Adaptive decision support system for stormwater pollution control

Fact Sheet

Project information

DAYWATER

Grant agreement ID: EVK1-CT-2002-00111

Project website

Start date 1 December 2002 End date 31 March 2006

Funded under:

FP5-EESD

Overall budget:

€ 3 241 593

EU contribution

€ 2 465 198

Coordinated by:

ECOLE NATIONALE DES PONTS ET CHAUSSEES

France

Objective

The project aims at developing an adaptive decision support system (ADSS) for use by stakeholders involved in urban storm water management where decisions are made on many scales reflecting the spatial topology of urban catchments and the dynamic nature of urban development. The ADSS is a combination of simulation models, assessment tools, databases, guidance documents, road maps etc. Part of the research focuses on the functional behaviour of structural and non-structural best management practices (BMPs). Models will be developed for simulating pollution fluxes and assessing their possible source-elimination and fate in structural BMPs, and procedures for environmental risk assessment related to discharge of storm water priority pollutants to surface waters as well as urban soils and ground waters will be developed. The project is carried out by a multi-disciplinary research team and includes end-users and case studies in four European cities.

Programme(s)

FP5-EESD - Programme for research, technological development and demonstration on "Energy, environment and sustainable development, 1998-2002"
Topic(s)

1.1.4.-1. - Key action Sustainable Management and Quality of Water

Funding Scheme

CSC - Cost-sharing contracts

Coordinator

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