

Special Issue

Corrosion Management in a Digital World

Message from the Guest Editor

In recent years, there has been a wide range examples of digitalisation presenting new opportunities in corrosion research, corrosion design and operational corrosion management. However, integration of traditional corrosion knowledge into the new digital economy and vice versa is still very much in its infancy. This Special Issue presents a unique opportunity for corrosion engineers, researchers and digital technologists to interact with and report on current best practice, lessons learned, the latest technologies and projections for what the future may have in store. It is my pleasure to invite academicians, engineers, corrosion professionals and digital leaders to submit a manuscript to this Special Edition. The scope of the Special Edition is broad; the following areas are of particular interest:

- Data and design
- Corrosion prediction and management;
- Corrosion monitoring and measurement;
- Corrosion inspection and integrity management;
- Using data for more proactive corrosion management;
- Making data-driven decisions;
- Integrating digital technologies;
- Corrosion and drone-based technologies;
- Digitalisation and cost reduction.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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