

Good Scientific Practice

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MARUM – Center for Marine Environmental Sciences, University of Bremen

25 March 2025

09.00 – 17.00

MARUM I, room 2070



Objectives

Good scientific practice, or research integrity, is crucial in every area of science. It helps build trust and collaboration among researchers and ensures the public can rely on scientific findings. Unfortunately, this integrity can sometimes be compromised, whether through deliberate dishonesty, carelessness in research methods, or mishandling of data.

This course offers a clear introduction to the core principles of good scientific practice. We'll explore both intentional and unintentional misconduct in research, as well as the tricky "grey areas" that can sometimes arise.

In addition, we'll explore the role of AI tools in scientific research, discussing how they can enhance research practices while also raising important questions about ethics, data integrity, and responsibility.

The course is designed to be interactive, with plenty of opportunities for participants to ask questions, share thoughts, and discuss any uncertainties with both the instructors and fellow scientists.

Topics include

- Ethical principles in the scientific process
- Rigor and reproducibility
- Publication ethics, authorship
- How to avoid common pitfalls
- Images and intellectual property rights
- Use of artificial intelligence tools
- What to do if you witness scientific misconduct

Target group

Everyone who is interested in the topic

Registration

To register for this course, please visit

<https://www.marum.de/en/research-training/2025/2025-03-15.html>

Please note that your registration will be binding.

If we don't receive a critical number of registrations by **14 March 2025**, the course will have to be cancelled.

Please direct any enquiries about this event to early-career@marum.de.