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# Study on Cyclic Mechanical Behaviors of Materials - 2nd Edition

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Deadline for manuscript submissions: **closed (10 October 2024)** 

## **Message from the Guest Editors**

The increasing demand for high-performance construction materials evokes the development of adequate constitutive modelling, as well as the appropriate predictions of overall failure mechanisms under complex thermo-mechanical loads. Fatigue, resulting from cyclic loading, is one of the most common and important phenomenon encountered in mechanical structures for different industrial applications. A correct prediction of this phenomenon is usually closely related to safety in addition to economic aspects.

This Special Issue aims to present the latest achievements in the field of fatigue. We invite researchers to submit original research papers and review articles on the cyclic behaviours of various materials, including metals and geomaterials. Both experimental and theoretical studies related to different aspects of fatigue are warmly welcome.













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## **Message from the Editor-in-Chief**

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