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Recent Advances in Corrosion Science

Guest Editor:

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Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editor

Corrosion resistance depends on numerous determinants, depending on material structure and chemistry, but also on complex environmental factors. It is highly challenging to obtain consensus between high resistance and economic factors. On the other hand, inadequate levels of corrosion control create serious hazards to life and the environment.

The Special Issue “Recent Advances in Corrosion Science” is aimed at presenting a collection of original research and reviews focused on current engineering problems and discussing the available solutions on the topic of corrosion failure mechanisms, advances in corrosion protection and evaluation techniques ranging from industrial to nanoscale applications.

Keywords

- Electrochemistry of corroding interfaces
- Local corrosion processes at the micro- and nanoscale
- Electrochemical protection of metals
- Industrial-scale processes and corrosion monitoring
- Advances in corrosion measurement techniques
- Corrosion-resistant coatings and their characterization



mdpi.com/si/22774

Special Issue



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Message from the Editor-in-Chief

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