



Universität Hamburg
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CLUSTER OF EXCELLENCE
CLIMATE, CLIMATIC CHANGE,
AND SOCIETY (CLICCS)

School of Integrated Climate and Earth System Sciences (SICSS)

13th SICSS Doctoral Retreat

with special focus on
“science communication”

May 30 – June 1, 2022
In Brodten, Travemünde

CEN School of Integrated Climate and Earth System Sciences (SICSS)
CLICCS · Universität Hamburg

www.sicss.uni-hamburg.de · www.cliccs.uni-hamburg.de

SICSS Retreat Programm 2022

Monday, May 30, 2022

- 10:30 – 11:00** Welcome & general announcements (A. Eschenbach, A. Franzke, B. Hachfeld)
- 11:00 – 11:45** Getting to know each other, Part I
- 11:45 – 12:15** Discussion on criteria for an excellent talk (PhD speaker)
- 12:15– 13:30** **Lunch Break**
- 13:30 – 14:45** **Session 1: Talks of PhD in their final year (chair: Session 4) - PARALLEL**
(each talk 12-15 min + 5 min discussion + 3 min voting)

<p>Alexandre Pereira Santos <i>“The Nexus of Urbanization and Risk Exposure: Assessing vulnerability and adaptation to natural shocks through formal and informal urban development modelling in Brazil”</i></p>	<p>Lutz Beckebanze <i>“Stories from the Russian Arctic”</i></p>
<p>Annika Nolte <i>“Data-driven analysis of the hydrogeological behavior of coastal aquifers”</i></p>	<p>Suman Halder <i>“Realizing the impacts of early vegetation on biogeochemical cycles through a process-based model”</i></p>
<p>Alexander Schütt: <i>“The thirst of young street trees (and PhD students) and how we can handle it in the future!”</i></p>	<p>Ge Cheng <i>“Parameterization of canopy processes for atmospheric models”</i></p>

- 14:45 – 15:30** **Coffee break (+ time to move into your rooms)**
- 15:30 – 16:45** **Session 2: Talks of PhD in their final year (chair: Session I) - PARALLEL**
each talk 12-15 min + 5 min discussion + 3 min voting)

<p>Miriam Fuß <i>“Greenhouse gas fluxes from a Wadden Sea salt marsh”</i></p>	<p>Yechennan Peng <i>“Energy transition towards carbon neutral in the Yangtze River Delta Region of China”</i></p>
<p>Thao Ngyuen <i>“On the variability of the coastal extremes and the predictive capacities of the coupled model system”</i></p>	<p>Michael Tanner <i>“Deforestation, Institutions, and Property Rights: Evidence from land titling to indigenous peoples and local communities in Ecuador”</i></p>
<p>Jan Kossak <i>“Impact of tides on the North Western European shelf carbon pump”</i></p>	<p>Linda van Garderen <i>“Climate change attribution of extreme weather events using spectrally nudged event storylines”</i></p>

- 16:45 – 17:15** **Coffee break**
- 17:15 – 18:30** **Getting to know each other, Part II**
Group forming for communication workshop on Tuesday
- 18:30** **Dinner**
- 19:30** **Evening activity: fireplace + Stockbrot / Walk to the beach**

Tuesday, May 31, 2022

- 09:00 – 10:30** **Introduction to science communication (Michael Bucker)**
- 10:30 – 11:00** **Coffee break**
- 11:00 – 11:45** **Sub Groups I + II Social media & Writing**
Introduction to science communication in social media & Writing

Subgroups III+IV speaking & presenting prepare for their sessions meanwhile
- 12:00 – 12:45** **Sub Group III + IV speaking & presenting**
Introduction Radio Interviews / Streitgesprach Buhne /science slam

Subgroups I+II social media & writing start to work on their projects
- 12:45 – 14:15** **Lunch Break**
- 14:15 – 15:30** **Group Work supported by Michel Bucker & Stephanie Janssen (CEN Office)**
- 15:30 – 16: 00** **Coffee break in between**
- 16:00 – 17:30** **Continuation group work, preparation of presentation**
- 17:30 – 18:30** **Presentation of subgroups I**

We will have a friendly and relaxing atmosphere for the presentation
- 18:30 – 19:30** **Dinner**
- 19:30 – 20:30** **Presentation of subgroups II**

We will have a friendly and relaxing atmosphere for the presentation

End of this session is flexible

Wednesday, June 1, 2022

09:00 – 09:45 **Session 3: Talks of PhD in their final year (chair: Session 2) - PARALLEL**
(each talk 12-15 min + 5 min discussion + 3 min voting)

Thomas Frisch <i>"Does corporate climate reporting foster or hinder climate action?"</i>	Aljoscha Minnich <i>"Essays in Behavioral and Experimental Economics"</i>
Christina Asmus <i>"Modeling the effects of irrigation on land-atmosphere interactions"</i>	Benedikt Seitzer <i>"Resolving urban canopy flows: Scales and turbulence in obstacle-resolving numerical models"</i>

09:45 – 10:30 **Discussion of important SICSS Topics**

Writing Club / Seminar Series / Geventis / APM report in smaller subgroups

10:30– 11:00 **Coffee break & check out**

11:00 – 11:45 **Session 4: Talks of PhD in their final year (chair: Session 3) - PARALLEL**
(each talk 12-15 min + 5 min discussion + 3 min voting)

Zheguo Zhang <i>"Climate field reconstructions using machine learning method"</i>	Gesa Schulz <i>"N-turnover and its dependence on water column properties"</i>
Eva Ostertag <i>"Germination in salt marshes under experimental warming"</i>	Amit Basukala <i>"Closing yield gaps of major crops in Nepal: The role of irrigation and fertilizer application"</i>

11.45 – 12:30 **Election of new PhD speakers**

12:30 – 13:30 **Lunch Break**

13:30 – 13:45 **Honoring of best talks of this retreat**

13.45 – 14:30 **Feed back & wrap up round**

END OF 13th SICSS RETREAT 😊