

Communicate your Science: Scientific Writing

Dr. Mahyar Mohtadi

MARUM – Center for Marine Environmental Sciences



13 - 14 November 2025

09.00 – 17.00 hrs.

MARUM I, room "Mediterranean Sea"

Objectives / learning outcomes

In this course, you will learn the essential criteria for a good paper and how to write a clear and concise article that will appeal to a broad audience. All sections with exercises!

Topics

1. Writing style:	readability, focus and flow, transitions, improving writing style
2. Title and abstract:	criteria for a good title/abstract, what to use/avoid when writing titles and abstracts
3. Main text:	what to include in/exclude from, each section of the paper, how to effectively organise the ideas, creating a narrative flow to help readers follow your argument
4. Data management:	correct recording, sharing and preserving; managing and sharing of your data
5. Data presentation:	principles of creating clear and informative figures, tables and captions for your paper
6. Authorship and responsibilities:	authorship and author order, acknowledgement, scientific integrity
7. Selecting a journal:	criteria, priorities, checklist
8. Submission:	cover letter, useful information without repeating the abstract
9. Peer review:	different models, referee selection, suggestions
10. Decisions:	distinguish and interpret the different types of editorial decisions, rebuttal and appeal letters, post-acceptance
11. Plagiarism and ethical issues:	different types of misconduct, correction or retraction, information and advice

Target group

Doctoral researchers in the marine natural and engineering sciences

Requirements

Please bring a laptop to the course

The trainer



Mahyar Mohtadi is a senior researcher at MARUM and principal investigator of the group "Low Latitude Climate Variability". He brings more than twenty years of experience in scientific writing and publishing. His publication record shows nearly 100 papers, nine of which have been published in Nature. Mahyar also brings extensive knowledge and experience in writing research proposals and reviews.

Registration

To register for this course, please visit

<https://www.marum.de/en/research-academy/2025/2025-11-13.html>

Please note that your registration will be binding.

If we don't receive a critical number of registrations by **30 October 2025**, the course will have to be cancelled.

Please direct any enquiries about this event to research-academy@marum.de.