

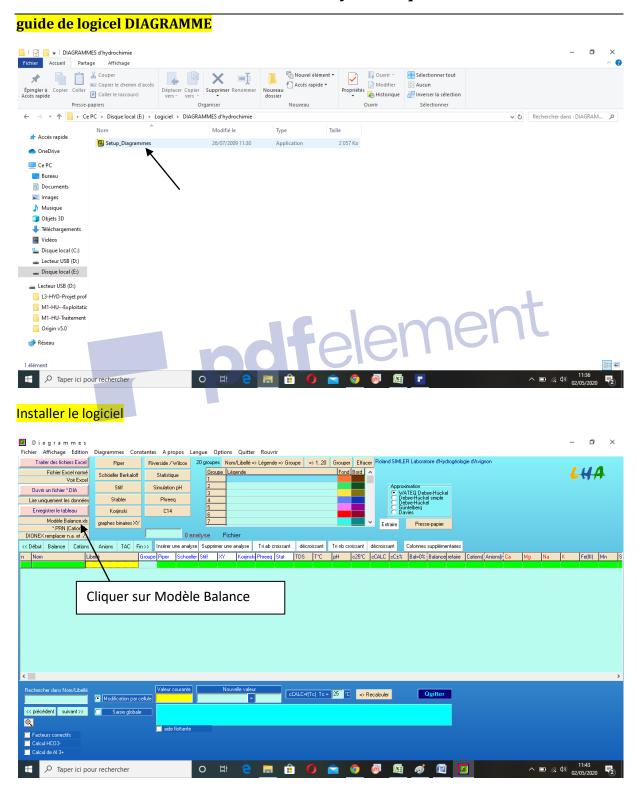
Année 2019-2020

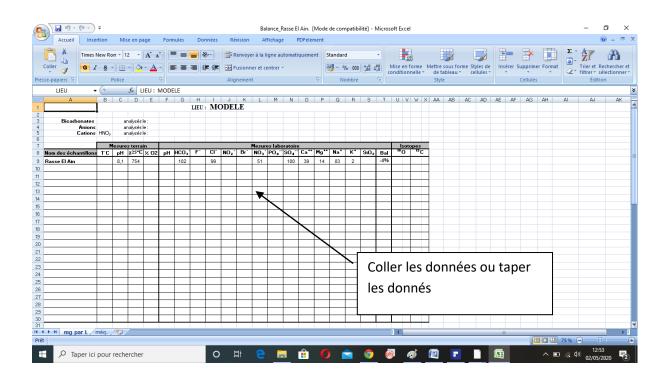
Université de Moulay Tahar S aida

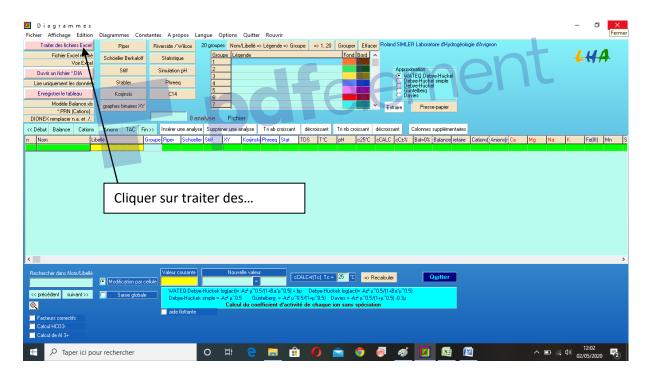
Faculté de Technologie

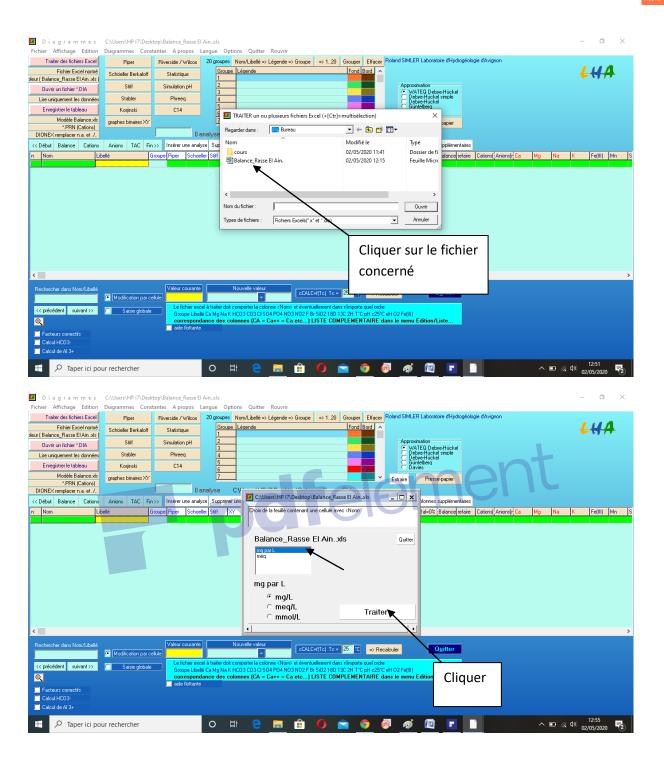
Département de Génie Civil et de l'Hydraulique

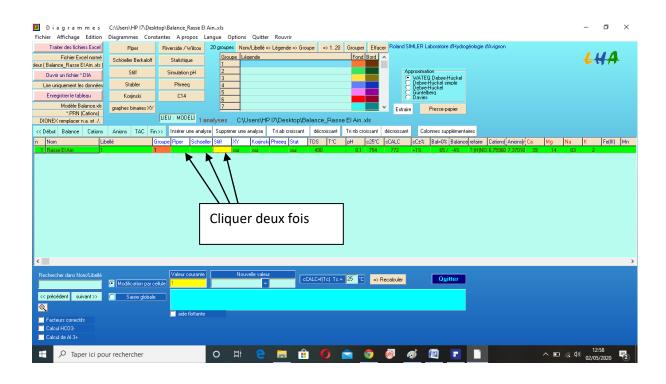
1ème années Master en hydraulique Urbain

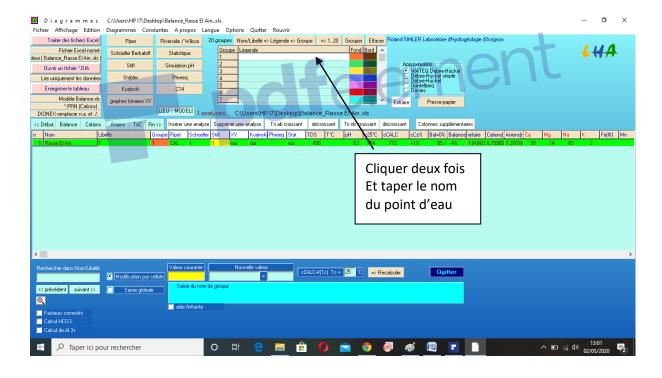


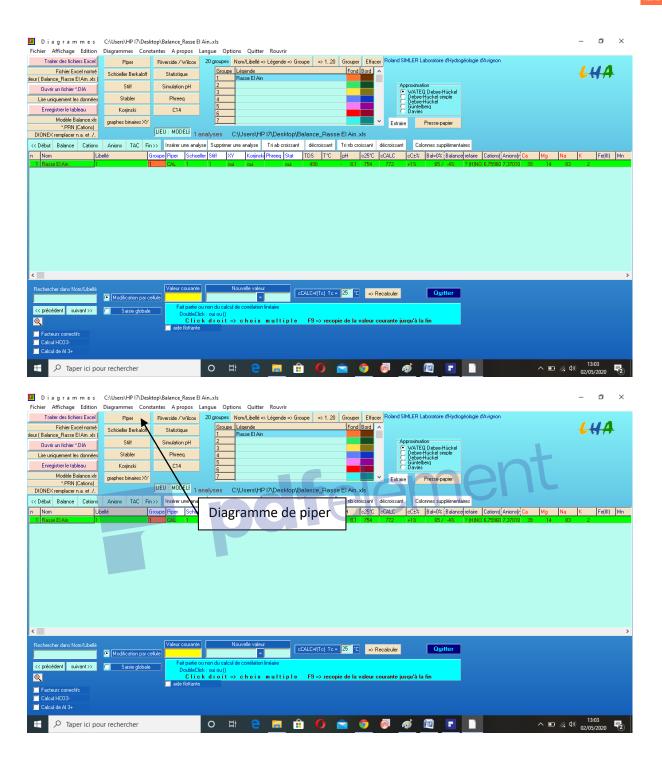


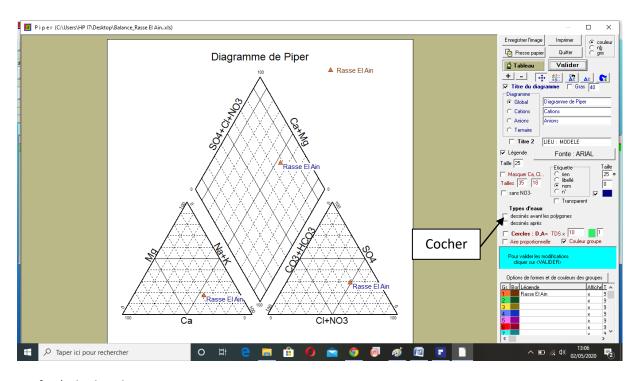




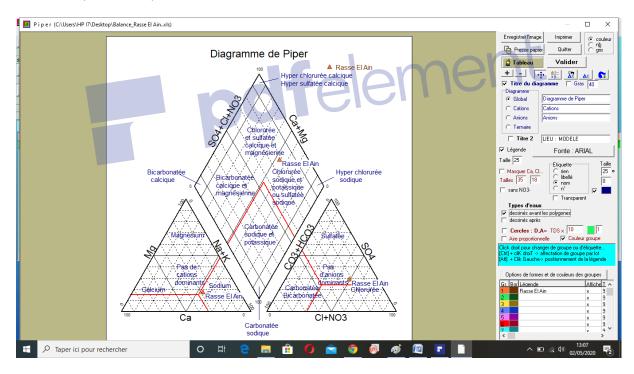


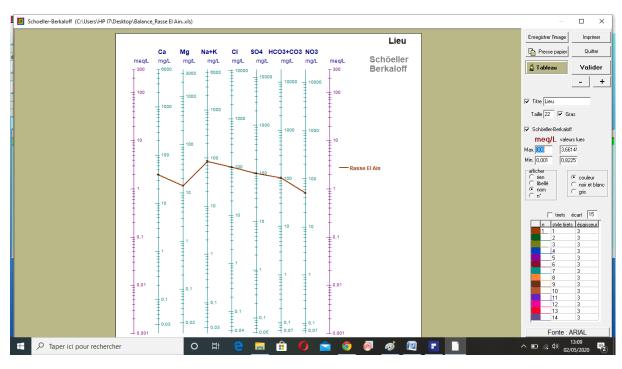


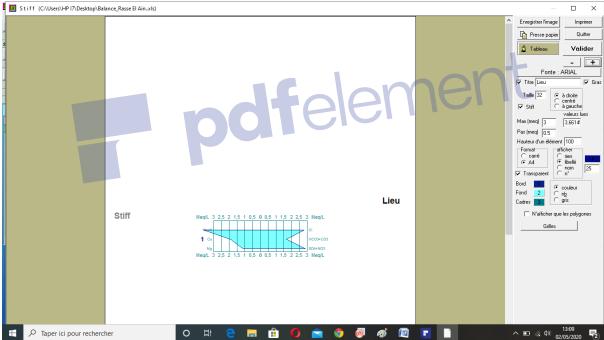


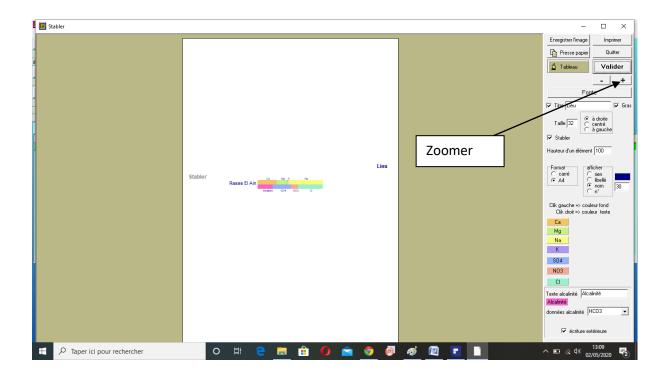


Les faciès hydro-chimiques









La balance ionique:

- -1% < BI < 1% : Fiabilité des résultats d'analyses excellente.
- -5% < BI < 5% : Fiabilité des résultats d'analyses acceptable.
- -10% < BI < 10% : Fiabilité des résultats d'analyses médiocre.
- BI > 10% : Mauvaise fiabilité des résultats d'analyses.

$$BI = \frac{\sum cations - \sum anions}{\sum cations + \sum anions} \times 100$$

Les cations et les anions sont exprimés en unités équivalentes (mEq/L)