

Vietnam-Germany Joint Research Call

Bilateral MOST-BMBF pilot call for joint research proposals on: Sustainable Cities and Urban Regions – Risk Management at Extreme Natural Hazards in Vietnam and Germany

- Call publication:** 15.09.2021; proposal submission deadline: 30.11.2021
- Joint project start:** 02.01.2023; funding period: Maximum 3 years
- Joint funding amount:** BMBF: Max. 350.000 € per project, MOST: 200.000-300.000 € per project
- Joint funding types:** Funding of staff, travelling, workshops, equipment and material.
- Goal of the call:** This call invites proposals for Vietnamese-German joint projects of **applied and transdisciplinary research in the area of sustainable cities and urban regions on risk management of extreme natural hazards in Vietnam and Germany**. Management of risks of one or several natural hazards includes **prediction of the occurrence, monitoring, assessment of the severity of the impacts of hazards, and the development of measures to minimize their risks in cities and urban regions of both Vietnam and Germany**.
- Based on the complementary integration of local knowledge, experience and research infrastructures from Vietnam and Germany, sustainable cooperation structures are initiated between Vietnamese and German partners and concrete contributions to increase the resilience of Vietnamese and German cities or urban regions are proposed and demonstrated.
- Thematic focus areas:** Proposals need to address one or several of the following focus areas:
1) Flooding, 2) Extreme droughts, 3) Storm surges
- Eligible applicants:** Public sector research performer like universities and academies of science and technology, especially involving early-stage researchers based in Vietnam and Germany.
- Associated partners:** The associated partners may complement the project partners, but would not receive funding. They may involve e.g. institutions from politics, administration, planning, civil society, and economy, especially small and medium sized enterprises in Vietnam and Germany.
- Funding requirements:** Proposals are requested to capture a very high degree of practical and transdisciplinary relevance. Examples of some of these requirements include:
- Development of forecasting tools and methods which integrate risk management for natural hazards at different spatial and temporal scales in cities or urban regions;
 - Modeling of strategies and scenarios on risk management of urban functions under consideration of regulative framework conditions (legal basics), socio-economic, ecological and climate change developments in cities or urban regions;
 - Transdisciplinary sustainable benefit research concept by identifying and realizing mutual benefits along the value chain of all research partners, associated partners and stakeholders involved in the joint project; this requires to clarify who will be engaged at which level, with which role and will benefit at which degree.
- Priority research locations:** **Cities and urban regions** in Vietnam - with flooding: Ho Chi Minh City, - with extreme droughts: South and central Vietnam cities and urban regions: - with storm surges: Da Nang, Hai Phong; all other cities and urban regions in Vietnam and Germany facing these hazards.
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