

## Special Issue

# Hydrogen Embrittlement of Modern Alloys in Advanced Applications

### Message from the Guest Editor

In this Special Issue, we welcome submissions regarding both fundamental and applied research centered around hydrogen embrittlement in metal alloys, especially those with vital engineering applications or exhibiting significant potential. We encourage contributions on new mechanisms, characterization techniques, materials, and models. Research topics should fall within the scope of this Special Issue but may overlap with other research areas where hydrogen's effects are significant, such as environmental-assisted cracking. New mechanisms in emerging and/or cutting-edge domains are also of special interest. Review papers are also welcome, particularly those that summarize the forefront of hydrogen embrittlement research from a new perspective.

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### Guest Editor

Dr. Huixing Li

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### Deadline for manuscript submissions

31 January 2026



## Corrosion and Materials Degradation

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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