KOSIM

info **KOSIM simulates rainfall-runoff-pollution load processes within a sewer system.**

KOSIM calculates flow rates and other deducible values. Because of the dynamics of rainfall events, runoff processes are constantly changing. KOSIM allows to analyze runoff processes in detail, to detect system deficiencies and to optimize the system. KOSIM also supports the design of storage buildings.

KOSIM is designed according to the modular principle:

- KOSIM-MW for the dimensioning and verification of combined sewers and storage buildings
- KOSIM-RW for the verification of troughs, trenches, cisterns for rainwater use and stormwater retention ponds/basins
- KOSIM-XL for the simulation of any storage building (all-in product with KOSIM-RW and KOSIM-MW)
- KOSIM-Optimization as additional module for the optimization of sewer systems

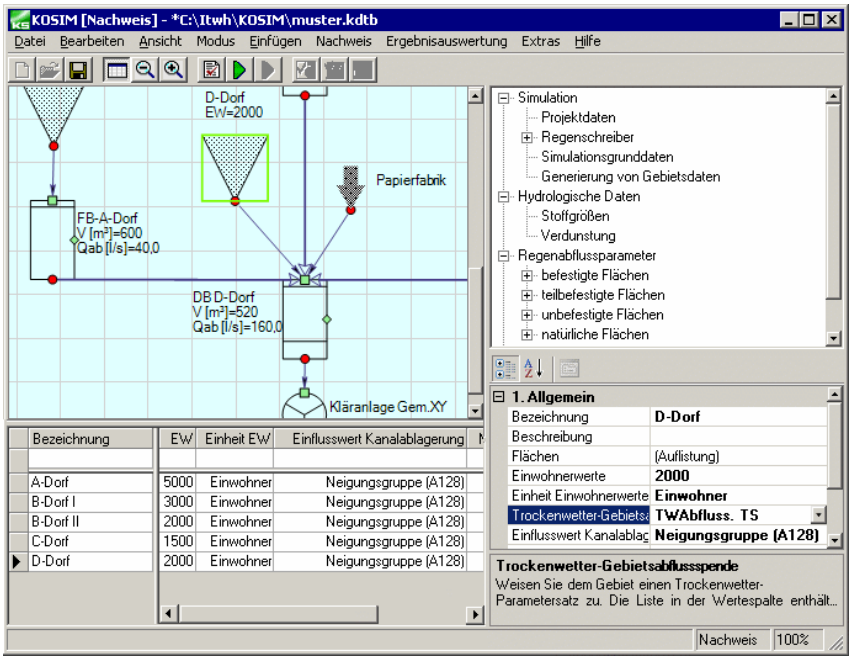
All elements of a sewer system can be defined by a single mouse click. The number of system elements is not limited. KOSIM knows common standards and regulations and observes e.g. the DWA standards A 128, A 138 and A 117.

After simulation, KOSIM provides a result overview in HTML format and allows to generate PDF reports with user-defined layout.

The program is fully integrated into the itwh software product line. KOSIM output files can e.g. be used by HYSTEM-EXTRAN, GESIM and ZEDAN.

System requirements

- Windows XP Prof. SP 2, Windows Vista 32-Bit



- The KOSIM user interface

itwh - Institut für technisch-wissenschaftliche Hydrologie GmbH

Engelbosteler Damm 22
30167 Hannover
Germany
Phone +49 511 97193-0
Fax +49 511 97193-77
E-Mail: itwh@itwh.de
Internet: www.itwh.de