



GEOGRAPHISCHES  
INSTITUT

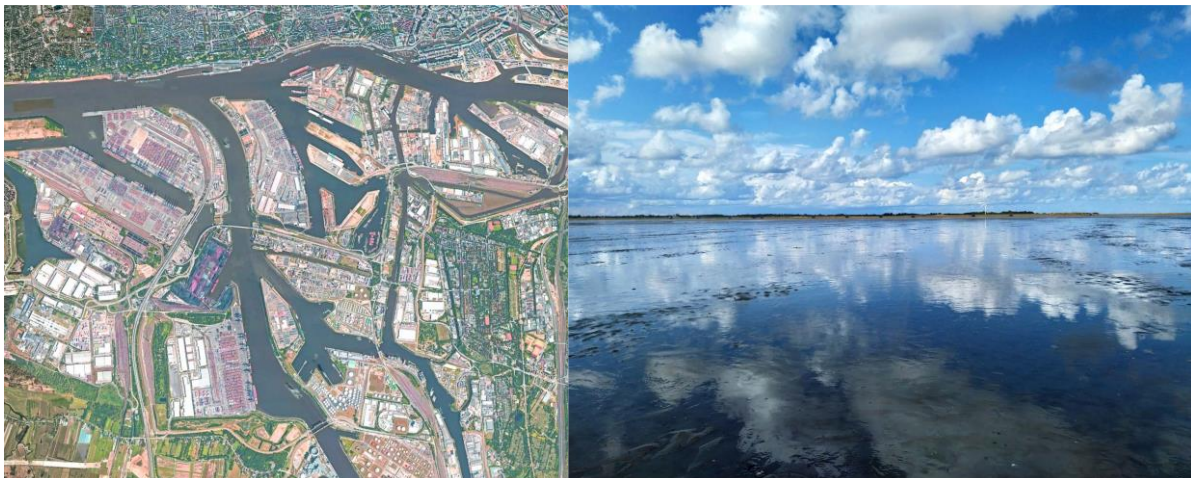


UNIVERSITÄT  
HEIDELBERG  
ZUKUNFT  
SEIT 1386

# 40<sup>th</sup> Annual Meeting of the Working Group on Geography of the Seas and Coasts

*Arbeitskreis Geographie der Meere und Küsten*

13–15 June 2024



2<sup>nd</sup> Circular



## PROGRAMME OVERVIEW

	Thursday, 13.06.	Friday, 14.06.	Saturday, 15.06.
09:00		Welcome	Session III
10:00		Session I	
11:00		Coffee break	Coffee break
12:00		Session I	Session IV
13:00		Lunch break	Lunch break
14:00		Session II	City excursion
15:00		Poster session + Coffee break	
16:00		Session II	
17:00	Registration	General assembly	
18:00	Keynote lecture		
19:00	Icebreaker	Conference dinner	

Session I: Storms, tsunamis and sea level rise

Session II: Coastal protection and risk management

Session III: Coastal societies, economies and sustainability

Session IV: Coastal landscape evolution and geoarchaeology



## THURSDAY

13 June 2024

*Lecture hall 07 (Hörsaal 07), Neue Universität, Universitätsplatz, Altstadt*

- 17:00 Registration
- 18:15 Keynote lecture in cooperation with Heidelberg Geography Society (HGG)
- 19:00 Icebreaker



## FRIDAY

14 June 2024

*Internationales Wissenschaftsforum (IWH), Hauptstraße 242, Altstadt*

09:00 Welcome by the organisers

### Session I: Storms, tsunamis and sea level rise – Part 1

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|-------|--|-------------------------------|
| 09:15 | Unravelling the unknown of vertical land motion dynamics in the Ayeyarwady Delta (Myanmar) – Insights into spatio-temporal patterns and driving mechanisms | Katharina Seeger,<br>Köln     |
| 09:35 | Application of end-member analysis (EMMAgeo) to coastal sediments using grain-size and shape distributions   | Damian Moskalewicz,<br>Gdańsk |
| 09:55 | Correlation of heightened storm signals: High-resolution paleostorm reconstructions from eastern Canada in accordance with eastern North Atlantic records  | Antoine Lachance,<br>Montréal |
| 10:15 | Methoden zur Förderung des Oberflächenwachstums auf den Halligen   | Matthias Deicke,<br>Göttingen |

10:35 *Coffee break*

### Session I: Storms, tsunamis and sea level rise – Part 2

- |       |   |                              |
|-------|---|------------------------------|
| 11:00 | Reconstructing Holocene relative sea-level changes and extreme events in the Shetland Islands (United Kingdom)  | Juliane Scheder,<br>Brussels |
| 11:15 | Luminescence dating of offshore tsunami deposits from the Shetland Islands (UK)   | Andreas Peffeköver,<br>Köln  |
| 11:30 | Tsunami impact on the Korission Lagoon (Corfu Island, Greece) during the 365 AD and 1303 AD events – geomorphological evidence and results of numerical simulations | Tina Georg,<br>Mainz         |
| 11:50 | A glance into the MULTI-MAREX consortium  | Piero Bellanova,<br>Aachen   |

12:10 *Lunch break*

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## Session II: Coastal protection and risk management – Part 1

13:30	Das Horizon Europe Projekt RescueMe – Entwicklung von Resilienzstrategien für Küstenkulturlandschaften	Catharina Greve, Hamburg
13:50	Sustainable adaptation prototypes for an industrialised meso-tidal estuary	Johannes Pein, Geesthacht
14:10	Exploring the relevance and perception of non-conventional coastal protection measures to increase coastal resilience at the Schleswig Holstein Wadden Sea	Nina Caroline Lindstedt, Groningen
14:30	Herausforderungen für den Küstenschutz in Mecklenburg-Vorpommern im 21. Jahrhundert	Ulrich Floth, Rostock

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14:50 Poster session with coffee break

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## Session II: Coastal protection and risk management – Part 2

16:00	Conflict between socioeconomic development and coastal risk susceptibility – Western Algeria	Nasr-Eddine Taibi, Mostaganem
16:20	Navigating uncertainty: Towards risk-sensitive development pathways for the Ayeyarwady Delta in Myanmar	Anissa Vogel, Köln
16:40	Herausforderungen des Klimawandels für Küsten und Küstenschutz	Michael Link, Hamburg

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17:00 General assembly of the working group

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19:30 Conference dinner  
*Institute of Geography, Berliner Str. 48, Neuenheim*

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## SATURDAY

15 June 2024

*Internationales Wissenschaftsforum (IWH), Hauptstraße 242, Altstadt*

### Session III: Coastal societies, economies and sustainability

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|-------|--|---------------------------------------|
| 09:00 | Doing waiting. On passage points and ecologies of knowledge within marine fieldwork  | Nane Pelke,<br>Hamburg                |
| 09:20 | Tauchen als Beitrag zu einer Ocean Literacy? – Ergebnisse einer Fallstudie am Roten Meer (Ägypten)                                 | Susanne Stoll-Kleemann,<br>Greifswald |
| 09:40 | Political dynamics around transboundary gas extraction in the Dutch and German North Sea   | Irit Ittner,<br>Bonn                  |
| 10:00 | Networks of coastal adaptation: Structures and dynamics of individual and community-based resilience in Indonesia's coastal cities | Konstantin Gisevius,<br>Köln          |
| 10:20 | Identifying place-based research priorities on climate-induced human mobility in the United States                                 | Karina Alvarez,<br>Würzburg           |

10:40 *Coffee break*

### Session IV: Coastal landscape evolution and geoarchaeology

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|-------|---|-------------------------------|
| 11:10 | Between land reclamation and storm surges – reconstructing a drowned medieval landscape from the Wadden Sea of North Frisia (Germany)   | Andreas Vött,<br>Mainz        |
| 11:30 | Holocene coastal evolution and environmental changes in the lower Río Guadiaro valley, with particular focus on the Bronze to Iron Age harbour 'Montilla' of Los Castillejos de Alcorrín (Málaga, Andalusia, Spain) | Simon Matthias May,<br>Köln   |
| 11:50 | Wurten und Strandwälle in Butjadingen – eine vorwachsende Küste an der Nordsee während der Römischen Eisenzeit  | Kira Raith,<br>Wilhelmshaven  |
| 12:10 | The Darss sill – in search of terrestrial deposits. A contribution to the reconstruction of the southwestern Baltic Sea's Holocene evolution  | Julian Granzow,<br>Heidelberg |

12:30 *Lunch break*

14:00 City excursion

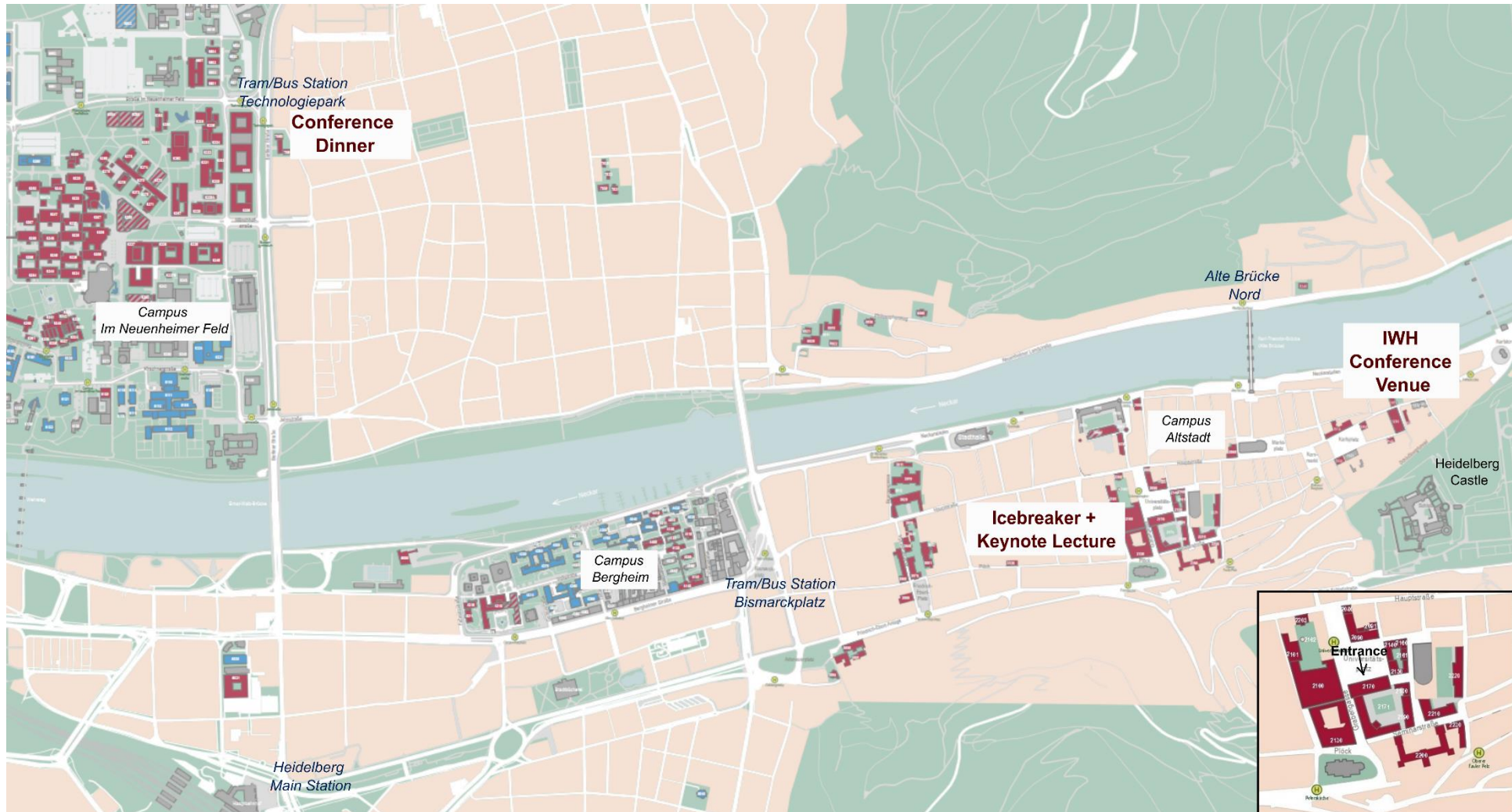


## POSTER SESSION

Presenter	Title
<b>Avramidis, Pavlos</b>	Environmental characteristics of a coastal lagoon in Greece dominated by biogenic reefs
<b>Bellanova, Piero</b>	Fingerprinting paleotsunami deposits using sedimentary biomarkers – A case study from Noda, Japan
<b>Dannemann, Sara</b>	Past coastal dynamics in the vicinity of the sanctuary of Hera on Samos Island (Greece)
<b>Engel, Max</b>	ISROC – A Research Coordination Network targeting coastal boulder deposits to promote education, data distribution and standards in data collection
<b>Engel, Max</b>	Reef-top platform coral boulders of Eastern Samar (Central Philippines) reflect the long-term coastal hazard of extreme waves
<b>Faulwetter, Sarah</b>	Investigation of the effects of marine finfish aquaculture on sediment geochemistry and ecological quality in Greece
<b>Hadler, Hanna</b>	Exploitation of a medieval coastal landscape – extensive peat extraction around Hallig Hooge, Wadden Sea of North Frisia (Germany) PART 2
<b>Heisel-Sure, Yannik</b> <b>Kemmner, Gisela</b>	Reallabore als Instrumentarium zur Reduzierung von Plastikeintrag in die Nordsee – Chancen und Risiken bei Aufbau und Umsetzung
<b>Hess, Katharina</b>	Sedimentary records of long-term storm-induced coastal flooding in northwestern Europe – A comparative study
<b>Lindstedt, Nina</b>	Bestimmung der potentiellen Sedimentakkumulation in einem Versuchsfeld auf Nordstrandischmoor im Winterhalbjahr 2020/21
<b>Nierobisch, Kim</b>	ECOP Germany – Generationenvielfalt als zentrales Bedürfnis für Meeresforschung
<b>Nußberger, Nel</b>	Heavy mineral and grain-size analyses of late Holocene tsunami sediments from the Shetland Islands (UK)
<b>Reiß, Antonia</b>	Exploitation of a medieval coastal landscape – extensive peat extraction around Hallig Hooge, Wadden Sea of North Frisia (Germany) PART 1
<b>Reiß, Antonia</b>	Potential effects of the 1st Grote Mandrenke storm in 1362 AD on the coast of East Frisia near Dornum, (North Sea coast, Germany)
<b>Seeger, Katharina</b>	Towards flood hazard assessments in data-sparse coastal lowlands: the case of the Ayeyarwady Delta (Myanmar)



## SITE MAP



For further information on: <https://www.uni-heidelberg.de/de/universitaet/lagekarten>



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## TRAVEL DIRECTIONS

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### IWH, Hauptstraße 242 – Lectures and Accommodation

#### **Arrival at Heidelberg Main Station (Hauptbahnhof)**

**Option 1:** Take the S-Bahn (S1, S2 – destination Osterburken), alight at "S-Bahnhof Altstadt" (formerly "Karlstor"). Travel time: 4 min. It is a 3–5-min walk to the IWH from there.

**Option 2:** Take Bus 33 (direction "Ziegelhausen Köpfel") from the stop in front of the train station (Kurfürstenanlage). Alight at the "S-Bahnhof Altstadt" (formerly "Karlstor" stop) or at Neckarmünzplatz (from there take Jakobgasse leading to Hauptstraße). Travel time: approx. 17 min. It is a 3–5-min walk to the IWH from there.



Source: IWH

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### Neue Universität, Universitätsplatz – Keynote lecture and Icebreaker

#### **Arrival at Heidelberg Main Station (Hauptbahnhof) to Neue Universität**

Take the bus 32 to „Universitätsplatz“ (travel time ca. 15 min, every 20 min), or take the Bus 20 to „Peterskirche“, from there it is a 5 min walk.

#### **From IWH to Neue Universität**

It is a 10–12 min walk to Universitätsplatz (ca. 800 m).



Source: Tobias Schwerdt/Heidelberg Marketing GmbH

## Institute of Geography, Berliner Straße 48 – Conference dinner

### ***From IWH to Conference Dinner, Institute of Geography***

**Option 1:** Walk over the Old Bridge to the bus station „Alte Brücke Nord“ (ca. 12 min walk, 800 m). Take the Bus 37 (every 30 min) to „Technologiepark“ (destination: Sportzentrum Nord). From there it is a 1–2 min walk to the institute (total travel time c. 20 min).

**Option 2:** Take the Bus 20 or 30 at „Herrenmühle“ to „Peterskirche“. Alternatively, walk to „Peterskirche“ (c. 15 min, 1 km). There, take the Bus 31 (destination: Neuenheimer Feld, every 20 min) to „Bunsengymnasium“. It is a 1–2 min walk to the institute from there.

**Option 3:** Take the bus 20 (every 20 min) at „Herrenmühle“ (destination: Sportzentrum Nord) to Heidelberg Main Station. Take the tram 24 or 25 (destination: „Heiligenbergschule“, „Handschuhshiem“) to „Bunsengymnasium“. From there it is a 1–2 min walk to the institute (total travel time c. 25 min).

**Option 4:** We plan to arrange a shuttle service from IWH to the Institute of Geography (limited capacity!)



Source: [www.geog.uni-heidelberg.de](http://www.geog.uni-heidelberg.de)