



Structural Health Monitoring of Large Structures Using Acoustic Emission–Case Histories

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Message from the Guest Editors

Acoustic emission (AE) techniques have successfully been used for assuring the structural integrity of large rocket motorcases since 1963, and their uses have been expanded to ever larger structures, especially since the structural health monitoring (SHM) of large structures has become the most urgent task for engineering communities globally. In this Special Issue of the Acoustics section of *Applied Sciences*, we seek contributions in the same manner as these exceptions cited here. Here, however, we seek contributions describing case histories of AE applications to large structures that have achieved the goals of SHM and do so by giving adequate technical information supporting the success stories. Types of structures can include aerospace and geological structures, bridges, buildings, factories, maritime facilities, off-shore structures, etc. Experiences with AE monitoring methods designed and proven for large structures, including remote sensing methods, are also welcomed.





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Message from the Editor-in-Chief

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