



Special Issue on Corrosion and Protection of Materials

Call for Papers

Corrosion is the deterioration of metals in contact with the specific environment, leading to relevant effects on asset safety and maintenance. Anti-corrosion research covers multidisciplinary aspects and addressing the material's performance challenges in a wide range of industrial sectors, including oil & gas, aerospace and nuclear. Current projects range from development of new experimental approaches for material characterization, through mechanistic understanding of corrosion and inhibition processes, to advancement of sustainable protective surface treatments and functional coatings. 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:

- 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:

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