

Research Forum

Human and Ecological Risk Assessment for Environmental and Health Resilience: Strengthening ASEAN-Europe Research Cooperation

AGENDA	
<i>Date: 17 October 2026, 08:00–17:00 (Hanoi time, GMT+7)</i>	
08:00-08:30	Registration and networking coffee Lead: HUST organising team
08:30-08:45	Welcome and opening remarks HUST leadership and DAAD Hanoi
08:45-09:00	Forum objectives, thematic framework, and HERA-Net context PD Dr. T.T. Yen Le, HUST / HERA-Net coordinator
09:00-09:45	Keynote: <i>German perspectives on environmental and ecological risk assessment</i> <i>Prof. Dr. Werner Brack (Helmholtz Center for Environmental Research – UFZ; Germany): Monitoring and risk assessment of toxic chemical mixtures in water resources world-wide. Opportunities for HERA-NET</i>
09:45-10:15	Coffee break Networking
10:15-11:15	Scientific core – Session 1: <i>Integrated chemical, ecological, and human-health risk assessment</i> <i>Chair: Prof. Dr. Werner Brack, Helmholtz Centre for Environmental Research (UFZ)</i> <i>10:15–10:35: Assoc. Prof. Dr. Thi Thu Huong Hoang (Hanoi University of Science and Technology): Acute and Chronic Toxicity of Lead to tropical micro-crustacean Moina dubia in Lakes of Hanoi, Vietnam</i> <i>10:35–10:55: Assoc. Prof. Dr. Thi Ha Nguyen (Vietnam National University Hanoi – University of Science): Assessment of Human health and Ecosystem Risks associated with Certain Contaminants in Centralized Water Supply and Wastewater Treatment Plants</i> <i>10:55–11:15: Prof. Dr. Willie Peijnenburg (Leiden University, The Netherlands): Anticipating Rather than Reacting: Towards Integrated Chemical, Ecological and Human-Health Risk Assessment</i>
11:15-11:45	Discussion panel 1: <i>Co-developing integrated HERA approaches for research, policy, and practice</i> <i>Moderator: Prof. Dr. Willie J.G.M. Peijnenburg, Leiden University</i>

11:45-13:10	Lunch break and networking Informal networking and thematic matchmaking
13:10-14:10	Application dimension – Session 2: Applying integrated risk assessment to climate, disaster, and One Health challenges Chair: Prof. Dr. Indrajit Pal, Asian Institute of Technology (AIT) 13:10–13:30: Assoc. Prof. Dr. Quynh Anh Tran (Hanoi Medical University): Health Risks Related to Climate Change in Vietnam 13:30–13:50: Dr. Van Binh Doan (Vietnamese – German University): Nature-based Solutions for Food Security under Climate Change Effects for Sustainable Development in the Mekong Delta 13:50–14:10: Dr. Thanh Hoa Tran (VNUK - University of Da Nang): Burden and Trends of Mental Disorders in Vietnam, 1990–2023: Insights from the Global Burden of Disease Study 2023
14:10-15:10	Enabling dimension – Session 3: Digital tools for integrated risk analysis, early warning, and communication Chair: Prof. Leonard Lee, National University of Singapore (NUS) 14:10–14:30: Prof. Dr. Laurent El Ghaoui (VinUniversity): Opportunities and Challenges for AI and the Environment 14:30–14:50: Prof. Dr. Indrajit Pal (Asian Institute of Technology): Multi-Hazard Livelihood Security and Resilience Assessment and Adaptation Pathways for at-risk community 14:50–15:10: PD Dr. T.T. Yen Le (Hanoi University of Science and Technology): Temperature-Dependent Bioaccumulation of Metals in Marine Mollusks: Integrating Thermal Performance Curves, Machine Learning, and Toxicokinetic Modeling
15:10-15:25	Coffee/tea break Networking
15:25-16:25	DAAD/EURAXESS session: Research in Germany, funding opportunities and networking pathways Facilitators: DAAD Hanoi and EURAXESS
16:25-16:55	Implementation component – Panel discussion 2: Capacity building, digital knowledge hub and collaborative research development Doctoral researcher: Thi Thu Ha Nguyen (HUST) Doctoral researcher: Van Quyen Le (Vietnamese-German University) Advisers: HUST (Assoc. Prof. Dr. Dac Trung Nguyen); DEST (Assoc. Prof. Dr. Thi Thu Huong Hoang); and DAAD Hanoi Discussion: early-career flash pitches, training, mentoring, shared resources, joint studies, publications, mobility and funding
16:55-17:00	Closing remarks Chair: HUST