StormTac Web is a user friendly stormwater and recipient model, and a modelling tool for stormwater investigations, watershed management and detailed design of stormwater facilities.

The calculations are performed according to the latest findings regarding both data and methods, i.e. the model is continuously updated. One example includes updated land use specific pollutant concentrations. Another includes changed empirical design of treatment facilities when more data is added. The latest trends of climate factors are implemented and the design methods are adjusted for implementation in a broad spectrum of different projects.
One can simulate the effect of changed land use of a development, changed or proposed measures.

Comments from city planners and project engineers.

- They think it's a simple and useful software model that has saved them considerable amount of time and money while planning their city's upcoming stormwater projects.

- They are amazed over just how much easier the StormTac model has made their work, while designing specific solutions for transport, flow detention and treatment, all covered in one model.

The StormTac software came to the market as an Excel application in 2001.
It was developed by PhD Thomas Larm, Stockholm, Sweden, as an integrated watershed management tool for stormwater and receiving water calculations.

In January 2015 the model was converted to a Web application, which took the StormTac team years of work due to its complexity and large amount of data. StormTac Web has hundreds of users (e.g. municipalities, universities and consultants) in several countries, and the number is growing rapidly. It is being adapted to site specific data in different regions of the World.

You can choose between personal licenses or multi user licenses for the whole company/organization.

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StormTac
Stormwater solutions

A stormwater and recipient model

The Web application works well with PCs, tablets or smartphones anywhere

Easy to use with outlined and clickable flowchart

Requires little input

Continuously updated

**No software required**

Areas of implementation

- Calculate stormwater flows, pollutant concentrations and loads of more than 70 substances in the (sub)watershed outlets and from more than 70 land uses, by employing land use specific runoff coefficients and concentrations from a large amount of flow proportional data.

- Design transport conduits such as sewers, ditches, gutters and channels.

- Design and calculate both the treatment and/or flow detention effects of up to 10 optional BMPs (SUDS) in series, of e.g. wet ponds, constructed wetlands, filter strips, grass ditches, macadam ditches, swales, biofilters (bioretention facilities, rain gardens), green roofs, underground retention basins, macadam basins, underground vault structures with filters (baffle boxes) and drain inlet inserts (filters located at catch basins). The design considers site specific parameters such as the share of submerged vegetation area, inlet pollutant concentration and flow detention volume.

- Estimate allowable pollutant loads on the recipient, the required load reduction and changed recipient concentrations to meet the water quality criteria of the receiving water.

CALCULATE BASE FLOW, RUNOFF FLOW AND DESIGN FLOW
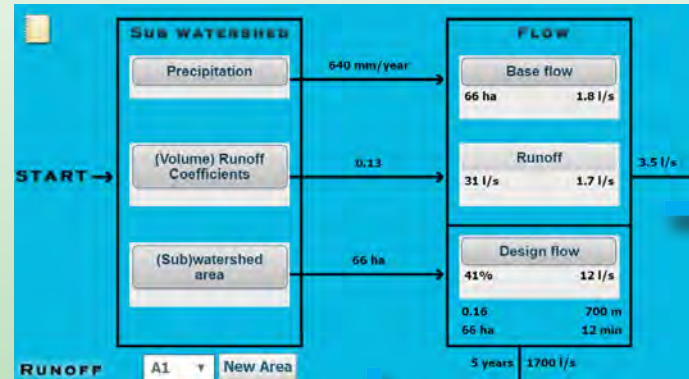
CALCULATE POLLUTANT CONCENTRATIONS AND LOADS
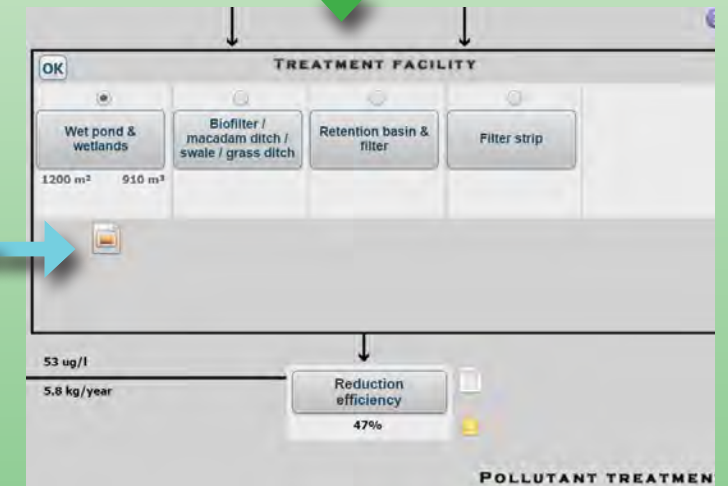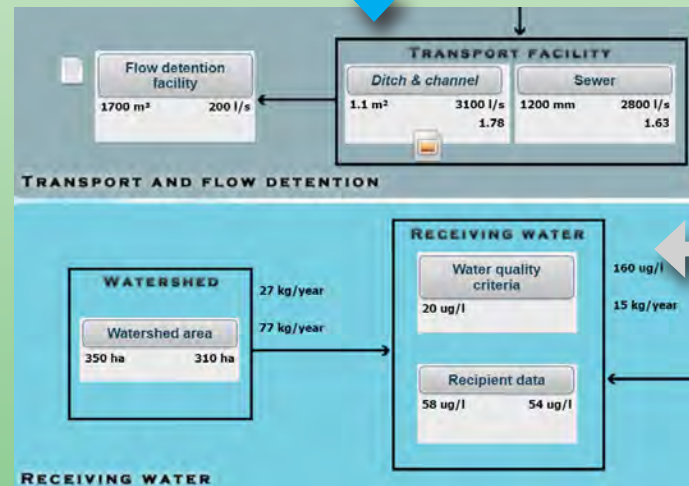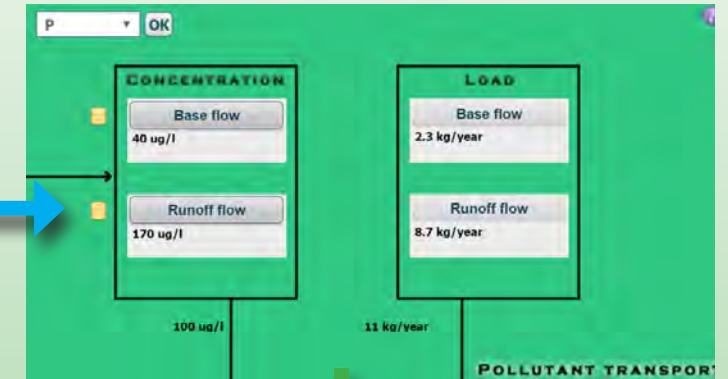
DESIGN FLOW TRANSPORT & DETENTION FACILITIES AND QUANTIFY RECIPIENT EFFECTS

DESIGN (COMBINED) POLLUTANT TREATMENT AND FLOW DETENTION FACILITIES