Publish Your Corrosion Experiences

MP invites submissions of technical articles, news items, and cover photos

Kathy Riggs Larsen, Associate Editor

As the world’s largest circulation journal exclusively dedicated to corrosion, Materials Performance is committed to providing corrosion professionals in many industries around the globe with timely information on the latest technologies and practical solutions for corrosion prevention and control. To successfully communicate the wide variety of corrosion-related issues affecting corrosion professionals today, as well as the viable strategies that many have utilized to mitigate corrosion, MP actively encourages readers from all nations to submit technical articles, news stories, and photographs for publication so their corrosion-related experiences can be shared with over 34,000 NACE International members worldwide.

Article Content

MP readers include engineers and technicians searching for workable solutions to their corrosion problems. To meet their needs, MP editors look for articles on practical applications, as well as case histories, failure analyses, first-hand design and fabrication experiences, and personal experiences with the use of new materials and technologies. Equally valuable are the articles on experiences with materials, technologies, and programs that do not work or are not cost-effective.

Technical Articles

MP accepts articles focusing on corrosion-related topics that support one of its four main categories: coatings and linings; cathodic protection; chemical treatment; and materials selection and design. This includes case histories, failure analyses, and Phorgotten Phenomena, which should summarize a field experience and include descriptions of the problems involved, the remedies selected, and the outcomes. Examples include, but are not limited to:

- Coatings and linings—pipelines, tanks, marine structures, industrial equipment, floors, towers, bridges, and other infrastructure
- Cathodic protection—pipelines, tanks, buried foundations, reinforced concrete, ship hulls, pilings, and submerged and above-grade structures in a saltwater environment
- Chemical treatment—pipelines, industrial facilities, and municipal water and wastewater systems
- Materials selection and design—metals, plastics, fiberglass, and other nonmetals

To be considered for publication, technical articles should meet one or more of the following requirements:

- Describe a new or improved means of solving a corrosion problem
- Describe a field or failure analysis that illustrates the rationale in materials selection, control methods, or inspection technology
- Correlate and summarize previously published information to emphasize its value in solving a practical problem

Content should cover the topic in depth, and contain information such as procedures or tests used and the resulting data. An article should include an abstract, introduction, and conclusion. Text must support and justify the conclusions; however, articles do not need to contain detailed scientific equations, extensive chemical formulas, or comprehensive structural analyses. Authors are encouraged to submit simple, easy-to-read graphs and/or high-resolution (300 dpi or higher) photos or micrographs of corroded materials or failed components that correspond with the topics or events discussed.

Article submissions, including abstract, conclusion, and references, should not exceed a total of 2,000 words. Abstracts should not exceed 60 words; the total number of tables, figures, and photos should not exceed six; and no more than 15 references should be used. References must be complete and follow the NACE International Publications Style Manual, which can be downloaded from the NACE Web site. A biographical sketch for each author should be included (not to exceed...
100 words), and contain the author’s company name, address, and e-mail address (publication of e-mail addresses are at the discretion of the author).

Technical articles can also be based on NACE conference papers, but they need to be edited before submission to conform to MP article guidelines and style requirements. Authors must notify MP if any portion of an article has been previously published. Full references and documentation of permission to use such material must be submitted with the manuscript. Articles published in MP become the property of NACE.

All measurements must be noted in metric units of measure. Specific references to previously published work, including standards, must be denoted within the article and listed in the references according to NACE style. Draft standards may not be mentioned in references. Generic terms must be used whenever possible. All trade names must be identified as such. Alloy designations must include generic descriptions and UNS numbers. The name of the author’s employer or any trade names may not be mentioned in the text more than once. Trade or employer’s names may not appear in the abstract, tables, figures, or captions. Technical articles promoting proprietary products or processes for commercial purposes will not be accepted for publication.

**News Items**

For the Material Matters and Product Showcase sections of the magazine, MP’s editorial staff accepts news releases (as well as high-resolution photos and figures) that describe new or unusual corrosion findings, cutting-edge mitigation/prevention technologies, and innovative products or systems. Company announcements, including personnel news and photos, are accepted for the Company News section. The editors also welcome NACE member news, including NACE Area and Section event news.

**Editorials and Viewpoints**

Editorial and Viewpoint submissions should succinctly express the reader’s opinion or experience on a timely corrosion subject (not to exceed 500 words).

**Letters to the Editor**

Readers are invited to send their comments, suggestions, and responses to MP articles and technical Q&A. Letters may be edited for style and length.

**Cover Photos**

The editorial staff is always looking for photos that illustrate a corrosion story, especially those pertaining to the themes in the editorial calendar. Action photos or application scenes of a corrosion prevention method are preferred. Some examples include shots that depict pipelines; coatings; manufacturing or processing facilities such as refineries or power plants; offshore structures; bridges; and other infrastructure.

Photos must be large (image size ~8.5 by 11 in [216 by 279 mm]), vertically oriented, four-color, and high quality. Company and product names must not be visible (the NACE graphics staff can touch-up photos if needed). Brochure images and color photocopies will not be considered. High-resolution JPG, BMP, TIF, PDF, PNG, and EPS files are acceptable. A detailed caption must accompany each photo. Selected photos will also be featured on the magazine’s table of contents with a caption and credit line for the organization and photographer.

There are no charges for publication or payments made for accepted articles or photographs. A courtesy copy of MP can be requested for published material, and reprints are available for a nominal fee.

**How to Submit**

New items, editorials, and letters to the editor can be e-mailed to Managing Editor Gretchen Jacobson at gretchen.jacobson@nace.org. The MP staff requests that all technical articles and accompanying artwork be submitted through MP’s online Paper Tracker system, which can be accessed through the NACE Web site at www.nace.org/MP_PaperTracker. Authors
Meet MP’s Technical Editors

John H. Fitzgerald III, FNACE

John Fitzgerald has been involved in corrosion work since 1958 and a NACE International member for 51 years. For him, corrosion mitigation is a safety issue—it is crucial for protecting systems and equipment from explosions and fires, and the environment from pollution—and he has found personal satisfaction in devoting his career to safety and the preservation of our world’s resources.

Fitzgerald started in the corrosion control industry with Columbia Gas Service Corp. and Ohio Fuel Gas Co. Most recently he served as a consultant for Corpro Companies, Inc. (Medina, Ohio) after his retirement from the company in 2000, where he spent more than 36 years in various capacities supporting the growth of the company and advancing corrosion technology. During his career, Fitzgerald served as a project executive overseeing surveys and corrosion control design for many facilities including industrial plants, airports, and rail transit systems. A NACE-certified Corrosion Specialist, he is experienced in corrosion of pipelines, tanks, and other underground and submerged structures; atmospheric corrosion of towers, bridges, and buildings; cathodic protection; stray current control; and building water piping systems.

Fitzgerald graduated from Yale University School of Engineering in 1955 with a Bachelor Degree in mechanical engineering, and is a registered Professional Engineer. Fitzgerald served as NACE president from 1990 to 1991 and is a past general chairman of the Appalachian Underground Corrosion Short Course (AUCSC). He is a NACE Fellow and a recipient of the NACE Mars Fontana Award, T.J. Hull Award, and the Outstanding Service Award, as well as the AUCSC Colonel Cox Award.

Since 2000, Fitzgerald has served as the technical editor of MP. He comments that the most challenging aspect of corrosion control is the constant growth in corrosion knowledge and mitigation methods, all of which require continued education and learning. As technical editor, he looks for technically sound articles that provide practical solutions for solving corrosion problems and will be useful to readers.

Norman J. Moriber

Norman Moriber has been involved in the corrosion control industry since 1973 and a NACE member for 33 years. He was initiated into the world of corrosion as a field and staff engineer with a satellite office of A.V. Smith/Professional Services Group in Hartford, Connecticut, moving to PSG offices outside Philadelphia and Waters Consultants in San Diego and the San Francisco Bay Area through 1990. As a young corrosion professional, he focused on the benefits of environmental protection and public safety, and over the years he expanded his focus to include resource and asset preservation.

He worked at ConCeCo Engineering in Concord, California from 1991 to 2001. Since 2001, Moriber has served as chief engineer for Mears Group, Integrity Solutions Division (San Ramon, California). His areas of specialization include cathodic protection design and evaluation; external corrosion direct assessment (ECDA), with a focus on cased piping; and stray current evaluation and mitigation. He notes that the variety of disciplines he has experienced throughout the years helps him keep a fresh approach to corrosion control.

Moriber graduated in 1969 from the Massachusetts Institute of Technology with a Bachelor of Science degree in mechanical engineering, and he is a registered Professional Corrosion Engineer in California. From 1991 to 1994 he served on the NACE Board of Directors as Western Region director, and has served as chair of the Public Affairs Administrative Committee. A member of the MP Editorial Advisory Board since 2001, Moriber has edited the “Corrosion Basics” column since 2007 and authored a monthly column, “Out of the Norm,” from 2001 to 2006. He is a recipient of the NACE R.A. Brannon Award, Distinguished Service Award, Western Area R.J. Stratfull Award, and Western Area Engineer of the Year Award.

As the newest MP technical editor—he started the position in July 2014—Moriber plans to foster technical content for the magazine with a readability that extends to audience members who may not regularly work in the specialties addressed by individual articles, and he appreciates manuscripts where the key principles and results are presented so that the reader understands the scope of the topic and its significance. For him, subject matter that will interest the magazine’s broad readership is also important, and he comments that article submissions that cover a new topic or a new approach are likely to catch his eye.
can then track the status of a submitted technical article to determine whether it has been sent to the technical editors, is in review, or accepted for publication. The technical editors also use the paper tracking system to notify the author if revisions are needed. To be considered for a specific MP issue, technical articles should be submitted at least seven months in advance of the publication date for that issue.

**The Approval Process**

Upon online submission, articles are forwarded to the MP technical editors. The technical editors then review the articles and notify the primary or corresponding author within three months of submitting an article online of the article’s status—whether it is accepted for publication, that additional work is needed before the manuscript can be accepted, or it is rejected. Upon acceptance, the technical editors select the appropriate issue for publication and the author will be advised of the publication date. Articles are typically scheduled for publication in an issue where the article content best supports the editorial theme (see p. 53 for the 2015 MP Editorial Calendar). All articles are edited for grammar, technical language, and conformance with NACE style; and the primary author is provided with a final proof to review prior to publication.

Author guidelines and the *NACE International Publications Style Manual* can be downloaded from the NACE Web site at www.nace.org/MPMag-submit-article. For more information, contact Gretchen Jacobson, managing editor—e-mail: gretchen.jacobson@nace.org; Kathy Larsen, associate editor—e-mail: Kathy.larsen@nace.org; John Fitzgerald, technical editor—e-mail: jhfitz3@aol.com; or Norm Moriber, technical editor—e-mail: Norm.Moriber@Mears.net. **MP**