

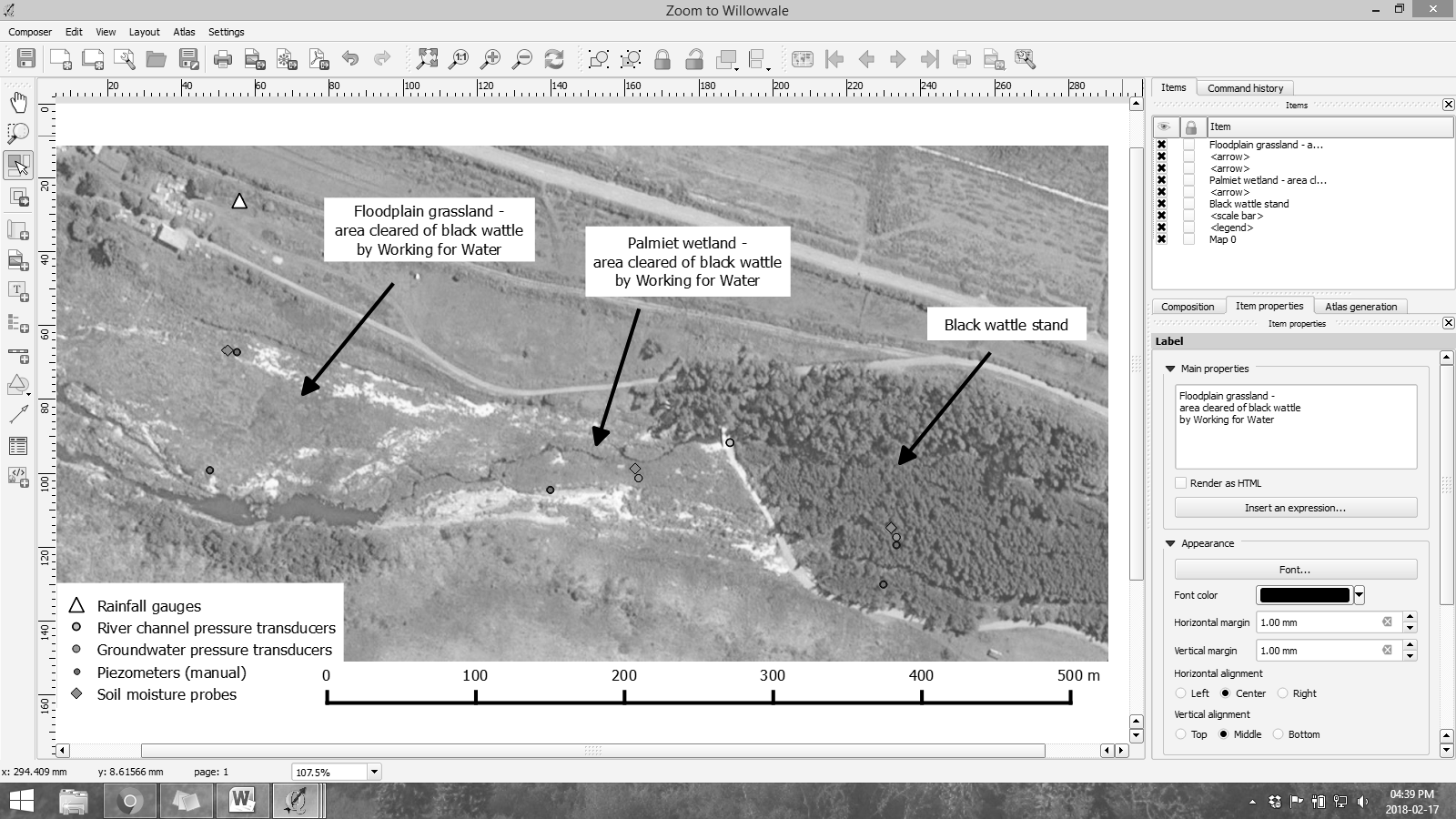
**SAEON GSN Indibano – Kromme catchment field trip – Mountains to Sea**

***Some catchment stats***

* Areas: 363 km2 to Churchill/Kromrivier Dam, 845 km2 to iMpofu Dam - , 1,022 km2 to estuary
* Climate, mean annual (to iMpofu)

***Things to look for & think about…***

* *How have people made use of the landscape?*
* *What impacts do you think this is having? (water, vegetation, ecology, etc)*
* *What is a “sustainable landscape”?*
  + Rainfall: ≈ 620 mm
  + Potential evapotranspiration: ≈ 1300 mm
  + Runoff ratio: ≈15%
* Water supply
  + Churchill: vol 33 Mm3 , supply 20 Mm3/yr (26% of NMM total)
  + iMpofu: vol 107 Mm3 , supply 18 Mm3/yr (23% of NMM total)
* Land cover (to iMpofu)
  + 70% mountainous, 30% floodplain
  + ≈ 86% of former *Prionium serratum* (palmiet) wetland lost
  + ≈ 70km2 *Acacia mearnsii* (black wattle) cover (28% of floodplain)



Stop 2: Willowvale Farm

