

Description

GGU-CONTAM-FE/-RW – Calculation of substance transport using a GGU-2D-SSFLOW groundwater system.

The calculation can be performed by the following methods:

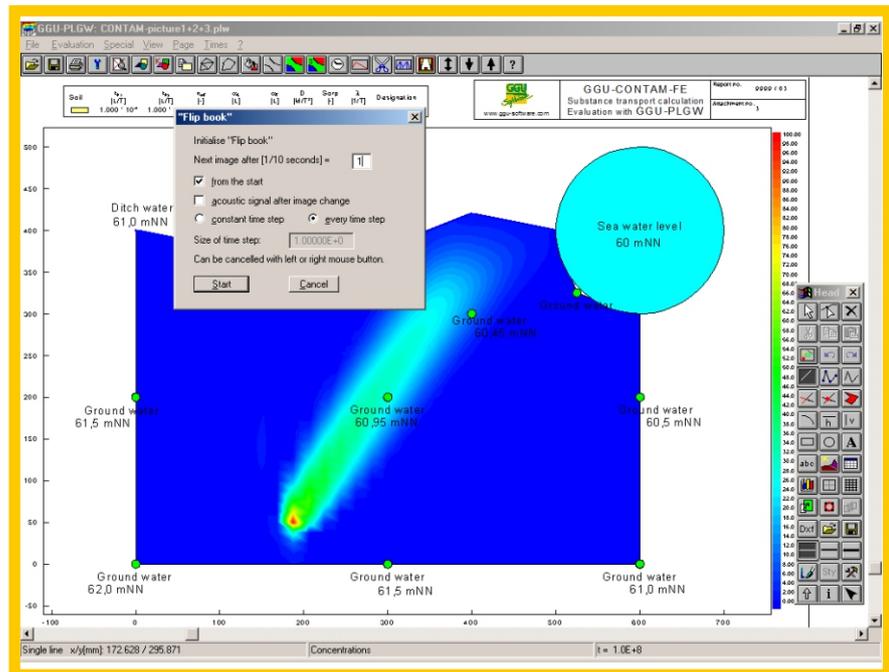
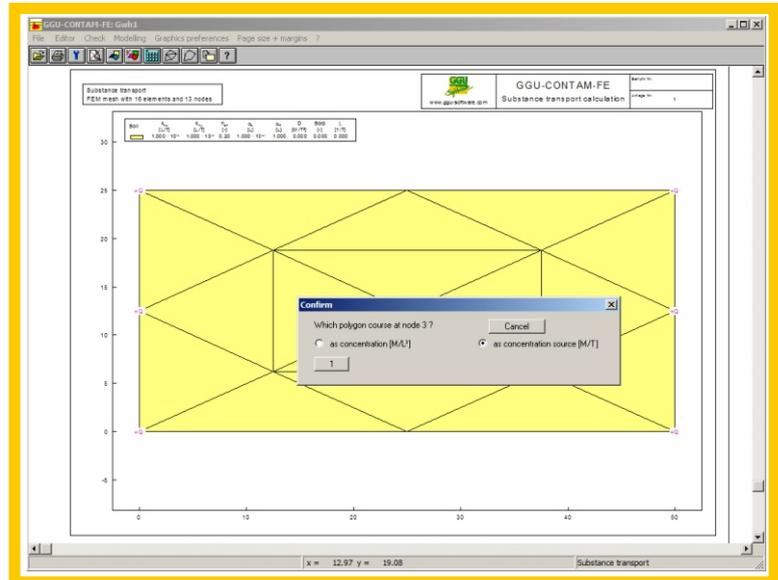
- Finite-Element-Method (CONTAM-FE)
- Random-Walk-Method (CONTAM-RW)

Capabilities:

- Adoption of the steady-state GW data, soil colours, etc. from GGU-2D-SSFLOW
- Consideration of convection, diffusion, dispersion, adsorption and decay
- Generator for boundary conditions
- Consideration of phreatic lines and unsaturated zones

Evaluation and graphical visualisation of analysis results using the supplementary program **GGU-PLGW**:

- Visualisation of concentration distributions in any section
- Visualisation of substance concentration as a profile for individual system nodes
- Visualisation of substance propagation at user-definable times, e.g. as normal, colour-filled or 3D contours
- Animated, on-screen visualisation of substance propagation with time
- User-designed output sheet
- Print or copy screen sections, e.g. for transfer to a word processor
- Integrated Mini-CAD system for additional annotation of graphics



PROGRAM GGU-CONTAM-FE/-RW
GEOHYDRAULIC ANALYSIS

