



Global Centres

Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



GLOBAL CENTRES CONFERENCE

# Programme

Imaginaries of Climate Futures - Cross Regional Insights to get from Knowledge to Action

10 - 12 September 2024

Tagungswerk

Lindenstraße 85, 10969 Berlin



GLOBAL CENTRES FOR CLIMATE AND ENVIRONMENT  
CONFERENCE PROGRAMME: IMAGINARIES OF CLIMATE FUTURES - CROSS REGIONAL INSIGHTS TO GET FROM KNOWLEDGE TO ACTION- 10-12 SEPTEMBER 2024



Participation in the workshops requires prior registration.

If you haven't registered before the conference for the Workshops, please contact the registration desk to ask for availabilities.

Workshops take place on Thursday, 11 a.m. (open for everyone) and Thursday, 3.30 p.m. (PhD-students only)

## Tuesday, 10 September 2024

8.30 – 9.00 a.m. **REGISTRATION**

9.00 – 10.30 a.m. **OPENING WORDS**

[Raum]

By German Academic Exchange Service (DAAD) and the Academic Advisory Board of the Conference

### ROUND TABLE: IMAGINARIES OF CLIMATE FUTURES AROUND THE WORLD. PERSPECTIVES FROM THE DIFFERENT GLOBAL CENTRES

Climate futures are imagined differently around the world, for lots of reasons like historical responsibility for climate change, climatical conditions, cultural background, economic situation, and many others. Within this session, we will draw attention on five imaginaries from the five regions where Centres are located. How do they imagine a good climate future for all and how do they think should/could it be reached? After their 5-minutes impulses the speakers will discuss on their imaginaries and search for a common one that brings together the largest possible overlap.

CHAired BY

**Dr Christiane Fröhlich**, SAGE-Centre, Senior Research Fellow at German Institute for Global and Area Studies (GIGA)

PANELISTS

**Prof Andrea Cardoso**, TRAJECTS, Professor at the Faculty of Business Administration at the Universidad del Magdalena, representing Latin America

**Prof Anan Jayousi**, SAGE-Centre, Director of the Energy water and food security Center at the An-Najah National University, representing the MENA-Region

**Prof Dr Daniel Olago**, AFAS, Professor University of Nairobi and Head of Department of Earth and Climate Sciences, representing Sub-Saharan Africa

**Prof Dr S. A. Sannasiraj**, ABCD-Centre, Professor at the Department of Ocean Engineering at the Indian Institute of Technology Madras, representing Asia

**Prof Dr Holger Schüttrumpf**, ABCD-Centre, Director of the Institute of Hydraulic Engineering and Water Resources Management of the RWTH Aachen, representing Europe

10.30 – 11.00 a.m. Coffee Break



11.00 – 12.30 a.m. PARALLEL SESSIONS

[Raum]

### INDIVIDUAL PRESENTATIONS: BALANCING THE THREE PILLARS OF SUSTAINABILITY UNDER CHANGING CLIMATIC AND SOCIAL CONDITIONS

CHAired BY

**Dr Sameer Shadeed**, SAGE-Centre, Faculty member at the An-Najah National University

PRESENTERS

**Sawsan Abdul-Jalil**, SAGE-Centre: Assessing Economic and Distributional Impacts of Restoring Degraded Rangelands in Jordan

**Razan Al-Hmoud**, SAGE-Centre: Urban green space management under climate change

**Mandela Nelson**, East and South African-German Centre of Excellence for Educational Research Methodologies and Management: University-Community engagement opportunities to address climate change issues in African context

**Ahmed Shaqfa**, SAGE-Centre: Climate change adaptation in rangelands: Cost-Benefit Analysis of Contour Ridges as a rainwater harvesting method

[Raum]

### INDIVIDUAL PRESENTATIONS: MANAGING WATER SECURITY (IN QUANTITY AND QUALITY) UNDER CLIMATE CHANGE IMPACT

CHAired BY

**Prof Erasmo Alfredo Rodriguez Sandoval**, TRAJECTS, Associate Professor at the Universidad Nacional de Colombia

PRESENTERS

**Ernestina Annan**, West African Science Service Center for Climate Change and Adapted Land Use (WASCAL): Land Use/Cover Changes in the Ouémé River Basin, Benin Using Google Earth Engine and Random Forest Classifier

**Triambak Baghel**, ABCD-Centre: An approach for assessing the river health under the impact of climate change in the Songkhram River Basin, Thailand

**Elanchezhayan Duraiseakaran**, Indo German Centre for Sustainability (IGCS): Optimization of detention reservoir storage in peri-urban areas to mitigate riverine flooding

**Dr Fabian Falter**, ABCD-Centre: The politics of water security in the Indus-Ganga plains – and what it teaches us for today

12.30–2.00 p.m. Lunch Break



2.00-3.15/3.30 p.m. PARALLEL SESSIONS

[Raum]

90 min

### ROUND TABLE: KEY CHALLENGES AND OPPORTUNITIES FOR CITIZEN PARTICIPATION IN JUST TRANSITION PROCESSES

This roundtable will bring together experiences from the EU, Colombia, South Africa and Ecuador related to the phase-down of gas, coal, and oil use and production, with a special focus on citizen participation mechanisms that have been used to facilitate just transitions processes in those countries.

CHAired BY

tba

PANELISTS

**Jesse Burton**, TRAJECTS, Senior Researcher at the University of Cape Town

**Anna Mazur**, TRAJECTS, Project Manager at The Polish National Energy Conservation Agency

**Julia Schwab**, Research Assistant at the Justus-Liebig University Giessen and Lecturer and Researcher at the University of Jember

**Paola Andrea Yanguas Parra**, TRAJECTS, Post-doctoral researcher at the Zurich University of Applied Sciences (ZHAW) and Policy Advisor at the International Institute for Sustainable Development (IISD), Technische Universität Berlin

[Raum]

75 min

### ROUND TABLE: UPSCALING NATURE-BASED SOLUTIONS FOR SUSTAINABLE AND CLIMATE CHANGE RESILIENT AGRICULTURE: A PIPE DREAM OR A TANGIBLE REALITY?

The planned format is a roundtable that should facilitate a discussion on the uses of Nature-based Solutions to achieve sustainable and climate-resilient agriculture. Although the panellists' prime expertise is on the African context, the discussion will provide insights that can be applied across the world.

CHAired BY

**Prof Dr Christian Borgemeister**, AFAS, Director of the Center for Development Research (ZEF) at the University of Bonn

PANELISTS

**Prof Daniel Olago**, AFAS, Professor University of Nairobi and Head of Department of Earth and Climate Sciences

**Prof Dr N'golo A. Koné**, AFAS, Co-PI and Coordinator AFAS-UFHB, Université Félix-Houphouët-Boigny

**Dr Nelly Masayi**, AFAS, Post Doctoral Research Fellow at the University of Nairobi

**Esther Mutuma**, AFAS, CEO of Boreka social enterprise, Kenya

3.15-3.45 p.m. Coffee Break



3.45-5.00p.m. PARALLEL SESSIONS

[Raum]

### ROUND TABLE: ADVANCING WATER SECURITY IN A CHANGING CLIMATE: HIGHER EDUCATION AND TRANSFER MEASURES IN THE GLOBAL SOUTH

The ABCD Centre hosts a roundtable on water security, a pressing concern amid climate fluctuations in the vulnerable Global South. This session unites diverse experts, policymakers, and practitioners to explore innovative higher education measures and knowledge transfer strategies. It aims to fortify water security with actionable recommendations, distilling insights from Global South experiences.

#### CHAired BY

**Prof Dr Jürgen Stamm**, ABCD-Centre, Director of the Institute of Hydraulic Engineering and Technical Hydromechanics, Technische Universität Dresden

#### PANELISTS

**Prof Dr Edeltraud Guenther**, ABCD-Centre, Director of the UNU Flores

**Prof Dr S. A. Sannasiraj**, ABCD-Centre, Professor at the Department of Ocean Engineering at the Indian Institute of Technology Madras

**Prof Dr Holger Schüttrumpf**, ABCD-Centre, Professor at the Institute of Hydraulic Engineering and Water Resources Management of the RWTH Aachen

[Raum]

### ROUND TABLE: COLLABORATIVE KNOWLEDGE PRODUCTION FOR EFFECTIVE, JUST AND INCLUSIVE ENVIRONMENTAL INTERVENTIONS

For this interactive working table, the panellists will discuss their experiences with collaborative knowledge production for improved measures for climate change adaptation, biodiversity conservation and sustainable land management, based on examples from West, East and South Africa. The table will have an “empty” chair, for members of the audience to chip in.

#### CHAired BY

**Prof Dr Michael Bollig**, AFAS, Professor of Social and Cultural Anthropology at the University of Cologne

#### PANELISTS

**Aminata Belem**, AFAS, AFAS Aluma and Master graduate of the Université Félix-Houphouët-Boigny

**Yvonne Githoria**, AFAS, Research Scientist at Wildlife Works

**Dr Gerda Kuiper**, AFAS, Scientific staff member at the University of Cologne  
**Dr Michelle Pressend**, TRAJECTS, Academic Coordinator African Hub at the University of Cape Town



## Wednesday, 11 September 2024

9.00 – 10.30 a.m.

### WELCOME

[Raum]

**Jennifer Lee Morgan**, State Secretary and Special Envoy for International Climate Action, German Federal Foreign Office (tbc)

**Dr Kai Sicks**, Secretary General, German Academic Exchange Service (DAAD)

### POLICY DIALOGUE: HOW (PROJECTS LIKE) THE GLOBAL CENTRES CONTRIBUTE TO BETTER HEALTH AND BETTER CLIMATE

What is the contribution of programmes like the Global Centres to overcome the climate crisis and to reach better health worldwide? Why do the Global Centers do this particularly successfully? Why is it important to invest German taxpayers' money in international scientific cooperation? What further support can German policymakers provide to strengthen this kind of cooperation? What can the DAAD and the Global Centers do to make the Centers even more politically and socially relevant in their second funding phase?

#### CHAired BY

**Dr Christina Berndt**, Süddeutsche Zeitung

#### PANELISTS

**Dr John Amuasi**, Kwame Nkrumah University of Science and Technology (KNUST), Ghanaian Principal Investigator of the Global Health Centre G-WAC

**Prof Dr Mukand Babel**, Asian Institute of Technology (AIT), Thai Principal Investigator of the Global Climate Centre ABCD

**Jennifer Lee Morgan**, State Secretary and Special Envoy for International Climate Action, Federal Foreign Office, Germany (tbc)

**Dr Kai Sicks**, Secretary General, DAAD

**Ruppert Stüwe**, Member of the German Parliament and Member of the parliamentary Sub-committee Global Health, SPD

10.30 – 11.00 a.m.

Coffee Break

11.00 – 12.30 a.m.

### POLICY DIALOGUE: REALIZING CLIMATE FUTURES: HOW TO CLOSE THE GAP BETWEEN KNOWLEDGE AND ACTION

The aim of the Global Centres is to have practical relevance and to contribute to realize imaginaries of climate future. But how can we ensure and promote that knowledge created in the Centres is transferred to society, politics and business? What is important for being politically and socially relevant? How to best get our scientific knowledge applied? Practitioners and activists will talk about their engagement and discuss the way forward.

#### CHAired BY

**Prof Dr Christian Borgemeister**, AFAS



PANELISTS

**Nada Majdalani**, Director of EcoPeace/Friends of the Earth Middle East, PhD Fellow SAGE-Centre

**Esther Mutuma**, CEO of the Boreka social enterprise, Kenya

**Yadir Salazar Mejia**, Ambassador of Colombia

**Nouhou Zoungrana**, Climate activist, AFAS Alumni

12.30-2.00 p.m. Lunch Break

2.00-3.00 p.m. PARALLEL SESSIONS

[Raum] **ROUND TABLE: TOWARDS TRANSBOUNDARY CLIMATE RISKS MITIGATION: LOCAL AND INTERNATIONAL EFFORTS FOR FOOD SYSTEM RESILIENCE IN JORDAN**

Transboundary climate risks aggravate the multiple risks facing food systems in developing countries especially in highly food import dependent countries like Jordan. Import policies are seen as a mitigation tool for such climatic changes but the global polycrisis context calls for more innovative local and multilateral solutions.

CHAired BY

**Dr Jonas Luckmann**, SAGE-Centre, Senior Researcher at the Humboldt-Universität zu Berlin

PRESENTERS

**Ms Raghad Altalli**, SAGE-Centre, Programme Manager and Trade Facilitation Adviser at the International Trade Center

**Dr Imad El-Anis**, Associate Professor at the Nottingham Trent University

**Ms Lamia Dabbas**, Regional Director at Advance Consulting

**Ms Esther Wintraecken**, Project developer and manager at the Wageningen University & Research

[Raum] **ROUND TABLE: NEXUS APPROACH: BRIDGING WATER, CLIMATE ADAPTATION, AND HEALTH IN THE FACE OF EMERGING BACTERIAL AND PARASITIC INFECTIOUS DISEASES**

The session aims to explore the interconnectedness of water resources, climate change adaptation, and public health with a specific focus on the rise of bacterial and parasitic infectious diseases. As climate change intensifies and water-related challenges become more pronounced, understanding the nexus between these factors is crucial for effective public health interventions.

CHAired BY

**Dr Firas Aljanabi**, ABCD, Centre Coordinator, Technische Universität Dresden

PRESENTERS

**Prof Dr Ayola Akim Adegniko**, CAIDERA, Director of the Centre de Recherches Médicales de Lambaréné (CERMEL)



**Prof Dr Mukand Babel**, ABCD-Centre, Professor for Water Engineering and Management (WEM) at the Asian Institute of Technology (AIT)

**Prof Dr Steffen Borrmann**, CAIDERA, Research group leader at the Institute of Tropical Medicine at the University of Tübingen

**Prof Dr Daniel Karthe**, ABCD, Head of Research Programme – Resource Nexus for Regions in Transformation, UNU Flores

3.00-3.30 p.m. Coffee Break

3.30-5:00 p.m. PARALLEL SESSIONS

[Raum] **INDIVIDUAL PRESENTATIONS: ENERGY TRANSITIONS**

CHAired BY

**Dr Andrea Cardoso**, TRAJECTS, Professor at the Universidad del Magdalena

PRESENTERS

**Juan Pablo Cárdenas**, TRAJECTS: Reimagining the role of intermediary organisations to promote community-owned renewable energy in low-to-middle-income communities in South Africa and Colombia

**Abiola Kehinde**, TRAJECTS: The Barriers Influencing the Contribution of Biogas to South Africa's Energy, Climate and Sustainability

**Victor Jose Olivero Ortiz**, TRAJECTS: Technological opportunities for the closure of solar parks in the Vida Cesar-Magdalena Corridor, which facilitate community use in the territory

**Moyahabo Masipa and Dr Michelle Pressend**, TRAJECTS: South Africa's Sustainability Energy Transitions Contradictions: Implementation or Transformation?

**Dr Michelle Pressend**, TRAJECTS: An exploration of decolonial and relational theories and praxis: Towards possibilities of relational energy transitions

[Raum] **INDIVIDUAL PRESENTATIONS: SUSTAINABLE AGRICULTURE (1)**

CHAired BY

**André Lindner**, ABCD-Centre, Managing Director and Advisor Internationalization - School of Civil and Environmental Engineering at the Technische Universität Dresden

PRESENTERS

**Eduardo Arias-Pineda**, TRAJECTS, Systemic environmental transitions from agroecological territorial communities in Colombia to face the planet's food crisis

**Amaël Daval**, SAGE-Centre: How plastic germination favours plant diversity

**Dr Tokouaho Flora Kpan**, AFAS: Constraints analysis of the implementation of nature-based solutions in West Africa

**Dr Abiodun Olusola Omotayo**, ClimapAfrica-Alumni: Improving Food-Nutrition and Water Security Outcomes through the Adoption of Climate-smart Practices: Evidence from Agricultural Households in South Africa

6.00-9.30 p.m. **DRINKS AND RECEPTION AT THE CONFERENCE VENUE**



## Thursday, 12 September 2024

9.00 – 10.30 a.m. PARALLEL SESSIONS

[Raum]

### INDIVIDUAL PRESENTATIONS: TRANSFORMATION OF COASTAL URBAN AREAS TO CLIMATE RESILIENT CITIES

CHAired BY

**Dr Fabian Falter**, ABCD-Centre, Strategy India and Scientific Coordinator of the Centre

PRESENTERS

**Fahad Ahmed**, ABCD-Centre: Integrating Digital City Model for Sustainable Stormwater Management under Climate Change: A Case Study of Nature-Based Solutions in Udonthani City, Thailand

**Vagamare Ganapati Shashank**, ABCD-Centre: Investigation of cyclones' influence on coastal morphological changes along the nearshore areas amid climate change using numerical modelling

**Haruna Jimoh**, ABCD-Centre: Collaborative Initiatives towards climate change adaptation in the Global South

**Pyae Mon Naing**, ABCD-Centre: Beyond Traditional Solutions: Unraveling the Potential of Adaptation Pathways in Blue-Green Infrastructures for Flood Resilience

[Raum]

### INDIVIDUAL PRESENTATIONS: SUSTAINABLE AGRICULTURE (2)

CHAired BY

**Dr Amna Jrrar**, SAGE-Centre, Independent Researcher

PRESENTERS

**Majd Allouzi**, SAGE-Centre: Soil seed banks assessment in overgrazed arid rangelands to determine the restoration potential of aboveground vegetation in arid degraded rangelands in Jordan

**Ashley Comma Roy**, DAAD Graduate School Scholarship Programme (GSSP): Citizens' preference for risk of pesticide residue or risk of invasion to combat invasive species in agriculture in changing climate

**Maud Moes**, SAGE-Centre: Plant Community Response to Climate Change and Grazing in Middle Eastern Rangelands

**Evelyne Othigo**, AFAS: Evaluation of Nature-based Solutions and their Benefits to the Maasai Agro-pastoralists in Narok County

10.30 – 11.00 a.m. Coffee Break



11.00 – 12.30 a.m. PARALLEL SESSIONS

[Raum]

Registration required

### WORKSHOP: REIFYING RESILIENCE: TRANSLOCAL LEARNINGS FROM COASTAL/DELTA CITIES OF SOUTH AND SOUTH-EAST ASIA

Rotating Roundtables. In a personal setting, participants will exchange on practice-based questions posed by the different table hosts. After three rotating rounds that build up on each other, the table hosts will report back and open up a wider discussion.

MODERATOR

**Dr Katleen De Flander**, SMUS Scientific Coordinator and Researcher Technische Universität Berlin

PRESENTERS

**Prof Dr Wiwandari Handayani**, Researcher, Lecturer and Head of Department Department of Urban and Regional Planning, Faculty of Engineering at the Diponegoro University (Moderator)

**Dr Johannes Herbeck**, Researcher and Lecturer at the Bremen University

**Dr Khairul Hisyam Kamarudin**, Researcher and Lecturer at the Faculty of Built Environment and Surveying at the Universiti Teknologi Malaysia

**Prof Dr Jenia Mukherjee**, Researcher and Lecturer at the Department of Humanities and Social Sciences at the Indian Institute of Technology Kharagpur

**Prof Dr Jakkrit Sangkhamanee**, Researcher, Lecturer, Deputy and Dean of Academic Affairs, Department of Sociology and Anthropology, Faculty of Political Science at the Chulalongkorn University

[Raum]

Registration required

### WORKSHOP: IMAGINARIES OF INSIDE-OUT PLACE MAKING: SENSING, DESIGNING AND TRANSFORMING (URBAN) SPACES WITH HUMANS AND THE NON-HUMAN WORLD FOR SUSTAINABLE AND CLIMATE RESILIENT FUTURES

Facilitated workshop enabling participants to engage with each other in order to brainstorm and ideate co-creatively. The three convenors will be moderating through the various phases of the workshop working in pairs, groups, plenary. Outcome: highlighting a rather neglected, at best implicit topic; connecting discourses from global south and global north about imaginaries; learning from each other's perspectives, cross-culturally; networking from across the world.

CHAired BY

**Dr Christoph Woiwode**, Visiting professor at the Indo-German Centre for Sustainability, Indian Institute of Technology Madras

CO-CONVENORS

**Keya Chakraborty**, Associate Professor at the Srishti Manipal Institute of Art Design and Technology at the Manipal Academy of Higher Education

**Lalit Kishor Bhati**, Co-Founder of the Planning and Architecture Towards Holistic development and the Auroville Integral Sustainability Institute



[Raum]

## INDIVIDUAL PRESENTATIONS: MANAGING WATER SECURITY AND BALANCING THE THREE PILLARS OF SUSTAINABILITY UNDER CLIMATE CHANGE IMPACT

CHAired BY

**Yvonne Githoria**, AFAS, Research Scientist at Wildlife Works

PRESENTERS

**Dr Kaushal Chapagain**, ABCD-Centre: Impacts of climate change and land use change on the water-energy-food nexus in Ping River Basin, Thailand

**Dr Timothy Downing**, AFAS: History of 'nature-based' solutions to land degradation in the savannahs of Kenya: An analysis of literature and archival records

**Dr Dibesh Khadka**, ABCD-Centre: Agricultural Drought Risk, Climate Change, and Local Adaptation Measures: A Case Study in the Upper Mun River Basin, Thailand

**Dr Nelly Masayi**, AFAS: Effects of Land Use Change on Tropical Savannas of Western Kenya under Changing Climatic Conditions

12.30-2.00 p.m. Lunch Break

2.00-3.00 p.m. **CLOSING SESSION**

[Raum]

CHAired BY

**Petra Bogenschneider**, Head of Section "German Transnational Education Projects in the Middle East, Africa, Latin America", DAAD

RAPPOREURS

**Prof Dr Jürgen Stamm**, ABCD-Centre, Director of the Institute of Hydraulic Engineering and Technical Hydromechanics, Technische Universität Dresden

**Prof Dr N'golo Koné**, AFAS, Co-PI and Coordinator AFAS-UFHB, Université Félix-Houphouët-Boigny

**Prof Anan Jayousi**, SAGE-Centre, Director of the Energy water and food security center, An-Najah National University

**Dr Michelle Pressend**, TRAJECTS, Academic Coordinator African Hub at the University of Cape Town

3.00-3.30 p.m. Coffee Break

END OF THE OFFICIAL CONFERENCE



## STARTING OF THE PHD-SEMINARS AND THE PROJECT TEAM MEETING OF THE GLOBAL CENTRES

3.30-5.00 p.m. PARALLEL SESSIONS

[Raum]

### PROJECT TEAM MEETING

Meeting of the Teams of the Global Health Centres and DAAD

[Raum]

### PHD SEMINAR 1: SCIENCE COMMUNICATION - HOW AND WHY?

In an introductory lecture participants will be sensitised to the importance of science communication and learn the basics of good science communication. In an interactive exercise part, individual key messages are developed. A following Q&A part allows for specific questions about the lecture and the exercise section. In addition, questions about possible career paths in science communication can be answered.

FACILITATOR

**Jens Notroff**, Nationales Institut für Wissenschaftskommunikation (NaWik) gGmbH

[Raum]

### PHD SEMINAR 2: SCIENTIFIC WRITING

The workshop is tailored for doctoral candidates who are either publishing in international journals, or soon will be. The session introduces participants to the principles of clear, impactful writing and equips them with select tools to maximise the impact of their message and increase their chances of publication. The workshop is highly interactive and consists of instructor-lead sessions, as well as pair/ group work. There will be time to write and present, and opportunities to receive feedback from peers and the facilitator.

FACILITATOR

**Theodor Best**, Write Englisch

Supported by:



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