

Special session

“Structural Health Monitoring and its role in the Sustainability of the Built Environment”

Organised by

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Selected papers from the session will be published in a special issue of the journal *Developments in the Built Environment* of Elsevier.



Sustainability is the most serious concern for our future. The importance of the built environment in this respect is huge considering the amount of human activity supported by it, as well

as its environmental impact. Ensuring long lasting materials and structures by quality assurance and extending their useful life span with condition monitoring and maintenance are of paramount significance. Although experimental monitoring techniques, energy harvesting and wireless sensors have proven effective in laboratory settings, the need to upscale to large dimensions and integrate these approaches into a holistic SHM approach is urgent. This session aims to bring together all aspects of quality monitoring starting from fit-for-service check, up to damage assessment of structures during usage.

Abstracts in all aspects of SHM are welcome and can be submitted through the conference website (please mention the session): <https://icem19.org/en>. Please also send your abstract by email to the following addresses. For more information contact:

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