

## GRIPS & BRI Co-organized Symposium "Coping with the Flood Damage of Buildings"

Online Symposium Feb. 17th (Wed.) 2021 English / Japanese (by simultaneous interpreting)

In recent years, countermeasures against flood disasters of buildings have become important in Japan, by the increase of severe flood disasters. For example, in Typhoon 19 (Hagibis) in 2019, due to flooding of a super highrise condominium's power receiving and transforming facilities, its elevators and water supply facilities became unusable, and in July 2020, extensive flooding inundation of facilities for the elderly and urban areas caused extensive human and building damage. In this symposium, we will exchange information on domestic and international efforts and technological trends, and consider issues that need to be addressed in the future.

### [Program](#)

#### [Video \(English\)](#)

Facilitator: Masaru Sugahara Prof. (National Graduate Institute for Policy Studies)

13:30 - Introduction: Yorinobu Eda (Building Research Institute)

13:40 - Lectures and Panel Discussion Moderator: Nozomu Kiuchi Dr. (Building Research Institute)

◇Keynote Lecture (13:40 -)

["Retrofitting for Flood Resilience" Edward Barsley \(The Environmental Design Studio\) \(English\)](#)

◇[Lectures](#) (14:20 -)

"Flood Resistant Buildings; Japanese Circumstances, Necessities and Possibilities" Nozomu Kiuchi Dr. (Building Research Institute)

"Recent Flood Damages to Buildings and Challenges for Flood Resistant Buildings" Kazuo Tamura Dr. (Aseismic Urban Building Institute)

"Challenges for Post-disaster Measures of Wooden Detached Housings at Actual Flood Disaster Sites" Jun'ichi Hasegawa (Architectural Restoration Support Network (ARSN))

"Flood Countermeasures and Issues in Buildings from the Perspective of Business Continuity Plan and Life Continuity Plan" Toshihiro Sankai (Nat. Inst. for Land&InfrastructureManagement)

"Expectations for Building Measures in the River Basin Management Policy" Kentaro Taki Dr. (The University of Shiga Prefecture)

"Recent Challenges to Reduce the Flood Damage in the Field of Building and Housing" Takashi Imamura (Ministry of Land, Infrastructure, Transport & Tourism)

◇Panel Discussion (16:00 -)

Steps towards Flood Resistant Building Measures

◇Closing (17:00 -)