This course runs from
24 April till 12 May 2017
at UNESCO-IHE in Delft

Planning and delivery of flood resilience

UNESCO-IHE
Institute for Water Education

Deltares
Enabling Delta Life

AGWA

Planning and delivery of flood resilience

Flooding can have devastating impacts on societies and their economies. Recovering from these impacts might be very difficult, especially in urban areas where social and technical systems are interdependent. Over the coming decades, it is expected that the frequency and intensity of floods will increase due to climate and socio-economic change. Building resilience to flooding is an important need to sustain the liveability and economic competiveness of cities and regions worldwide. This course gives you a thorough introduction to planning and delivery aspects of flood resilience.

The course is intended for:

- Flood risk managers, local planners and river basin council members
- Others (i.e. consultants) involved in supporting decision making with regard to flood risk management

In this course, participants will focus on a series of topics, including: resilience of flood risk systems, objectives & stress-testing objectives, strategies to improve flood resilience, evaluation within adaptation pathway sequences, and adaptive plans incl. institutional and monitoring arrangements.Upon completion, the participant should be able to:

- Define the concept of flood resilience, together with its added value for flood risk management;
- Define objectives for reducing flood risk and improving flood resilience, and stress-test these objectives against climate change;
- Develop a variety of adaptation strategies, focusing on all aspects of flood risk management: protection, prevention, preparedness, emergency response and recovery;
- Evaluate adaptation strategies and pathways under the influence of climate change;
- Design an adaptive plan based on the developed pathways, including the necessary arrangements for implementation and monitoring.

A workshop on the Bangladesh Delta Plan 2100 addresses these learning objectives in an integrated manner. It combines multiple learning methods, like working in groups, analysing a problem and doing student presentations.

CONTACTS

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Apply before 23 March 2017 at www.unesco-ihe.org/planning-and-delivery-flood-resilience-0