Tokyo Metropolitan Resilience Project E-defense Test (December 2019)
Blind Prediction Competition

We are pleased to pre-announce a blind prediction competition for an E-defense test to be performed in December 2019 as part of the Tokyo Metropolitan Resilience Project. The test specimen is a 3-story reinforced concrete building with spandrel walls casted monolithically with the frame elements. Participants will be tasked with predicting various building response parameters, such as peak interstory drifts and base shear.

More information on contest rules, specimen details, test plan and prizes will be provided when the competition opens in October 2019.

2019 E-defense Specimen

Lessons Learnt Workshop

A "Lessons Learnt" workshop will be held to assess the reliability of analysis methods and assumptions adopted, identify future research needs and discuss potential for international collaboration. This workshop will be scheduled around the time of the 17th World Conference on Earthquake Engineering in Sendai, Japan, with international participation anticipated.

Key dates (tentative)

2019
Oct – Contest opens
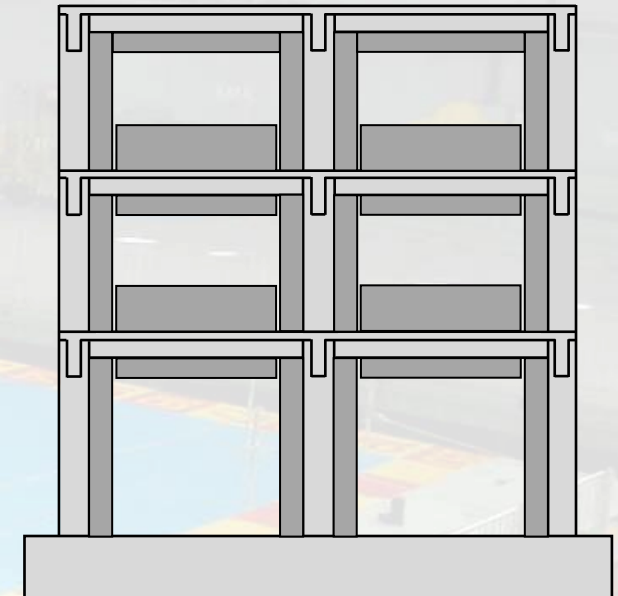Dec – E-defense Test performed, and recorded foundation accelerations distributed to participants

2020
Feb – Competition submission deadline
Mar – Top three teams notified of their placings
Sep – 17WCEE conference and workshop

Interested in participating or receiving blind prediction competition and workshop updates?

Please send an e-mail to trevoryeow@eri.u-tokyo.ac.jp with your name and affiliation, and we will add you to the mailing list.

Competition organizer:
Dr. Trevor Yeow (project researcher), Earthquake Research Institute, University of Tokyo