



Materials and Corrosion

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Deadline for manuscript
submissions:

30 June 2022

Message from the Guest Editors

Dear Colleagues,

Corrosion has a huge economic, environmental and sustainability impact on virtually all facets of constructional materials, from highways, bridges, and buildings to oil and gas, chemical processing, desalination, nuclear, power facilities, water, and wastewater systems. In addition to causing severe environmental damage and threats to public safety, corrosion disrupts operations and requires extensive repair and replacement of failed assets. The annual cost of corrosion worldwide was estimated to exceed \$U.S.2.5 trillion in 2016, which translates to 3 to 4% of the Gross Domestic Product (GDP) of industrialized countries according to NACE IMPACT study report. Thus, the economic and environmental impact of corrosion is significant.





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Message from the Editor-in-Chief

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