



Special Issue on Material Fatigue and Fracture

Call for Papers

Fatigue & Fracture of engineering focus on the topic of structural integrity which is founded on the mechanics of fatigue and fracture, and is concerned with the reliability and effectiveness of various materials and structural components of any scale or geometry. Fatigue is the most common source behind failures of mechanical structures. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of fatigue and fracture.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Material Fatigue and Fracture**. In this special issue, potential topics include, but are not limited to:

- Fatigue limit algorithm
- Mechanisms of material fatigue and fracture
- Corrosion fatigue and fracture
- Fatigue analysis
- Low- and high-cycle fatigue
- Design against fatigue
- Elastoplastic fracture mechanics
- Surface crack
- Crack closure theory and high load hysteresis effect

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Material Fatigue and Fracture**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	July 22nd 2026
Publication Date	September 2026

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at



Scientific Research
Open Access

**Materials Sciences and
Applications**
ISSN Online:2153-1188

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