



SAKAMOTO LAB.

Welcome to aural demonstration using sound field simulator!

[Evaluation of sound in urban areas/buildings]

Advanced Mobility Research Center

<http://www.acoust.iis.u-tokyo.ac.jp>

Applied Acoustic Engineering

Department of Architecture,
Graduate school of Engineering

Evaluation of sound in urban areas/buildings

Our laboratory treats various acoustical issues in urban areas/buildings. Method of evaluating of acoustical environment and techniques of control and prediction of sound will be introduced.

Development of prediction methods : Numerical analysis

Room acoustic design : Auditorium, Music practice room, Open-type classrooms

Acoustic measurement : Sound propagation, Sound insulation and absorption

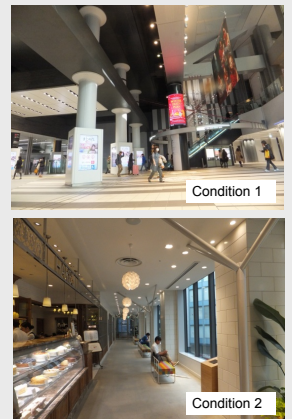
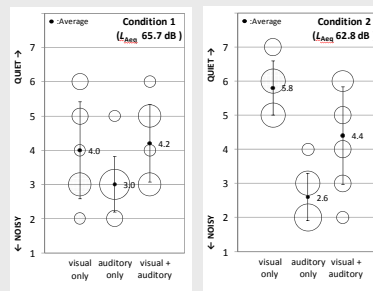
Development of sound field simulation : 6 channel recording-reproduction system

Subjective evaluation : Concert halls, Living environments, Public spaces, Offices, other small spaces such as a car cabin

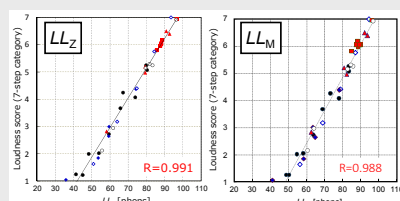
Sound masking system for speech privacy



A feeling of quietness in commercial facilities



Psycho-acoustical assessment of environmental noise



Acoustical performance of music practice room

