Prof. Dr. Mikio Koshihara

The University of Tokyo
Graduate School of Engineering
4-6-1 Komaba, Meguro-ku,
Tokyo, 153-8505
Japan

Contemporary Mid-rise Timber Building in Japan

Japan has a longstanding heritage of wooden buildings. In the long history, large buildings such as temples and tall tower such as five-story pagoda have been built. However, these buildings were large roof constructions and there are a few multi-story buildings. In the 20th century, the challenge of multi-story wooden architecture started, but it was restricted by the law, and the challenge began again in 2000. Recent seismic technology and fireproof technology for timber buildings have made it possible to realize mid-rise timber buildings in Japan.

CV

Mikio Koshihara is professor of timber engineering at the university of Tokyo, Institute of Industrial Science(IIS). After graduation from the university of Tokyo, he stayed as structural engineer at Structural Design Group <SDG> and was assigned to be an Associate professor at IIS in 2005 for starting a new laboratory of the timber engineering. He got many awards including the Civil Engineering Design Prize from Japan Society of Civil Engineers in 2008, the Prize of Architectural Institute of Japan in 2012, World Monuments Fund/Knoll Modernism Prize from World Monuments Fund in 2012 and Japan Structural Design Award (Gengo Matsui Special Prize) in 2017. He is a structural designer of many timber buildings, 5 storied mix structure building ‘Shomouma apartment house’ in 2013, a timber bridge 'Yumemibashi-bridge' in 2007, 'Hizuchi elementary school' in 2009 and 'Kanazawa M-Building' in 2005.