ADVANCES IN
URBAN FLOOD MANAGEMENT

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EDITORS
Advances in Urban Flood Management

One of the effects of global climate change is the increasing variability of extreme flood events and cyclones. Current measures to mitigate flood impacts, particularly in the urban environment, are based on a large number of European research groups and aims to increase the knowledge required for preventing and mitigating potential flood impacts in urban areas. It comprises four working groups: Flood modelling and probability assessment, Flood risk assessment and mapping, Flood resilience, Integrative concepts of urban flood management. All these themes and their current results are addressed in this publication.

Background: Following an International Expert Meeting (Nov. 2004), which led to the book Urban Flood Management, edited by Andras Szöllösi-Nagy and Chris Zevenbergen (see right), action C22 on Urban Flood Management was launched in March 2005, as part of a COST project. C22 brings together a large number of European research groups and aims to increase the knowledge required for preventing and mitigating potential flood impacts in urban areas. It comprises four working groups: Flood modelling and probability assessment, Flood risk assessment and mapping, Flood resilience, Integrative concepts of urban flood management. All these themes and their current results are addressed in this publication.

*COST (1971): intergovernmental framework for European Co-operation in Scientific and Technical Research. COST Actions cover basic and pre-competitive research as well as activities of public utility.

**Contents**

1. Challenges in Urban Flood Management
2. Sustainable Measures for Flood Attenuation - Sustainable Drainage and Conveyance Systems SUDACS
3. Characterisation of Urban Streams and Urban Flooding
4. Flood Modelling in Urban Rivers – the State-of-the-Art and Where to Go
5. Urban Flood Management – Simulation Tools for Decision Makers
6. Flood Frequency Analysis for Extreme Events
8. Role of Detention and Retention Basins in Stormwater Management and Environmental Protection
9. Flood Induced Indirect Hazard Loss Estimation Models
10. Flood Damage Estimation and Flood Risk Mapping
11. Flood Risk Modelling in Urban Watercourses – Results of the European FLOWS Project
12. Flood Repair Standards for Buildings
13. Economic Feasibility Study of Flood Proofing Domestic Dwellings
14. Local Flood Defence Systems in Europe
15. European Flood Strategies in Support of Resilient Buildings
16. FloReTo – Web Based Advisory Tool for Flood Mitigation Strategies for Existing Buildings
17. New Approaches to Flood Risk Management - Implications for Capacity-Building
18. Towards Integrated Approaches to Reduce Flood Risk in Urban Areas
19. Hydrological Modelling of Floods
20. An Overview of Flood Protection Barriers
21. An Innovative Semi-Permanent Flood Protection Structure – Alternative to Sandbags and Supplements to Conventional Earth Embankments
22. The English Planning System and Flood Risk Management
23. French Regulations for Urban Flood Management

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