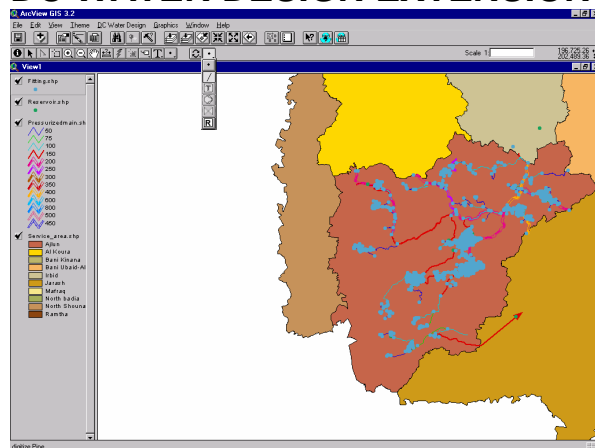Water network digitizing and hydraulic analysis for ArcView GIS

DC WATER DESIGN EXTENSION

DC WATER DESIGN EXTENSION is the free ArcView 3.x solution for network editing and hydraulic analysis with EPANET developed by DORSCH CONSULT.

Application

DC WATER DESIGN EXTENSION is used to edit and analyze hydraulic analysis models in ArcView. The extension allows to create full EPANET hydraulic analysis models from GIS data. The hydraulic analysis can be run from EPANET or directly from ArcView. Analysis results can be imported to ArcView for further analysis/map printing.
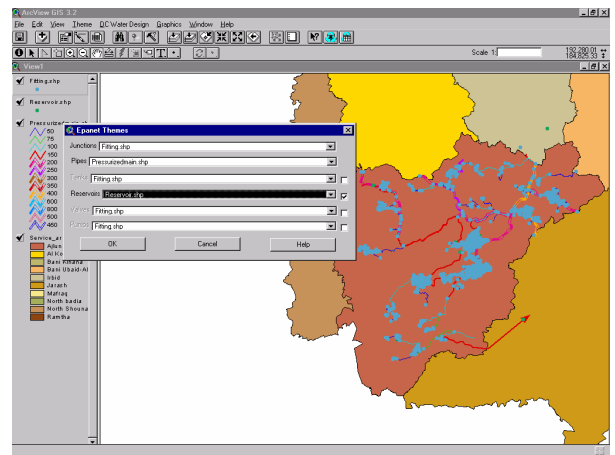
Profile

Easy to use
➢ Completely integrated in the ArcView enviroment
➢ Comprehensive PDF manual
➢ Sample data available on website

Flexible
➢ Internationalized, Arabic, French, German, Russian and English interfaces are available, other languages can be added easily.
➢ Open Source: Full source code is available; easy to extend
➢ Customizable map display

Cost-effective
➢ Build on Open Source software: EPANET
➢ Freely available from the internet
➢ Low hardware requirements

Powerful
➢ Full hydraulic analysis model is editable in ArcView
➢ Quality control functions
➢ Result import
➢ Network traces
➢ Flexible field mapping
➢ Context-sensitive snapping
➢ Virtual Lines and Bytecodes

Popular
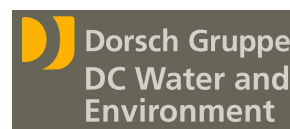➢ The DC Water Design extension has been downloaded more than 8,000 times from the internet

DC WATER DESIGN EXTENSION

Free software released under the Lesser GNU Public license (LGPL).

More information is available on the DC WATER DESIGN EXTENSION website:

http://dcwaterdesign.sourceforge.net

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