

**Master's Thesis  
 Examination and Supervision**

**Joint Master of Science, *Geography of Environmental Risks and Human Security***

**Appointment of Examiners/Supervisors**

In accordance with §19 & §20 (2017 Examination Regulations, 31 March 2017) / §20 & §21 (2020 Examination Regulations, 7. September 2020),

- Students must indicate their intended thesis supervisor when registering their master's thesis. They need to approach their intended supervisor directly to discuss the subject, and must obtain approval of their thesis proposal from him/her.
- Master's theses are evaluated and graded by two examiners. Both examiners need to be part of the groups of lecturers stated below.
- If the 1<sup>st</sup> examiner (supervisor) is from the GIUB (University of Bonn), the second examiner is from UNU-EHS and vice versa.
- The 1<sup>st</sup> examiner is the thesis supervisor. The student is entitled to propose the 2<sup>nd</sup> examiner; however the final determination is made by the GIUB Examination Office.
- If no 2<sup>nd</sup> examiner is suggested by the student, the Examination Office will appoint a person once the master's thesis has been submitted in line with the rules above.

**List of possible Examiners/Supervisors from the Joint Master lecturers**

GIUB	Potential areas for thesis supervision
<a href="#">Prof. Dr. Jessica Budds</a>	Economic growth; Environmental governance; Social development in the Global South, with a focus on Latin America.
<a href="#">Prof. Dr. Mariele Evers</a>	Ecohydrology and Water Resource Management
<a href="#">Prof. Dr. Lisa Schipper</a>	Socio-cultural dimensions of vulnerability; development geography
<a href="#">Prof. Dr. Müller-Mahn</a>	Geographical development research and risk research, with a regional focus on the Middle East, East Africa and Korea
<a href="#">Prof. Dr. Lothar Schrott</a>	Natural hazards and risks, sediment dynamics, permafrost and periglacial processes, mass movements
<a href="#">Prof. Dr. Zbynek Malenovsky</a>	Remote sensing
<a href="#">Prof. Dr. Christian Geiss</a>	Machine Learning; Natural Hazard Risk Assessment, Earth Observation Techniques
<a href="#">Prof. Dr. Julian Klaus</a>	Catchment hydrology; Hydrological process research; Hydrological modeling; Isotope hydrology; Ecohydrology Regional foci: Eifel/Ardennes, Southwest Germany, USA (Northwest, Southeast), Canada (Rocky Mountains)
<a href="#">Prof. Dr. Britta Klagge</a>	Energy and infrastructure in Kenya or Namibia

<a href="#">Prof. Dr. Kathrin Hörschelmann</a>	Critical Security Studies; Feminist Security Studies and Feminist Geopolitics; Cultural Identities and Globalisation; Postsocialist Cultural and Social Change; Spatial Representations/Geographical Imaginations
<a href="#">Dr. Alexander Follmann</a>	Urban and Regional Geography
<a href="#">Dr. Carsten Butsch</a>	Health, Urbanisation, Periurbanisation, Risk, Climate Change, Migration Regional Foci: India and Germany
<a href="#">Dr Rainer Bell</a>	Integrative natural hazard and risk analysis and management, cascading hazards and risks; Mountain geomorphology, landslides, floods, permafrost; Early warning systems; GIS, Remote sensing and spatial analysis in general Regional foci: Himalayas (Nepal), Andes, Austria, Germany, Norway, Iceland, China
<a href="#">Dr Michael Schmidt</a>	LandUse/LandCover; Image classification; Time Series analysis; Machine Learning
<a href="#">Dr. Clarissa Glaser</a>	Hydrological modelling; Hydrological field studies; GIS-based hydrological investigations
<a href="#">Dr. Juliane Dame</a>	Food Security; Water Governance; Sustainable Development; Environmental Resources Management; Climate Change Adaptation; Political Ecology; Environmental Governance; Agri-Food Studies Methodological foci: Mixed Method Designs, Qualitative Research Regional foci: India, Chile, Germany

UNU-EHS	Potential areas for thesis supervision
<a href="#">Prof. Dr. Zita Sebesvari</a>	Ecosystem-based adaptation and disaster risk reduction; Interconnected disaster risk
<a href="#">Dr. Saskia Werners</a>	Adaptation; Climate resilient development pathways; Adaptive management and early action systems; Risks
<a href="#">Sönke Kreft</a>	Climate Policy; Climate and Disaster Risk Finance; Climate and Risk Governance; Climate Insurance
<a href="#">Dr. Kees van der Geest</a>	Human mobility in the context of climate change; Loss and damage
<a href="#">Dr. Simone Sandholz</a>	Urban & regional development; Green & grey infrastructures; Transformation; Sustainable urban and regional development; Critical infrastructures; Urban nature-based solutions
<a href="#">Prof. Dr. Joerg Szarzynski</a>	Civil Protection and Humanitarian Relief; Disaster Management; Emergency Preparedness and Response (EP&R); Environmental Change & Sustainable Development in Mountains; Geospatial Earth Observation technologies for DRR and EP&R; Multi Hazard Early Warning Systems (MHEWS) & Anticipatory Action (AA)

<a href="#">Dr. Michael Hagenlocher</a>	Understanding risks (incl. complex, cascading, systemic risks) linked to climate change and (multiple) hazards; floods; droughts; vulnerability and risk assessment; recovery; adaptation in multi-risk contexts
<a href="#">Dr. Yvonne Walz</a>	Ecosystem-based approaches; Nature-based Solutions; Sustainable Land Management
<a href="#">Dr. Robert Oakes</a>	Climate migration; Health and loss and damage (data/empirics/policy/framing)
<a href="#">Michael Zissener</a>	Climate Risk Insurance
<a href="#">Dr. Maxime Souvignet</a>	Climate change adaptation, Climate Risk Insurance, Risk and Uncertainty Modelling
<a href="#">Dr. Ambe Emmanuel Cheo</a>	Water Management; Food Security; Agriculture; Water Energy and Food Nexus; Climate Change
<a href="#">Dr. Himanshu Shekhar</a>	Digitalization; Urban risk; Climate change adaptation in urban areas; Science to policy exchange; Urbanization; Wellbeing
<a href="#">Dr. Jack O'Connor</a>	Ecosystem-based adaptation in marine / coastal areas; Interlinking biodiversity and disaster risk reduction
<a href="#">Dr. Flávia Guerra</a>	Mixed-methods research on mindset shifts; New narratives and behavior changes towards urban sustainability transformations in Latin America; Multilevel climate governance approaches; Just transition
<a href="#">Dr. Andrea Ramirez</a>	Urban Nature-based Solutions; Latin America; Urban Governance; Strategies for urban sustainability
<a href="#">Dr. Stefan Schneiderbauer</a>	Climate change impact and related risk, particularly with a focus on non-bio-physical aspects; Risk analysis in mountain areas; Methods for risk assessment and evaluation; Local knowledge within DRR / CCA; Risk awareness and risk perception issues
<a href="#">Dr. David Daou</a>	AI; Climate modelling; Remote sensing; Drought detection; Data science and analysis; Earth Observation; Programming
<a href="#">Dr. Navneet Kumar</a>	Climatology; Geoinformatics (Remote sensing and GIS); Hydrological Modelling; Multi Hazard Early Warning Systems (MHEWS); Natural Resources Management
<a href="#">Sinja Buri</a>	Climate Disaster Risk Finance & Insurance (also interlinked with Gender, Social Protection, Anticipatory Action discussions); Financial Inclusion; Disaster Risk Financing Solutions and their Implementation