

TRR 181 NEWSLETTER

December 2025



Energy Flow

@Fall Adobe Stock, sanchesnet1

Dear project members of the TRR 181,

We are pleased to present you with a new edition of our internal newsletter. This update serves to inform you of recent developments and upcoming events within our community.

After entering the third phase of the TRR in 2024, 2025 was marked by a large number of new hires. A warm welcome to all new TRR 181 members!

Other highlights included the Spring School in Plön, the Fundamentals Courses at the Altonaer Museum Hamburg and the Übersee-Museum Bremen, and our Annual Retreat in Bremerhaven. These events were made possible by your active participation. You not only contributed to the achievement of our common research goals, but also strengthened the sense of community within our project. Furthermore, our seminar series has continued to foster meaningful discussions and innovative thinking across our diverse fields.

For 2026, there are many upcoming events and opportunities for engagement in research and outreach to look forward to. Further details will be shared in due course.

Wishing you all a peaceful holiday season and a successful start to the new year.

Kind regards,

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Connect & Share: Outreach

Art and Science on a Wall: Mural Project

As part of our Art & Science project, we are collaborating with Berlin-based artist collective Innerfields to create a mural on the Bundesstraße, in Hamburg facing our campus. Lena, Han and Stefan will contribute to developing the content this winter. In June and July, the mural will be painted, reflecting scientific themes in a visual story that connects research with the society. This project combines artistic expertise with scientific insights to produce a high-quality, engaging artwork that enhances public understanding of our research.



Showcasing our Research: Exhibition in 2028

To conclude 12 years of work in TRR 181, we're organizing an exhibition in early 2028, showcasing our achievements and outreach projects. The exhibition is being prepared by a small team of scientists in collaboration with an exhibition design agency. Details will be worked out at a kick-off workshop on 13 February 2026. Are you interested in participating?

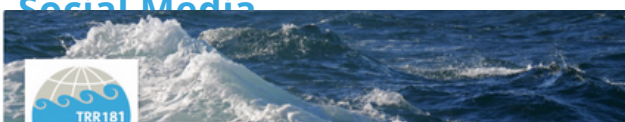
Please contact Lioba.

Introducing the People: Our Concept

We are launching a new series featuring the inspiring people behind TRR 181, and we want you to join! Showcase your work, connect with researchers, and motivate others. Your spotlight will be posted on our webpage and LinkedIn. Are you interested?

Please contact Alicja!

Making Research Accessible: Social Media



TRR 181 "Energy Transfers between
Ocean and Atmosphere"

LinkedIn

We already have over 260 followers! Topics: publications, events, project members, research stays and more!

Help us by tagging and sharing!

YouTube

Over 900 subscribers! Our channel you can find many interesting videos, including recordings from our seminar series.

News You Shouldn't Miss

Australian Research Visit



Zoi Kourkouraidou attended the CLIVAR Workshop in Australia and subsequently visited the Climate and Fluid Physics Group at Australian National University in Canberra, engaging in seminars, touring their experimental laboratory, and participating in outdoor activities, thereby enriching her scientific in-sights and cultural experience. Read more [here](#).

Award Recognition for Ocean Modeling Innovation

Tridib Banerjee received the prestigious Bremen Dissertation Award for his groundbreaking research on identifying and quantifying spurious mixing in ocean models, significantly enhancing the accuracy of climate simulations. This recognition highlights his important contributions to advancing climate modelling research. Read more [here](#).

Summer School: Fluid Dynamics for Sustainability

Marika Federer and Boris Shapkin attended a two-week summer school in fluid dynamics at Churchill College in Cambridge, organised by the Department of Applied Mathematics and Theoretical Physics in collaboration with École Polytechnique. The programme featured lectures and practical exercises on climate-related fluid dynamics, fostering insights and international collaboration. Read more [here](#).

Research Collaboration in Japan



Henning Franke reflects on his trip to Japan, where he engaged with local climate modellers, participated in workshops, and explored Japanese culture. He exchanged knowledge and advanced his project on energy transfer. Read more [here](#).



Get Inspired: Seminar Series Ahead

During the seminar series, guests give presentations on various topics of interest to TRR members. The presentations are held in a hybrid format, and recordings are posted on our YouTube channel. The next dates in 2026 are: 8 January (Ian Grooms) and 22 January (Ton Van den Bremer). All project members are invited to suggest speakers.

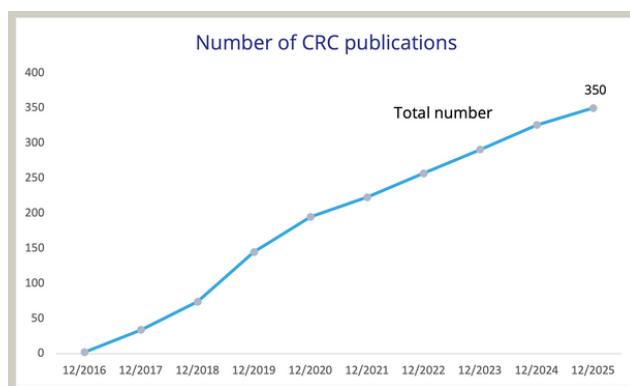
Please contact Lioba!



Spotlight: Publications 2025

This year, our research project has published more than 25 publications! Congratulations on this great achievement! You can explore all the [publications](#) on our webpage.

Please announce your publications!



Coordination in Action

Project Coordination:

- Project progress: Board meetings and publications
- Internal administration processes: Guests and travel
- Gender and Diversity



Johanna Cordes

- Finances (budgeting, controlling, reporting)
- RTG



Lioba Thaut

- Outreach
- Event management

Student Assistance:



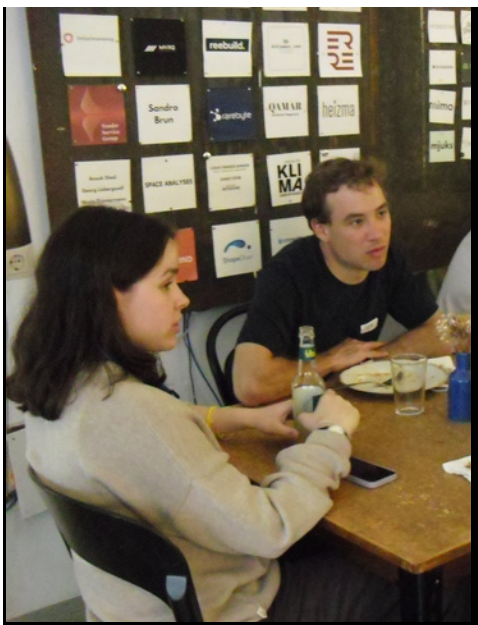
Celine Gradwohl

- Webpage management
- Surveys etc.



Alicja Julia Kucewicz

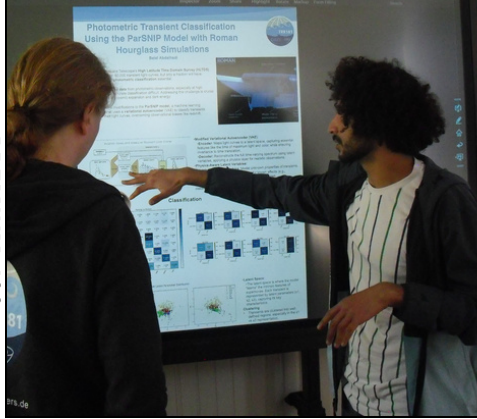
- Assistance events
- Introduction project members



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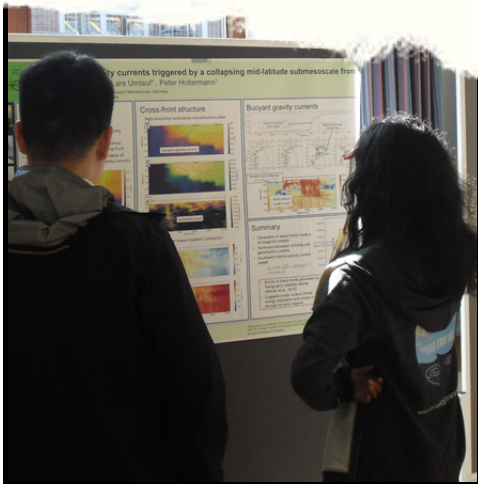
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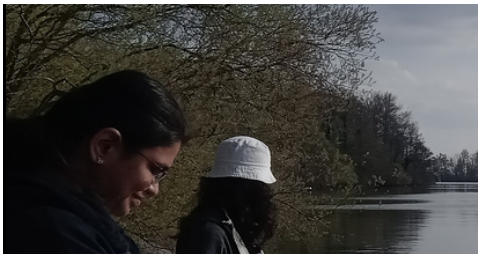
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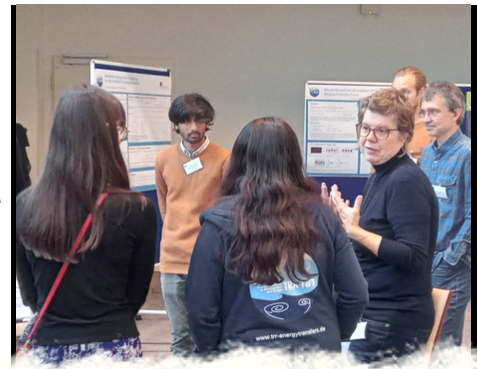
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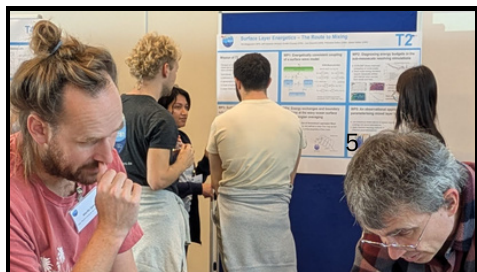
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2025 Recap in Pictures

Get Ready: 2026 in a Loop

**30 March until
2 April**

Spring School
Lauenburg

**28 April until
30 April**

Eddy Wave Meeting
Hamburg

**28 September until
30 September**

Annual Retreat
Timmendorfer Strand



*Wishing you a joyful
holiday season, a happy
festive period, and all the
best for the New Year!*



Inprint:

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