

FLOOD ADAPT



Integrating Ecosystem-based Approaches into Flood Risk Management for Adaptive and Sustainable Urban Development in Central Viet Nam

Kick-Off Meeting of FloodAdaptVN Research and Development Phase

June 15th 2021 (hybrid event with in person and virtual attendees)

The objective of FloodAdaptVN is to reduce current and future flood risks through the implementation of targeted ecosystem-based adaptation strategies into the flood risk management frameworks in Central Vietnam. More specifically, the aims of FloodAdaptVN are to

- 1) understand and assess the drivers, spatial patterns (incl. hotspots), and dynamics of present-day and future flood risks (2030, 2050, 2100),
- 2) investigate entry points for and barriers towards the implementation of disaster risk reduction (DRR), risk transfer (i.e. insurance) and adaptation solutions (with a strong focus on ecosystem-based approaches),
- 3) co-develop a decision support tool for risk-informed (spatial) planning and prioritizing among different DRR, risk transfer and adaptation measures and,
- 4) foster capacity development.

During a Definition phase (08/2019-03/2021), the modular FloodAdaptVN approach was developed and successfully tested in pilot applications. Due to the promising results of this phase, the Federal German Ministry for Education and Research (BMBF) **approved the funding of a 48-month Research and Development phase**. The assessment of current flood risks and potential future flood risks under different Representative Concentration (RCP) and Shared Socioeconomic Pathways (SSP) scenarios is performed through a modular modelling framework adapted to local conditions as well as transferable to other regions. Existing and planned disaster risk reduction, risk transfer and adaptation measures are identified and assessed against a multi-criteria catalogue including impact mitigation, protection objectives, social acceptability, cost-benefit ratio, potential maladaptive impacts and synergies with the Sustainable Development Goals (SDGs) of the 2030 Agenda. The modular approach will be made available in a designated Flood Information System (FRAME).

With the Kick-Off event, the experiences and results of the 21-month Definition phase will be shared, as well as an outlook on the collaborative activities of the Research and Development phase provided.

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Visit our homepage
<https://floodadapt.eoc.dlr.de/>



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Schedule KickOff

CET / ICT		Moderation / Presenter
08.30 / 13.30 h	Opening of online meeting room / Technical support	-
09.00 / 14.00 h	Welcome	Assoc. Prof. Dr. Nguyen, Hoang Khanh Linh Hue University International School (HUIS) & Dr. Felix Bachofer, German Aerospace Center (DLR)
09.10 / 14.10 h	Opening speeches	Assoc. Prof. Huynh Van Chuong Vice President Hue University
		Chairman Nguyen Van Phuong People's Committee Hue (CANCELLED)
		Dr. Heike Bauer (BMBF / PT-DLR)
09.40 / 14.40 h	Floods in Autumn 2020	Mr Le Dien Minh Provincial Committee for Flood and Storm Control (CFSC)
10.00 / 15.00 h	Project objectives of FloodAdaptVN (R&D) and outcomes of the Definition Phase	Dr. Felix Bachofer (DLR)
	ECA VN and FRAME tools	Dr. Maxime Souvignet; Munich Climate Insurance Initiative & Dr. Andreas Braun; University of Tuebingen
10.40 / 15.40 h	Stakeholder statements	Prof. Dr. Nguyen, Hoang Khanh Linh (HUIS)
11.00 / 16.00 h	Questions and open discussion	Prof. Dr. Nguyen, Hoang Khanh Linh (HUIS) & Dr. Felix Bachofer (DLR)
11.15 / 16.15 h	Summary and closing remarks	Dr. Felix Bachofer (DLR)
11.25 / 16.25 h	End	

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