

Climate Change and Zoonotic Diseases: Global Trends, Local Realities - a Looming Pandemic Threat?

27 November 2025, online / 13:00-16:00 CET

Tentative Agenda

Time	Topic
12:45	Soft Opening
13:00	Welcoming words / Introducing the International Expert Centre on Climate Change and Health (IECCCH) Dr. Franziska Wolf , Hamburg University of Applied Sciences, Germany
13:10-13:30	Keynote lecture 1 “Climate change and the changing distribution pattern of vector borne diseases” Prof Rezza Giovanni , Professor of Hygiene and Public Health at the Vita-Salute San Raffaele University of Milan, Spain
☒ Opening of Breakout Rooms	
Parallel Session 1 Room A: Hotspots of Emerging Zoonotic Risk Room B: One Health in Practice Room C: Global Pandemic Preparedness and the New WHO Agreement	
13:00 – 14:30	Room A: Hotspots of Emerging Zoonotic Risk (session chair: tba) 13:30 – 13:45 “The implications of Climate Change and Disruption of the Ecosystem on the Emergence of Zoonotic diseases” <i>Mr. Benjamin Adebisi, Institute of Anatomy Cell Biology Brain and Neurodegeneration, Nigeria</i> 13:45 – 14:00 “Exploring the Role of Climate Change in Enhancing Zoonotic Disease Emergence in Poultry Production in Nigeria,” <i>Dr. Benjamin Anabaraonye, University of Nigeria, Nsukka, Nigeria</i> 14:00 – 14:15 “Climate Change widening the Hotspots of Emerging Zoonotic Risk in the world” <i>Dr Zenebe Mekonnen Gebretasdik, Ethiopian Forestry Development, Climate Change Research Programme, Ethiopia</i>

14:15 – 14:30

“Climate Change and Nipah Virus: A Study on the Application of Disaster Management Strategies in Kerala” *Ms. Navya K.S, Pondicherry University, India*

Room B: One Health in Practice (session chair: tba)

13:30 – 13:45

“ZOONOSSES ON THE RISE IN NIGERIA: Any Intersect with Climate Change?” *Ms. Bolanle Kayode, Bayero University Kano, Nigeria*

13:45 – 14:00

“Hotspots of Emerging Zoonotic Risk: Exploring how climate shifts drive habitat fragmentation, biodiversity loss, and spillover risks across continents” *Mr. Philip Mutio, Tangaza University, Nairobi, Kenya*

14:00 – 14:15

“A review of climate change and zoonotic diseases in Latin America and the Caribbean focusing on the one health approach in practice” *Dr. Rachael Williams, Data for Development and Management, Trinidad*

14:15 – 14:30

“Operationalizing One Health in Türkiye: Policy, Practice, and Education as Pillars of Zoonotic Preparedness” *Prof. Didem Evci Kiraz, Aydın Adnan Menderes University, Turkey*

Room C: Global Pandemic Preparedness and the New WHO Agreement (session chair: tba)

13:30 – 13:45

“Time of Emergence and Future Projections of Extremes of Malaria Infections in Africa” *Prof. Christian Franzke, Pusan National University, South Korea*

13:45 – 14:00

“Prevention and control of climate-related zoonoses: a One Health approach in Vietnam” *Dr. Le Thai Ha, Deputy Director of Vietnam Administration of Disease Prevention (VADP), Ministry of Health, Vietnam*

14:00 – 14:15

“Climate Change, Geopolitics, and the Future of Pandemic Preparedness” *Ms. Yuk Hang Ng, Coalition for Epidemic Preparedness Innovations (CEPI), United Kingdom*



14:30 – 14:40 Coffee Break

14:40 – 15:00	Keynote lecture 2: Africa's Health Architecture: Is it ready for the Next Pandemic? Dr Ogwel Ahmed , CEO and President of VillageReac, Seattle, Washington, USA
☒ Opening of Breakout Rooms	
Parallel Session 2 Room A: Hotspots of Emerging Zoonotic Risk Room B: One Health in Practice Room C: Technological Innovations and Citizen Engagement	
15:00 – 15:45	Room A: Hotspots of Emerging Zoonotic Risk (session chair: tba) 15:00 – 15:15 “Navigating Climate-Driven Zoonotic Threats: Pharmacological and Preparedness Implications” <i>Ms. Yu Ya Hwang</i> 15:15 – 15:30 “A One Health Qualitative Triangulation of Climate Extremes, Zoonotic Outbreaks and Human Health in India (2015-2025)” <i>Dr. Rohini Ruhil, Amity University, India</i> 15:30 – 15:45 “Linking Climate Change to Zoonotic Disease Risks: Global Health Security and Adaptation Policy Perspectives” <i>Prof. Edward Kweku Nunoo, University of Cape Coast, Institute for Oil and Gas Studies, Ghana</i> Room B: One Health in Practice (session chair: tba) 15:00 – 15:15 “Community-Centered One Health: Integrating Trauma-Informed Approaches with Zoonotic Disease Preparedness in Climate-Vulnerable Populations in East Africa” <i>Dr. Julia Kagunda, Daystar University, Kenya</i> 15:15 – 15:30 “Climate Change and Dengue in Tamil Nadu: Temperature, Rainfall, and the Expanding Vector Habitat” <i>Dr. Somnath Panda, Sri Ramachandra Institute of Higher Education and Research, India</i> 15:30 – 15:45 “The Synonymity of One Health Approach to the Applied Systems Analysis: Lessons, Challenges, and Opportunities of Bringing Different Actors and

	Processes Together in the Global South” Mrs. Halleluah Chirisa, University of the Free State, Zimbabwe Room C: Technological Innovations and Citizen Engagement (session chair: tba) 15:00 – 15:15 “Helminthic Parasites, Climate Change and Ecosystem change: Emerging Global Patterns of Disease Risk” Dr. Prakash Rao, Symbiosis International University, India 15:15 – 15:30 “A OneHealth approach to identifying drivers of spillover risk distribution: vampire bats and rabies in Colombia” Dr. Paige Van de Vuurst, The George Washington University, USA 15:30 – 15:45 “Harnessing Drones and Artificial Intelligence for Targeted Mapping of Mosquito Breeding Sites to Enhance Malaria Control in Low- and Middle-Income Countries” Mr. Abidan Nambajimana, Maiden Solution LTD, Rwanda
15:45-16:00	MAIN ROOM Open Plenary - Question and Answers to presenters / Interactive discussions (<i>all participants</i>)
16:05	Plenary: Closing Words by the Organizer Dr. Franziska Wolf, Interdisciplinary Centre on Climate Change and Health (IECCCH), Hamburg University of Applied Science, Germany
16:10	Official End of Event & virtual farewell to participants

Organizer Contact:

Hamburg University of Applied Sciences, Germany

Interdisciplinary Centre of Climate Change and Health (IECCCH)

Dr. Franziska Wolf, Minami Tsuchikura

ieccch@haw-hamburg.de

<https://www.haw-hamburg.de/en/ftz-nk/ieccch/>