

WinTrace 1.0

short injection tracing tests

This very user-friendly program has been designed for the interpretation of short injection tracing tests based on the Sauty dispersion formulae. An additional parameter has been added to take into account the "dead volume" effect often observed in karstic regions and rivers.

The tracing test is interpreted by step-by-step adjusting to the field curve a dispersion model with up to 3 cumulatively acting dispersive mediums (reverse modeling). The model takes into account longitudinal and transverse dispersivity, as well as the angle between the directions of flow and of longitudinal dispersivity.

Based on the dispersion model obtained, this program may also be used to simulate the result of any other short injection over any other distance in the same medium.

- Display with true or reduced coordinates
- Up to 3 cumulatively acting dispersive mediums
- Account for dead volumes
- Modeling of 1, 2 or 3 dimensional flow, that is in a river, in an aquifer or to a well
- Mass balance when discharge available
- Interpolation of discharge values
- Free demo version available, fully working but limited to one demo file (Please note that the user manual is presently only in French).

