



Universität Hamburg
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SCHOOL OF INTEGRATED
CLIMATE AND EARTH
SYSTEM SCIENCES

School of
Integrated Climate and Earth System Sciences
(SICSS)

14th SICSS Doctoral Retreat

with special focus on
“ The Leadership ”

May 30 – June 1, 2023

In Lauenburg (Zündholzfabrik)

SICSS Retreat Programm 2023

Tuesday, May 30, 2023

- From 09:00** **Arrival & check-in**
- 09:45 – 10:15** **Welcome & general announcements (A. Eschenbach, A. Franzke, B. Hachfeld)**
- 10:15 – 11:00** **Getting to know each other; Speeddating**
- 11:00 – 11:15** **Coffee Break**
- 11:15 – 11:45** **New SICSS members introduce themselves (10 per session):**
- 11:45 – 12:30** **Discussion of criteria for an excellent talk (doctoral speaker)**
- 12:30 – 14:00** **Lunch Break**
- 14:00 – 15:15** **Session 1: Talks of SICSS members in their final year (chair: Session 4) - PARALLEL**
(each talk 12-15 min + 5 min discussion + 3 min voting)

Emilie D’Amico <i>Globalization of urban climate governance and the making of climate neutral cities.</i>	Christopher Pavenstädt <i>The relevance of future-making - Climate Movements, Strategic Narratives and Climate Politics in Germany and the US</i>
Leam Martes <i>Carbon sequestration through forest management in a changing climate</i>	Chathurika Wickramage <i>Sensitivity of MPI-ESM Sea Level Projections to its Ocean Spatial Resolution</i>
Stefan Baltruschat <i>The treasure beneath our feet - Maintaining groundwater quality under a changing climate</i>	Juliana Freitas Santos <i>The biogeophysical influences of Land Use and Land Cover Changes on the climate in South Asia and the Himalayas</i>

- 15:15 – 15:45** **Coffee break & Group Picture**
- 15:45 – 16:00** **Introduction to the main topic ‘The Leadership’**
- 16:00 – 17:30** **Movie screening ‘The Leadership’**
- 17:30 – 18:30** **Working groups on selected citations of the movie**
- 18:30** **Dinner**
- 19:30** **Working groups continue**

If interested, we can take a walk along the river. There is a small beach also.

Wednesday, May 31, 2023

09:00 – 09:30 **New SICSS members introduce themselves (10 per session)**

9:30 – 10: 45 **Session 2: Talks of SICSS members in their final year (chair: Session I) - PARALLEL**
each talk 12-15 min + 5 min discussion + 3 min voting)

Shubhankar Sengupta <i>Agent-Based Modelling of Coastal Urban Dynamics</i>	Ivo Kashimana Amanda <i>Impacts of land use change on food security and biodiversity in Nigeria</i>
Tania Guillén Bolaños <i>What are the potential ways of improving assessments of progress on climate adaptation?</i>	Lea Fink <i>Modelling transport and transformation of aerosol particles from ship exhaust</i>
Finn Burgemeister <i>Uncertainty Analysis of a High-Resolution Precipitation Product Estimated from Weather Radar Observations</i>	Ya-Qing Zhan <i>Cultural of responses: Wind resilience on Penghu Archipelago, Taiwan</i>

10:45 – 11:15 **Coffee break**

11:15 – 12:30 **Presentation of the results of the working groups from the fim screening**

12:30 – 14:00 **Lunch Break**

14:00 – 15:00 **Session 3: Talks of SICSS members in their final year (chair: Session I) - PARALLEL**
each talk 12-15 min + 5 min discussion + 3 min voting)

Seyed Hosseini <i>Estuarine Hydrodynamics in an Arid Climate</i>	Coral O'Brian <i>Climate and Forest Futures in Flagstaff, Arizona.</i>
Jana Lüdemann <i>Agriculture, Rurality and Climate under change - futures in the making in Vinschgau, South Tyrol</i>	Leonardo Galera <i>Temperature sensitivity of small-scale key biogeochemical processes in the Arctic".</i>

15:00 – 16:00 **Presentation of the results of the working groups from the fim screening**

16:00 – 16:30 **Coffee break**

16:30 – 18:30 **Lauenburg walking tour (2 tours) / museum (1 tour): each group 25 participants**

18:30 – 19:30 **Dinner**

19:30 – **Optional offer by the hereon (Volker Dzaak): Werft tour, where the new research vessel is being built, which will run on hydrogen**

Thursday, June 1, 2023

09:00 – 10:15 **Session 4: Talks of SICSS members in their final year (chair: Session 2) - PARALLEL**
 (each talk 12-15 min + 5 min discussion + 3 min voting)

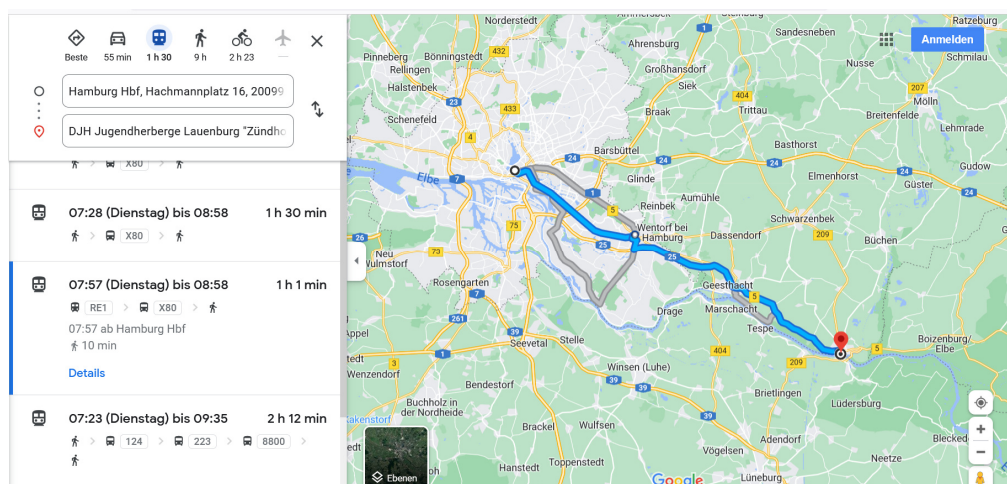
<p>Lea Schröder <i>Shifting cultivation patterns in Northeast India - an interdisciplinary study on the future of upland subsistence farming</i></p>	<p>Jose Carlo Tello <i>Land discourses in Amazonia: the spoken and silent perspectives</i></p>
<p>Inga Sievert <i>What is the forest (and why does it matter)? An ethnographic perspective from the Harz Mountains</i></p>	<p>Muhammad Mobeen <i>"Climate Change Adaptation and Disaster Response of the irrigated agriculture of the Indus Plains, Pakistan: An Empirical and modeling insight."</i></p>
<p>Yunyao Ma <i>Predicting the functional diversity of non-vascular vegetation using a process-based model</i></p>	<p>Louisa Bell <i>Assessment of extreme cold events: linking local-scale events to synoptic-scale patterns and investigating their influence on street-level dynamics within an urban area."</i></p>

- 10:15– 10:45** **Coffee break & check out**
- 10:45 – 11:45** **Election of new doctoral speakers**
- 11:45 – 12:30** **Honoring of the best talks of this retreat**
- 12:30 – 13:30** **Lunch Break**
- 13:30 – 14:30** **Feed back & wrap up round**

END OF 14th SICSS RETREAT 😊

Journey to Lauenburg on May 30, 2023

see here: <https://www.conferences.uni-hamburg.de/event/326/>



CEN School of Integrated Climate and Earth System Sciences (SICSS)
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- (a) start from HH central bus terminal (ZOB): 7:28 am – 8:58 am
- (b) start from HH Central station with Regionalbahn via Bergedorf, then bus: 7:57 am – 8:58 am