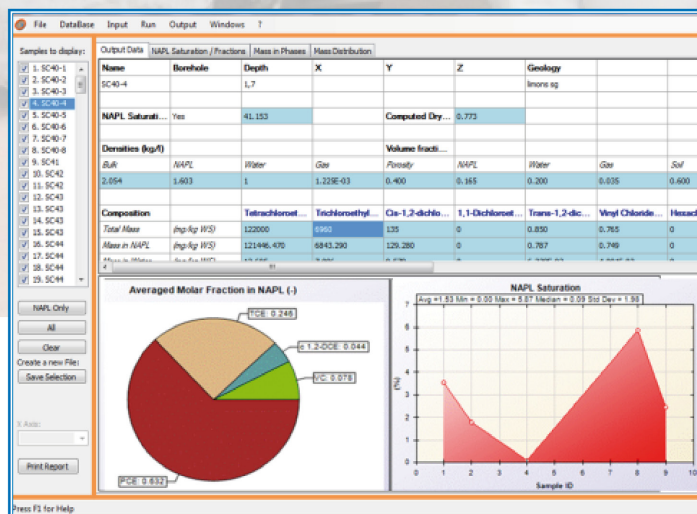
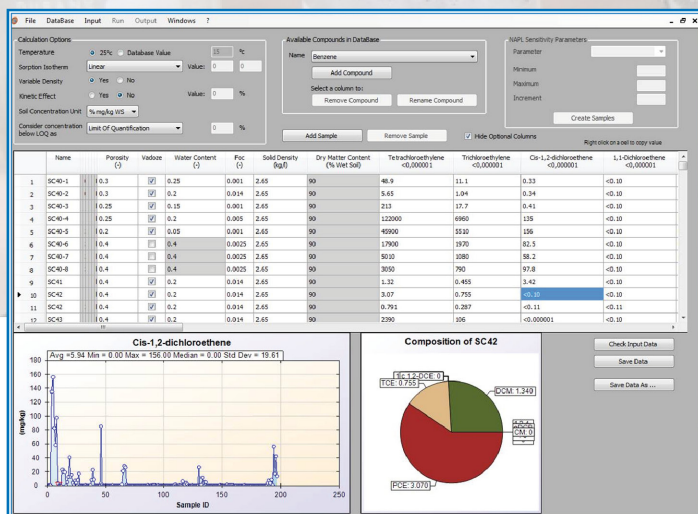




## A NEW SOFTWARE APPLICATION TO HELP YOU CHARACTERISE ORGANIC POLLUTION IN SOIL SAMPLES, ACCURATELY



In many cases, the contaminant concentrations in soil samples revealed by laboratory analyses cannot be interpreted directly, as threshold values of soil concentrations are not available for most organic contaminants. Moreover, the behaviour of organic contaminants is complex as they can be present and transferred in several phases in the soil (water, soil gas, solid and NAPL).

**OREOS** helps you gain a clearer understanding of organic contaminant distribution and potential behaviour in aquifers.

### MAKE SOUND DECISIONS

- Compute the organic contaminant distribution in each soil phase.
- Assess whether a soil sample contains NAPL (Non Aqueous Phase Liquid) or not.
- If NAPL occurs, compute its volume, mass and composition.
- Delineate and quantify source zones (NAPL presence).
- Evaluate contaminant transfers to groundwater and soil gas.
- Make cost-effective decisions on clean-up solutions.

### REACH A HIGHER STANDARD

- Compute over 1000 samples with dozens of contaminants simultaneously.
- Benefit from a database of the physical and chemical properties of 130+ compounds.
- Comply with the MACAOH methodology (protocol recommended by ADEME, the French environment management agency and MEDDE, the French Ministry of ecology, sustainable development and energy).
- Take into account advanced physical processes, such as the temperature effect and non-equilibrium transfers.
- Conduct sensitivity analyses on numerous soil parameters.

### GREATER KNOWLEDGE LEADS TO BETTER SERVICE

For more than two decades, BURGEAP has been a technological leader in contaminated soil and groundwater remediation projects. We designed **OREOS** to help us deliver even more outstanding advisory services to our industrial clients, urban developers and contractors and public authorities.



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