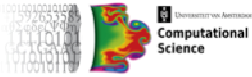


UrbanFlood Partners



TNO (Netherlands)



University of Amsterdam (Netherlands)



HR Wallingford (United Kingdom)

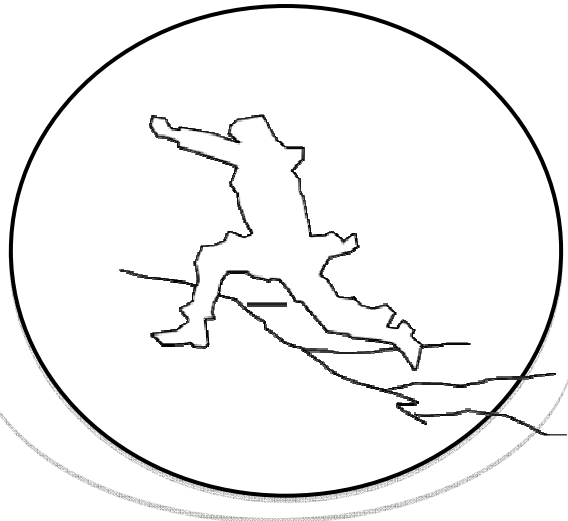
STOWA (Foundation for Applied Water Research, Netherlands)



ACC Cyfronet AGH (Poland)



OOO SIEMENS (Russia)



Do you want to be kept informed?

Sign up for the **UrbanFlood newsletter**, stating your contact details: name, organization, and your e-mail address.

This is possible via the website www.urbanflood.eu or via an email to newsletter@urbanflood.eu

UrbanFlood

PO Box 1416

9701 BK Groningen

The Netherlands

www.urbanflood.eu

E-mail info@urbanflood.eu

Design Jacqueline.Bredius@gmail.com

Photos with thanks to IJkdijk and Images Google nce.co.uk and denmarkhill.wordpress.com



UrbanFlood



UrbanFlood

UrbanFlood is a European project funded under the EU 7th framework Programme *. UrbanFlood is investigating the use of sensors within flood embankments to support online early warning systems and real time emergency management. Application of the concepts to support routine asset management, which includes the regular inspection of dikes, will also be considered. Safer dikes are not only stronger but also smarter dikes.

** Theme ICT-2009.6.4a. ICT for Environmental Services and Climate Change Adaption.
Grant agreement no. 248767 Project from December 1, 2009 until November 30, 2012*



What is UrbanFlood?

Early Warning Systems (EWS) can play a crucial role in mitigating flood risk by detecting potentially unsafe conditions and predicting the onset of a catastrophe before the event occurs, and by providing real time information on the behaviour and strength of a flood defence structure during an event.

UrbanFlood will investigate and show the feasibility of remotely monitoring dikes and floods, whether from nearby offices or from other countries and continents through the secure use of Internet based technology.

The systems that process and use the sensor data, such as models of the flood defence structure, failure mechanisms, breach development and the resulting flood inundation, along with the necessary visualization software, will all be linked

using Internet technologies. This will be achieved through the combination of six partner organizations, drawn from four different countries, each a leading organization within its own specialist field.

For more details please visit the UrbanFlood website (www.urbanflood.eu) or contact the project coordinator: robert.meijer@tno.nl (+31(0) 88 86 65753).



Dikes not only stronger but smarter

Sensors make dikes smarter