



Bilateral BMBF-MOST Pilot Call for Joint Research Proposals

Sustainable Cities and Urban Regions – Risk Management at Extreme Natural Hazards in Vietnam and Germany

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Call Goal and Thematic Focus Areas

- Applied and transdisciplinary research in the area of sustainable cities and urban regions on risk management of extreme natural hazards in Vietnam and Germany
- Thematic focus areas:
 - 1) Flooding such as caused by heavy & prolonged rainfall
 - 2) Extreme droughts
 - 3) Storm surges





Key Call Details

- Funding period: Maximum 3 years
- Joint funding amount:

BMBF: max. 350.000 € per project

MOST: 200.000-300.000 € per project

- Joint funding types: Staff, travelling, workshops, equipment, material
- Joint start date of BMBF / MOST funding for complementary research
- **Joint monitoring and evaluation** of project progress

Key Call Details

- Selection of top-level proposals with highest innovation potential and most complementary top GER-VN teams
- Mutual learning among project participants and between project participants and policy/implementation actors
- Transdisciplinary research: Involvement of society, implementation actors, industry as necessary to address real demands, facilitate result uptake and implementation
- Consideration of mutual benefits for both GER and VNM

Complementary Studies

- Research studies in GER <u>and</u> VN cities or urban regions
- Select study areas in GER and VN on the basis of the same hazard(s)
- Demonstrate complementarity of selected study areas for strongest mutual learning benefit by jointly developed research results
- Describe clearly the **need** for risk management research for the selected study areas

Impact Model

Science & Strategy Contribution S&T Capacity & Cooperation **Socio-Economic Contribution** Increase of resilience of cities and urban Contributing to the global knowledge Enhancement of S&T capacity in society, internationalisation strategy of GER and VN and intensification of regions in GER and VN against GER, and STI strategy of VN bilateral cooperation natural hazards Enhancement of sustainable city / Key-skills developed in early Design specification and finance plan urban region hazard risk management career researchers to engage in for implementation of research results research cooperation structures and follow-up projects in GER / VN processes Number of project staff implementation tested by experiment / Number and training levels of Establishment of network activities Feedback collection from decision Natural hazard focused risk management research studies in GER & structures with current GER / makers, beneficiaries e.g. at Activity VN projects / universities German Vietnamese Science Days and VN cities / urban regions Integration of existing knowledge, Training of early career Networking with academic and databases, analyses, prototypes, implementation actors in GER / VN researchers requirements 2 Input Existing science, historical data, Public funds, own funds, Own academic, implementation and

in-kind services and contributions

analyses, prototypes, requirements

policy networks in GER / VN

Required Information Input

- Demonstrate availability or how you access relevant information on methods, study area, existing solutions and networks as basis for own research
- Describe how you integrate existing information, networks with newly to be acquired information and networks
- Descripe key state-of-the art research globally, Germany/Vietnam and clear indication of own contributions

Network activities and structures

- Need to network with relevant actors from research, implementation, decision making, etc. for exchange of knowledge, involvement, governance, support, outreach...
- Need to initiate sustainable oriented network structures or to contribute to existing structures

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