



Special Issue on Corrosion and Protection of Materials

Call for Papers

Corrosion is the surface disintegration of metals within specific environment. There are basically three factors by which corrosion can be classified – nature of the corrodent, mechanism of corrosion, and appearance of the corroded metal. The classification is based on the surface morphology and it must be noted that the forms of corrosion are distinct in theory but practically, there are cases wherein the corrosion fits in more than one category. 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 **Corrosion and Protection of Materials**.

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

- General corrosion, pitting corrosion, crevice corrosion
- Galvanic corrosion, erosion-corrosion, cavitation erosion
- Fretting corrosion, intergranular corrosion
- Exfoliation, dealloying, dezincification
- Environmentally assisted cracking, including stress cracking corrosion, corrosion fatigue
- Electrochemical techniques to study corrosion
- Localized corrosion of passive materials
- Corrosion of innovative alloys
- Corrosion of rebar in concrete
- Corrosion in oil and gas industry
- Corrosion prevention techniques
- Thermodynamics of materials corrosion
- Permanent corrosion protection

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 –Corrosion and Protection of Materials**” should be selected during your submission.

Special Issue timetable:



Submission Deadline	October 29th, 2024
Publication Date	December 2024

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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