**Data sources:**

**Arsenic:** J. Podgorski, M. Berg, Podgorski\_and\_Berg\_2020. ERIC/open

(2020); <http://dx.doi.org/10.25678/0001ZT>.

**DEM:** SRTM\_EE; ee.Image("USGS/SRTMGL1\_003")

**Aridity Index and Potential Evapotranspiration:** Global Aridity Index and Potential Evapotranspiration (ET0) Climate Database v3; <https://figshare.com/articles/dataset/Global_Aridity_Index_and_Potential_Evapotranspiration_ET0_Climate_Database_v2/7504448/4>

**Actual Evapotranspiration:** Global High-Resolution Soil-Water Balance; https://figshare.com/articles/dataset/Global\_High-Resolution\_Soil-Water\_Balance/7707605/3

**Precipitation & Temperature:** CHELSA – Free climate data at high resolution; <https://chelsa-climate.org/>

**Soil:** <https://data.isric.org/geonetwork/srv/search?any=soil+grid&fast=index>

**Lithology**: GLiM - Global Lithological Map

<https://www.geo.uni-hamburg.de/en/geologie/forschung/aquatische-geochemie/glim.html>

**Land Cover:** ESA <https://worldcover2020.esa.int/>