

Special Issue

Atmospheric Corrosion of Materials, 2nd Edition

Message from the Guest Editor

Atmospheric corrosion is a major contributor to the cost of corrosion and is a major limiting factor for the use of metallic materials in many industrial applications. The mechanisms of atmospheric corrosion are rather complex and involve electrochemical reactions occurring in a thin film of electrolytes on the metal surface. This special issue will cover all aspects of indoor and outdoor atmospheric corrosion. It also includes sensing techniques to monitor atmospheric corrosion for indoor and outdoor applications and modeling of atmospheric corrosion.

Guest Editor

Prof. Dr. Dominique Thierry

Rise Research Institute of Sweden, Göteborg, Sweden

Deadline for manuscript submissions

31 October 2025



Corrosion and Materials Degradation

an Open Access Journal
by MDPI

CiteScore 4.5
Tracked for Impact Factor



mdpi.com/si/215583

*Corrosion and Materials
Degradation*

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cmd@mdpi.com

mdpi.com/journal/

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





Corrosion and Materials Degradation

an Open Access Journal
by MDPI

CiteScore 4.5
Tracked for Impact Factor



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Raman Singh
Departments of Mechanical & Aerospace Engineering and Chemical
Engineering, Monash University, Melbourne, VIC 3800, Australia

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 19.1 days after
submission; acceptance to publication is undertaken in 3.7
days (median values for papers published in this journal in
the second half of 2024).

Journal Rank:

CiteScore - Q2 (Materials Science (miscellaneous))