

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

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

Agenda

Zoom link:

<https://zoom.us/j/97460112607?pwd=GgrJmayvvWAI1xbgdSx1kKk4fVsAU1.1>

Meeting-ID: 974 6011 2607 / Password: 353449

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 Giovanni Rezza , Professor of Hygiene and Public Health at the Vita-Salute San Raffaele University of Milan, Italy
<input checked="" type="checkbox"/> Opening of Breakout Rooms	
<p style="text-align: center;">Parallel Session 1</p> <p style="text-align: center;">Room A: Hotspots of Emerging Zoonotic Risk</p> <p style="text-align: center;">Room B: One Health in Practice</p> <p style="text-align: center;">Room C: Global Pandemic Preparedness and the New WHO Agreement</p>	
13:30 – 14:30	Room A: Hotspots of Emerging Zoonotic Risk (session chair: Mr. Muhammad Abdur Rahaman, Center for People and Environ, Bangladesh) 13:30 – 13:45 “The implications of Climate Change and Disruption of the Ecosystem on the Emergence of Zoonotic diseases” Mr. Benjamin Adebisi, Institute of Anatomy Cell Biology Brain and Neurodegeneration, Nigeria 13:45 – 14:00 “Exploring the Role of Climate Change in Enhancing Zoonotic Disease Emergence in Poultry Production in Nigeria” Dr. Benjamin Anabaraonye, University of Nigeria, Nsukka, Nigeria

14:00 – 14:15

“Climate Change widening the Hotspots of Emerging Zoonotic Risk in the world”

Dr Zenebe Mekonnen Gebretasdik, Ethiopian Forestry Development, Climate Change Research Programme, Ethiopia

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: *Dr. Joyce Imara Nchom, Nigeria Meteorological Agency, Nigeria*)

13:30 – 13:45

“ZONOSSES 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: *Mr. Umar Ibrahim, Federal University Dutse, Nigeria*)

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 Ogwell Ahmed , CEO and President of VillageReac, Seattle, Washington, USA
	 Opening of Breakout Rooms
<p style="text-align: center;">Parallel Session 2</p> <p style="text-align: center;">Room A: Hotspots of Emerging Zoonotic Risk</p> <p style="text-align: center;">Room B: One Health in Practice</p> <p style="text-align: center;">Room C: Technological Innovations and Citizen Engagement</p>	
15:00 – 15:45	Room A: Hotspots of Emerging Zoonotic Risk (session chair: Dr. Jive Lubungu, Kwame Nkrumah University, Zambia) 15:00 – 15:15 “Navigating Climate-Driven Zoonotic Threats: Pharmacological and Preparedness Implications” Ms. Yu Ya Hwang 15:15 – 15:30 “A One Health Qualitative Triangulation of Climate Extremes, Zoonotic Outbreaks and Human Health in India (2015-2025)” Dr. Rohini Ruhil, Amity University, India 15:30 – 15:45 “Linking Climate Change to Zoonotic Disease Risks: Global Health Security and Adaptation Policy Perspectives” Prof. Edward Kweku Nunoo, University of Cape Coast, Institute for Oil and Gas Studies, Ghana Room B: One Health in Practice (session chair: Dr. Sayed Mohammad Nazim Uddin, IMDEA Water Institute, Spain) 15:00 – 15:15 “Community-Centered One Health: Integrating Trauma-Informed Approaches with Zoonotic Disease Preparedness in Climate-Vulnerable Populations in East Africa” Dr. Julia Kagunda, Daystar University, Kenya

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

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/>