWAMI (Senior Research Engineer, Dept. of Housing and Urban Planning, BRI)

“Lessons from large-scale fire in Itoigawa and measures taken”

Tensei MIZUKAMI (Senior Research Engineer, Fire Standards Division, NILIM)

“Lessons from Large-scale warehouse fire and measures taken”

Atsuo FUKAI (Director, Building Disaster Prevention Office, Housing Bureau, MLIT)

“Recent development of building codes for fire safety”

Q&A and Summary

Break

3:10-4:50pm Part 2: Towards realizing resilient buildings and cities

Moderator: **Mamoru KOHNO** (Professor, Tokyo University of Science)

Paul EVERALL (Chief Executive, Local Authority Building Control, England and Wales)

“Review of building regulatory system based on lessons from residential tower fire in London”

Yuji HASEMI (Professor, Waseda University)

“A new fire safety system - change in mindset to break a deadlock”

Q&A and Summary

5:00pm Closing

Access to GRIPS
 (7-22-1 Roppongi, Minato-ku, Tokyo)

Free of charge (Pre-registration required)

Please send your name and affiliation to the e-mail address below by Mon, Dec. 10, 2018

Contact: Institute of International Harmonization for Building and Housing (IIBH) (E-mail: grips2018@iibh.org)



Profile of Moderator and Presenters

Mamoru KOHNO

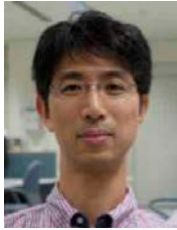
Professor, Tokyo University of Science



BS. Eng., MS. Eng. Kyoto University, Dr. Eng. Nagoya University. He has more than 30 years of professional career at Nagoya University, BRI, NILIM and current position at TUS which he joined in 2009. His research area includes structural reliability, performance-based fire safety standards, and post-earthquake fire safety issues of high-rise apartment buildings.

Tatsuya IWAMI

Senior Research Engineers, Dept. of Housing and Urban Planning, BRI



Tatsuya Iwami received a master's degree of Engineering from Kobe University in 1997. He has researched a modeling and risk analysis of city fire since 1997 at Building Research Institute and National Institute for Land and Infrastructure Management. He is a staff of Dept. of Housing and Urban Planning, BRI, JAPAN.

Tensei MIZUKAMI

Senior Research Engineer, Fire Standards Division, NILIM



Ph.D., Kyoto University, 2012. He has started his career in fire testing laboratory and engaged in 1) Performance-based engineering for 6 years. After joining in NILIM, he has engaged in 2) Risk-based fire safety design and 3) Fire investigation, such as 2016 Itoigawa city fire to support the improvement of building regulations.

Atsuo FUKAI

Director, Building Disaster Prevention Office, Housing Bureau, MLIT



He joined the Ministry of Construction in 1990. He has been engaged mainly in housing and building administration at the Ministry of Construction, the Ministry of Land, Infrastructure, Transport and Tourism, local governments, etc. He was appointed as Director, Elevator and Building Accidents Investigation Office, Housing Bureau, MLIT in 2016. He has been in the current position since 2017.

Paul EVERALL

Chief Executive, Local Authority Building Control, England and Wales



CBE MA (Cantab) CEng. Has been CEO of LABC since 2005, the body which represents all of the local authorities in England and Wales with building control responsibilities. Prior to that he was Head of Building Regulations in the UK Government between 1991 and 2005, and a Senior Civil Servant since 1981.

Yuji HASEMI

Professor, Waseda University



BS, MS, and PhD, Waseda University. After 22 years engagement in fire research at BRI, he has been Professor at Waseda University since 1997 and is conducting research and practice to alleviate disaster risks in contemporary societies. He has been awarded the AIJ Annual Award (1987), P. H. Thomas Medal (IAFSS, 1988), H. W. Emmons Award (1999, IAFSS), Special Honor by Tokyo Metropolitan Fire Department (2017) etc.