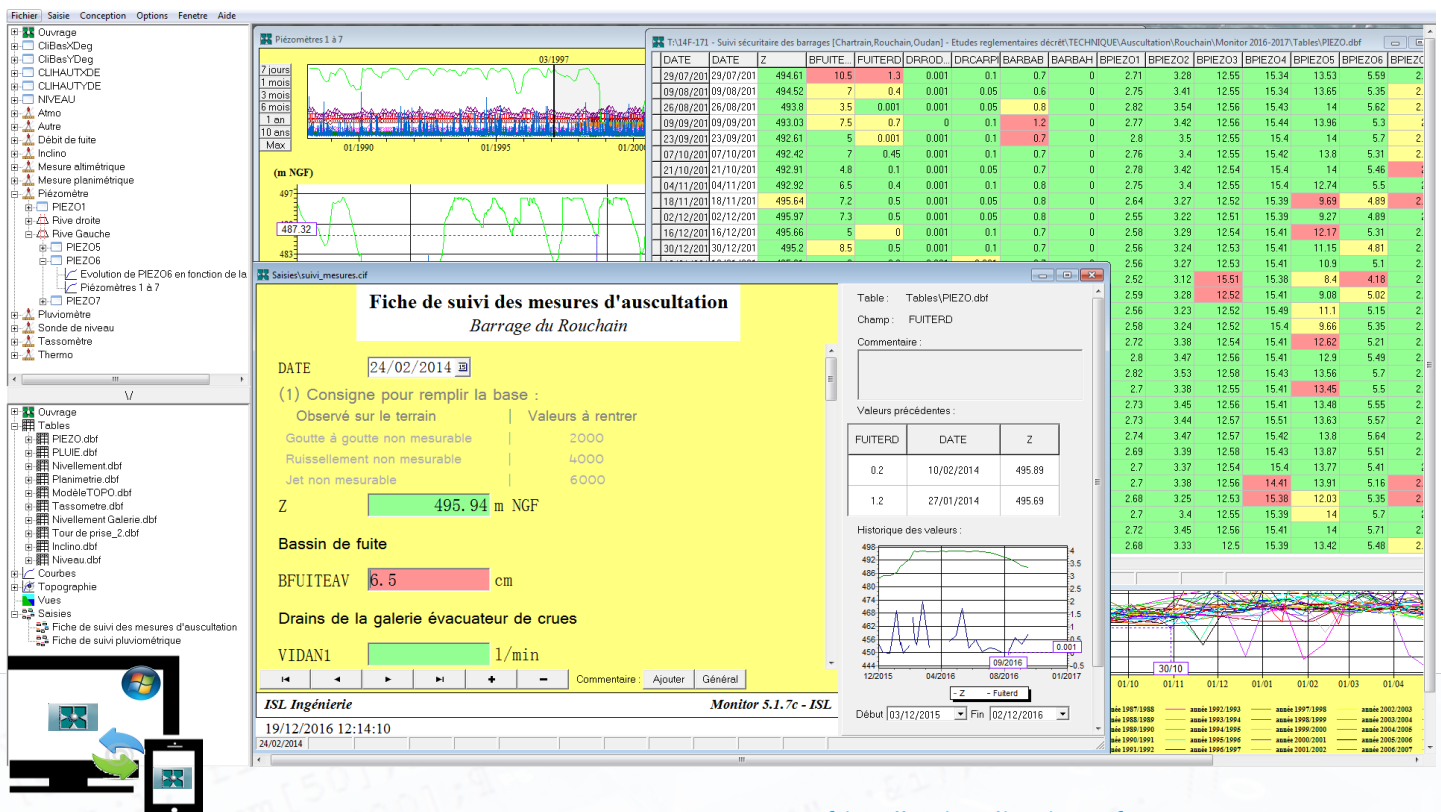


# Dam Monitoring ISL Ingénierie

## Monitor5<sub>ISL</sub> : A user friendly software for civil structures monitoring (dam, levee...)

A tool for the operator : an operational monitoring for level 0 (field) and level 1 (operation)



**Monitoring database management** (seepages, pendulums, level, topographic survey, ...) daily or hourly ensuring the archiving and sorting of raw measurements - Management of a monitoring record of the structure - Data storage on ISL server. Storage of operator comments.

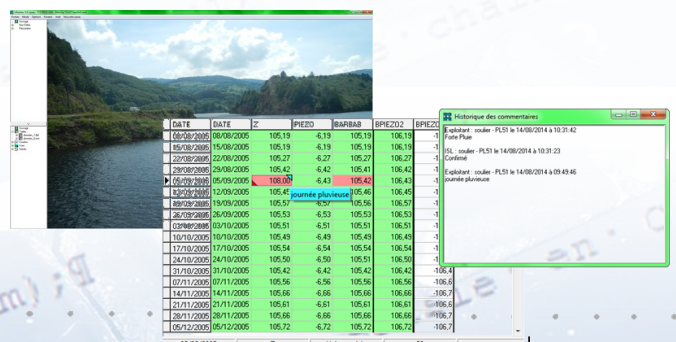
**Field measurement tracking sheet** adaptable according to customer's habits. Available in **connected solution to a rugged touch pad via Monitor5<sub>ISL</sub>-T**.

**Entry alert on errors / thresholds** exceeded according to inputs parameters: regularity, min / max, prediction modeling, ... Alerts summarized in data tables for an overview. Level 0 analysis made more reliable.

**User-friendly visualization of measurements:**

Curves, tables, modeling, 1D view, 2D, dynamic zoom, values display on graph, ...

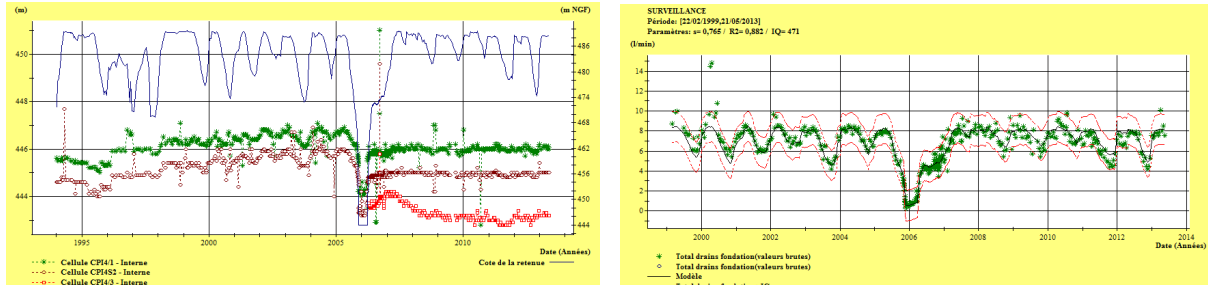
**Automatic Level 1 Reports:** Automatic report editing for simplified level 1 analysis.





# Monitor5<sub>ISL</sub> : A friendly software for civil structures monitoring (dam, levee...)

## Technical software for level 3 professional monitoring

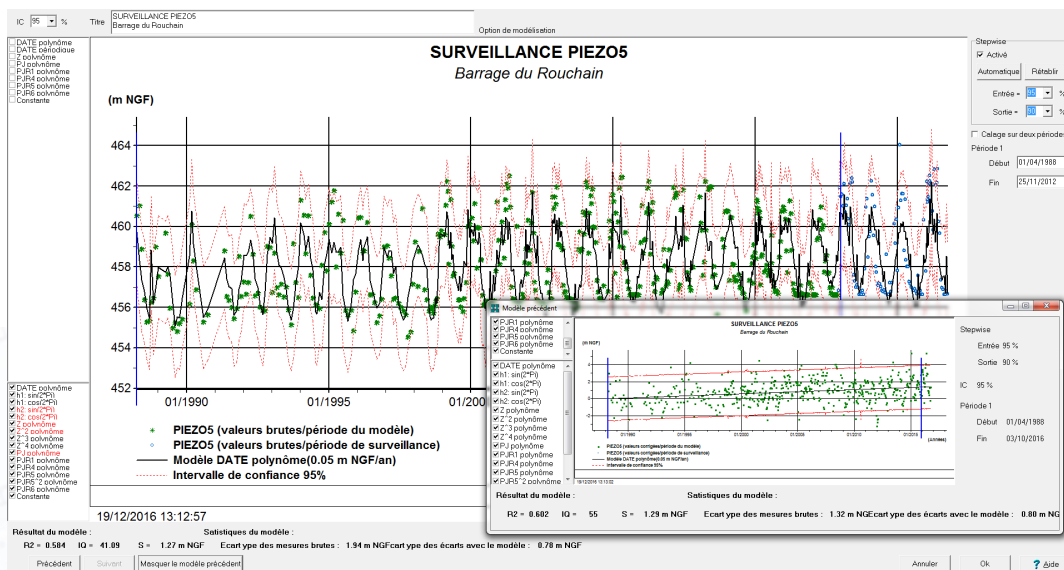


### Realization of multi-variable statistical models

allowing from the dam history to define a behaviour model and to predict its evolution. Module without limit of variable: hydrostatic effect H, seasonal effect S, temporal effect t, rainfall effect P, temperature effect T, delay effect,

**Indicator and modeling assistance:** Stepwise module, R<sup>2</sup> indicator, model comparison,

**Summary sheet for external analysis** allowing the modeling transparency



### But also...

Compatible with Windows - **Easy software installation** - Limitation of written rights. An ISL internal software development allowing to answer as quickly as possible to the customer requests. Online help.

**Free storage format** and compatible with standard Office Packs

**Transdata<sub>ISL</sub>** : additional software to feed the database from an external database (remote instrumentation for instance).

**Outilsynchro<sub>ISL</sub>** : additional software allowing exchanges / backups on an ISL private cloud. Can also be used to synchronize values on an external touch pad

### They trusted Monitor<sub>ISL</sub>

