



Fundamental and Research Frontier of Atmospheric Corrosion

Edited by

Manuel Morcillo

www.mdpi.com/journal/materials

ISBN 978-3-03842-643-1 (print) • ISBN 978-3-03842-642-4 (electronic)

Metallic corrosion is an expensive problem in industrialised countries, creating annual costs that are equivalent to around 3.5% of GDP. More than half of this amount is attributable to atmospheric corrosion. A large amount of scientific and technical literature has been published in the field of atmospheric corrosion, and numerous books and many general treatises have focused on this topic. In the period between 1970-2000 ASTM-STP made great efforts to disseminate progress in this field through the periodic publication of monographies and organisation of symposia on atmospheric corrosion. This special issue of Materials (MDPI) brings together the state of the art in this field, highlighting the advances made in the last fifteen years and identifying the areas where future research will need to concentrate. This publication is intended not only for researchers in the field of atmospheric corrosion, but also for technicians in charge of the design and maintenance of metallic items or concerned with their integrity and duration in the atmosphere.



MDPI Books publishes high quality monographs (short or full-length), edited books, proceedings, doctoral theses and Special Issue books in open access. Authors pay a Book Processing Charge (BPC) and are asked to accept the Copyright Agreement. MDPI Books are published under Creative Commons licenses (CC BY-NC-ND). If you are an author and interested in publishing with us, please see the submission information and contact books@mdpi.com.



Open Access

Scholarly work is accessible worldwide without any restrictions: in comparison with traditional book printing, open access publications save costs, space and time.



High Quality

MDPI ensures a thorough peer-review for all published items.



Rapid Publication

MDPI offers a fast but precise editorial and publication procedure.



Print on Demand

Books are available for purchase at any time and reduction of costs by a modern print-on-demand procedure.



Different Formats

Authors benefit from our hybrid publishing service, which offers the possibility to not only receive a digital format, but also a printed version of your work.



High Visibility; Fast and Wide Dissemination

Global network (including the USA, Europe, and Australia) and well-known channel partners (e.g., Amazon); registration in the Directory of Open Access Books (DOAB).