



---

Open Access Journal by MDPI

---

Tracked for Impact Factor  
Indexed in Scopus

# Corrosion and Materials Degradation



[mdpi.com/  
journal/  
cmd](https://mdpi.com/journal/cmd)



# Message from the Editor-in-Chief

*Corrosion and Materials Degradation* has the core objective of providing a new platform for dissemination of disruptive and novel approaches to corrosion mitigation for commercially-attractive exploitation, while also promoting the cutting-edge advancements of the traditional approaches of the discipline. First two issues of the new journal were mostly the compilations of topmost class reviews that were accomplished upon invitation to the leading corrosion researchers and technologists.

Corrosion, one of the most common forms of materials degradation, poses enormous challenges across industries, and can even impact our health (for example degradation of artificial hip or knee implants due to corrosive body fluid and wear, necessitating their premature replacement). Corrosion is also invariably a concern for infrastructure (buildings, roads, and bridges).

---

**Editor-in-Chief**

Prof. Dr. Raman Singh

---

**Aims**

*Corrosion and Materials Degradation* is an international, peer-reviewed open access journal, which aims to focus on corrosion, and science and technology of its mitigation.

---

## Scope

- Salient Features of Fundamentals of Corrosion
- Electrochemistry of Corroding Interfaces
- Non-destructive Evaluation of Corrosion
- Corrosion of Body Implants
- Role of Nano- and Microstructure in Corrosion
- Corrosion-assisted Cracking
- Corrosion and Corrosion-assisted Fracture of
- Aerospace Structures
- Corrosion of Renewable/Modern Energy Systems
- Corrosion of Traditional Energy Systems
- Corrosion of Nuclear Energy Systems
- Corrosion of Light Metals and Alloys
- Corrosion of Weldments
- Corrosion in Petroleum, Oil and Gas Systems
- Corrosion in Water Systems
- Corrosion Prevention and Mitigation
- Corrosion-Barrier Coatings
- Corrosion Modeling and Simulation
- Corrosion of Steel in Concrete
- Corrosion of Metals in Porous Media
- Corrosion of Additively Manufactured Materials
- Degradation of Polymers and Ceramics

---

## Author Benefits

### Open Access

Unlimited and free access for readers

### No Copyright Constraints

Retain copyright of your work and free use of your article

### Thorough Peer-Review

### Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

### No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

### Coverage by Leading Indexing Services

ESCI (Web of Science), Scopus, EBSCO, and other databases

### Rapid Publication

A first decision is provided to authors approximately 20.2 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in the second half of 2023)

MDPI is a member of

CASPA



STM<sup>1</sup>

| C | O | P | E |

SPARC\*  
Europe

U | K | S | G



DOAJ



ORCID



**Editorial Office**

[cmd@mdpi.com](mailto:cmd@mdpi.com)

MDPI

St. Alban-Anlage 66

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[mdpi.com](http://mdpi.com)

