



**Aim:** Anticipate the evolution of a system according to measured data and history

**Scope:** Sewage, Drinking water, Reuse, Limnology, Hydrology, Water Resource

### Principle of operation:

- ❖ Predict with good probability the evolution of systems and the value of decisive parameters (anticipation of decision).
- ❖ Combination of our field and business approach, engineering and mathematics tools
- ❖ Decision aid giving systems very performants, robusts and innovatives (association with data-mining and self-learning tools)



### Examples:

- ❖ Ensure the performance and reliability of sewage treatment system: avoid bulking
- ❖ Optimisation of oxygenation (energy consumption)
- ❖ Optimisation of sequencing (energy consumption)
- ❖ Optimisation of the adjustment of sludge extraction depending on seasons(energy prices)
- ❖ Optimisation of chemical reagents (dosage)

### Others services

- ❖ Use of Water Robotics data acquisition tools
- ❖ Data vizualisation on our website