

Scientific Writing for Planetary Health

Summer Semester 2025

When: Tuesday, 9-11 am CET, starting 16th April 2024

Location: Room 1.31, 1st Floor, Prieserstraße 2, UBT

Content: The course will introduce the basics of scientific writing. It will consist of overview presentations about essential elements, including writing an introduction, methods, results, and conclusion section, visualising results, writing an abstract, and developing a title. In addition, students will learn about different types of journals, factors to consider when selecting a journal, the peer-review process, and how to respond to reviewer comments. Each class will consist of a theoretical introduction to these topics, and the practical application of this knowledge. In addition, most classes will include a group presentation of students, discussing an existing paper in the field of planetary health.

	Topic
29.04.	1. Introduction and Course Overview 2. Questions on structure of course 3. Group assignment
06.05. (online)	Pitch Presentations <ul style="list-style-type: none"> - Journal club papers: paper ideas (3 mins per group) - Elevator pitch of research ideas (3min) (incl problem statement, methodology, results)
13.05 (online)	1. Journal club: Two students present selected publication (30 mins) 2. Input and Q&A: Writing an Introduction + referencing (30 mins) 3. Work: in class (30 mins): students start to work on introduction
20.05.	1. Journal club: Two students present selected publication (30 mins) 2. Presentation and revision of introduction (30 mins): one student presents his/her introduction 3. Input and Q&A: Writing the methods (30 mins)
27.05.	1. Journal club: Two students present selected publication (30 mins) 3. Presentation and revision of methods (30 mins): one student presents his/her methods 2. Lecture and Q&A: Writing the results (30 mins)
03.06.	1. Journal club: Two students present selected publication (30 mins) 2. Presentation and revision of results (30 mins): one student presents his/her results 3. Input and Q&A (30min): Visualising results (graphs, tables, maps, etc.)

10.06	No seminar
17.06.	<p>1. Journal club: Two students present selected publication (30 mins)</p> <p>2. Presentation and feedback on visualisations (30 mins): one student presents hier/her visualisations</p> <p>3. Input and Q&A (30min): Writing the discussion</p>
24.06.	<p>1. Journal club: Two students present selected publication (30 mins)</p> <p>2. Presentation and feedback on the discussion (30 mins): one student presents hier/her discussion</p> <p>3. Input and Q&A (30min): Writing the conclusion</p>
01.07.	<p>1. Journal club: Two students present selected publication (30 mins)</p> <p>2. Presentation and feedback on the conclusion (30 mins): one student presents hier/her conclusion</p> <p>3. Input and Q&A (30min): Writing a title and an abstract</p>
08.07	<p>1. Journal Club: Two students present selected publication (30 mins)</p> <p>2. Presentation and feedback on the abstract (30 mins): one student presents hier/her title and abstract</p> <p>3. Input and Q&A (30min): Review Process, Responding to reviewer comments</p>
15.07	<p>1. Peer review presentation: Seven students presents comments on their papers and how they responded (60 mins)</p> <p>2. Input and Q&A (30 mins): Selecting a Journal: Aims & Scope, Impact, Types of publications, Rejection Rate, Open Access / Time until Decision</p>
22.07	<p>1. Peer review presentation: Seven students presents comments on their papers and how they responded (60 mins)</p> <p>2. Feedback and Wrap-up</p>

List of preparatory reading

- [The Lancet 2015: Planetary health: a new science for exceptional action](#)
- [Transdisciplinary Research Priorities for Human and Planetary Health in the Context of the 2030 Agenda for Sustainable Development](#)
- [Writing a scientific article: A step-by-step guide for beginners](#)
- [HERA EU Research Agenda](#)