

Call for papers

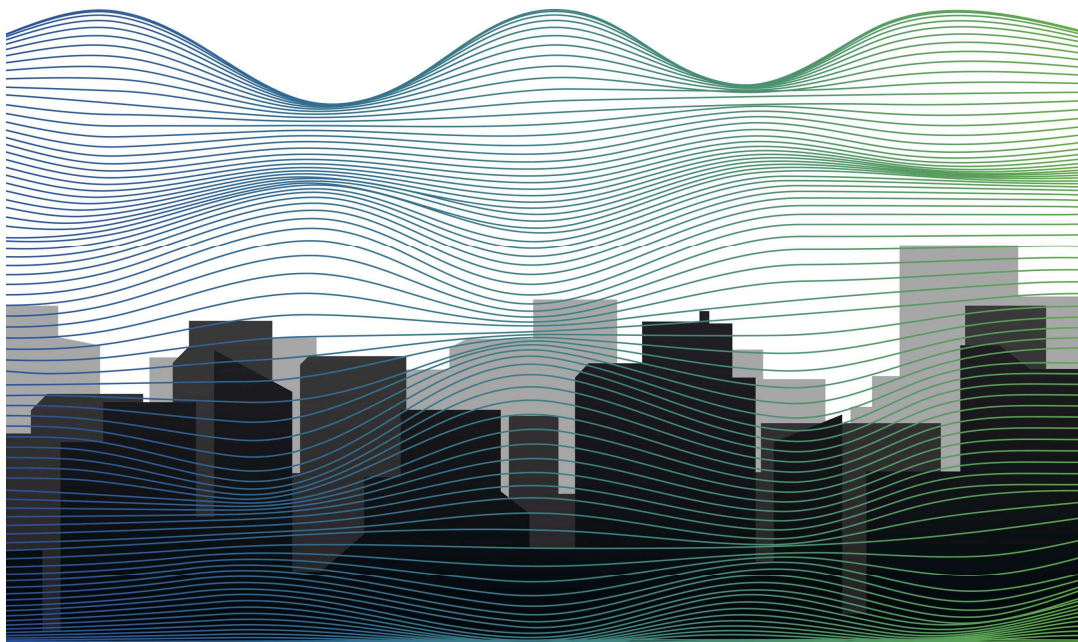
Special issue on the topic of

Building Acoustics:

New Approaches and Perspectives in Building Acoustics

in *Acta Acustica*

(Journal of the European Acoustics Association)



Guest editors:

Teresa Carrascal, Eduardo Torroja Institute for Construction Science, IETcc-CSIC, Spain

Chiara Scrosati, CNR, Istituto per le Tecnologie della Costruzione, Italy

Amelia Romero, Eduardo Torroja Institute for Construction Science, IETcc-CSIC, Spain

Carolina Monteiro, OTOH Smart Sound Monitoring, Brazil

Background

Building acoustics is essential for creating healthy and comfortable indoor environments, as acoustic quality directly influences well-being, productivity, and overall quality of life. Recent advances in sound insulation materials, measurement techniques, prediction methods, and material characterization offer new opportunities to enhance acoustic performance in both new and renovated buildings.

Scope of the special issue

This special issue will focus on research related to sound insulation in the built environment, including measurement techniques, design of solutions, numerical modelling approaches and practical applications of acoustics in buildings

We invite original contributions describing new research, case studies, projects, reviews and state-of-the-art discussions on the following and related topics, including but not limited to:

- Sound insulation of building elements.
- Prediction and measurements of sound insulation and vibration in buildings
- Regulations, classification schemes and standards in buildings
- Computational and experimental analysis of structure borne sound transmission and ground borne noise.
- Acoustic performance of wooden buildings
- Acoustic measurements and case studies on building sound insulation in new build and retrofitting.
- Noise from HVAC systems, heat pumps, and ventilation units.

Contacts

tcarrascal@ietcc.csic.es

scrosati@itc.cnr.it

aromero@ietcc.csic.es

carolina.monteiro@harmonia.global

Submissions

All kinds of relevant papers will be considered and reviewed by a distinguished team of international experts: full length original research articles, reviews, letters, and technical briefs that address building acoustics.

The deadline for the submissions is 6th June 2026. The manuscripts will be handled on rolling basis. The submissions can be in Latex or MS Word.

Abstract submission is optional and will allow you to receive early feedback from the Guest Editors on whether your article is in the scope of the special issue. Please email your abstracts directly to the Guest Editors at the email addresses above.

Manuscripts can be submitted online via the submission and peer-review site of Acta Acustica. Register choosing the title of the special issue “New Approaches and Perspectives in Building Acoustics”. Please find further instructions for authors at

<https://acta-acustica.edpsciences.org/author-information/instructions-for-authors>

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