



How to arrive

TUHH Building A, Room 1.15
Schwarzenbergstr. 93
21073 Hamburg

Public Transport:

- City train (S-bahn)
S3, S31 Harburg-Rathaus
- Bus 142:
TUHH-Kasernenstrasse

Contact and registration:

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Free registration

Limited capacity

Register:
Until June 15th

The event will be held in English

FINAL WORKSHOP HAMBURG CASE STUDY 25th June 2014



Hamburg University of Technology (TUHH),
Schwarzenbergstraße 93, Building A, Room 1.15

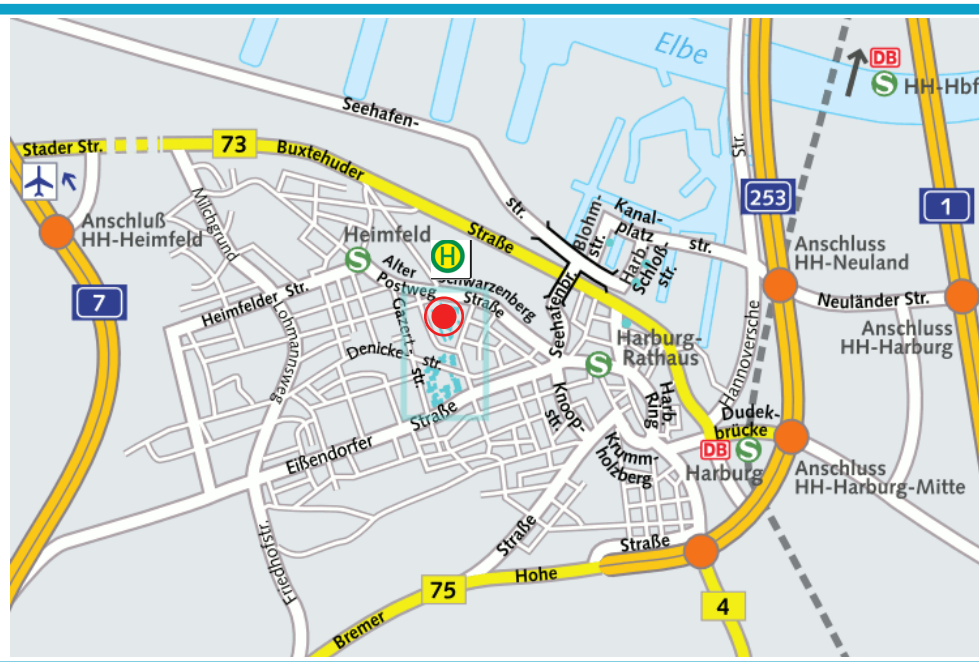


Photo:BSU, 2007 - CC



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no: 244047



ORGANIZATION



CORFU at a glance

Title: Collaborative research on flood resilience in urban areas

Instrument: FP7-ENV, CP-SICA

Total Cost: 4,711,598 €

EC Contribution: 3,490,000 €

Duration: 48 months

Start Date: 01/04/2010

Consortium: 17 partners from 10 countries

Project Coordinator: Slobodan Djordjević, University of Exeter, UK

Key Words: Flood resilience, urban flooding, rainfall patterns, climate change, hazard assessment, risk management, resilience measures



The Challenge

In Europe alone, hundreds of severe floods in the first decade of 21st century led to more than one thousand deaths, displacement of half a million people and damage and economic losses amounting to tens of billions of Euros. Projections of climate change and urban growth indicate that flood risk will be exacerbated in many regions.

Consequently, governments, policy makers and communities worldwide are forced to review flood management strategies and invest more in portfolios of measures. The EU Floods Directive and the wider EU Flood Action Programme call for improved flood forecasting and early warning systems as well as for flood risk mapping.



A flood event in Hamburg, June 2011, Source: Dennis Dorendorf

Project objectives

Collaborative research on flood resilience in urban areas (CORFU) is an interdisciplinary international project that looks at advanced strategies and measures for improved flood management in cities. Through a four-year collaborative research programme, the latest technological advances will be cross-fertilised with traditional and emerging approaches to living with floods.

Project objectives include determination of the interactions between economic and urban growth, societal trends and the urban structure; real time urban flood forecast systems development; assessment of health impacts of flooding by combining hydraulic modelling with QMRA; enhancement of existing flood risk management strategies, all through a series of case studies.

The overall aim of CORFU is to enable European and Asian institutions to learn from each other through joint investigation, development, implementation and dissemination of strategies that will enable more scientifically sound management of the consequences of urban flooding in the future.

The advancements of the project have been demonstrated in several case studies: Barcelona, Beijing, Dhaka, Hamburg, Mumbai, Nice, Taipei, Incheon/Seoul. In this workshop, the results of the Hamburg case study are presented.

FINAL WORKSHOP HAMBURG Wednesday 25th June 2014

9:00-12:15	Block 0: Kalypso Day Kalypso Day including CORFU poster session and the CORFU movie (See the corresponding agenda at http://kalypso.bjoernsen.de/index.php?id=366)
12:15-13:30	LUNCH BREAK
13:30-14:00	Block 1: Introduction <ul style="list-style-type: none"> 13:30-13:45 Welcome and introduction, Prof. Peter Fröhle, Head of the Institute of River & Coastal Engineering, TUHH 13:45-14:00 CORFU Project, Prof. Slobodan Djordjevic, University of Exeter, CORFU Project Coordinator
14:00-16:00	Block 2: Presentation of Hamburg case study area <ul style="list-style-type: none"> 14:00-14:30 Flood Risk Assessment in Wilhelmsburg, Hamburg, Gehad Ujeyl, TUHH 14:30-15:00 Flood Risk Management Planning in the Wandse catchment, Hamburg, Natasa Manojlovic, TUHH 15:00-15:20 Exploring futures: Urban growth modeling for Hamburg, William Veerbeek, Dura Veermeer 15:20-15:40 Exploring futures: Economic growth assessment for Hamburg, Dr. Friso Schlitte, HWWI 15:40-16:10 Invited/CORFU presentation [tbc]
16:10-16:30	COFFEE BREAK
16:30-17:30	Block 3: Panel discussion "Models and tools for decision making in flood risk management - opportunities and challenges" (moderated by Prof. Peter Fröhle, TUHH) <ul style="list-style-type: none"> Prof. Gabrielle Gönnert, LSBG, Hamburg Helga Schenk, BSU, Hamburg Prof. Slobodan Djordjevic, University of Exeter, CORFU Coordinator Panelist Hamburg [tbc] Panelist CORFU [tbc] Panelist International [tbc]
17:30-17:45	Block 4: Final remarks <ul style="list-style-type: none"> Wrap up and conclusions, TUHH