Meta file for soil chemical data on Kumasi’s urban arable soils

* This dataset represent a subset of the overall 650 datasets
* Soil properties like loss-on-ignition (loi), total C (tc), total (tn), total organic C(toc), total inorganic C (tic) have been analysed for all the soil samples, so it is also possible to have that data
* All the datasets have been converted from percentage to weight per gram of soil (g kg-1), and corrected for water content at 105 degrees.
* The first two columns “sample\_id”, and “field\_id”, are just unique identifyers to the soils
* The column “class” represent the classification that was used to do the sampling (read more on Asabere et al. 2018)
* The column “road\_class” is a further classification that I have just developed based on the distance of the fields from a primary road. The associated paper for explaining this is currently under review and hopefully I share with you once it is ready to understand the logic behind it
* The column “urbimpact” is based on the two aforementioned columns and represent the intensity of urbanisation. Further explanation will be provided through the published paper.
* The column “water factor” was use to correct the calculations from 40 degrees to 105 degrees water content