ISO Country code for Morocco: MAR

**Soil Parameters to study the suitability of the project**

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| S.N | Parameters/units | Ref. to HWSD | Usage/Remarks |
| 1 | Temperature | - | - |
| 2 | Precipitation | - | - |
| 3 | Soil Depth  (cm) | REF\_DEPTH | An approximation of actual soil depth can be derived through accounting for relevant depth limiting soil phases, obstacles to roots and occurrence of impermeable layers. |
| 4 | pH  -(log. H+) | T\_PH\_H2O (ph @ top soil water solution) & S\_PH\_H2O (ph @ sub-soil water solution) | pH, measured in a soil-water solution, is a measure for the acidity and alkalinity of the soil |
| 5 | Salinity  Measured with electrical conductivity in ref with water (dS/m) | T\_ECE (Topsoil and sub soil electrical Conductivity) and S\_ECE | Coastal and desert soils in particular can be enriched with water-soluble salts or salts more soluble than gypsum. The salt content of a soil can be roughly estimated from the Electrical Conductivity of the soil (EC, expressed in dS m-1) measured in a saturated soil paste or a more diluted suspension of soil in water. |
| 6 | Drainage  (no unit- classes) refer to remarks | HWSD.DRAINAGE | Drainage classes, defined according to the Guidelines for Soil Description (FAO, 2006) predicted using the Africa Soil Profiles Database (AfSP) v1.2. LEGEND = 1:Very poor, 2:Poor, 3:Imperfect, 4:Moderate, 5:Well, 6:Somewhat excessive, 7:Excessive, 255:NODATA |
| 7 | Texture  (classes) refer to remarks | T\_TEXTURE | Topsoil textural class refers to the simplified textural classes for 0–30cm used in the Soil Map of the World (FAO/Unesco, 1970-1980). Because of the scale of the map (1:5 million) only three simplified textural classes were used. Coarse textured: sands, loamy sands and sandy loams with less than 18 percent clay and more than 65 percent sand. Medium textured: sandy loams, loams, sandy clay loams, silt loams, silt, silty clay loams and clay loams with less than 35 % clay and less than 65 % sand; the sand fraction may be as high as 82 percent if a minimum of 18 percent of clay is present. Fine textured: clays, silty clays, sandy clays, clay loams and silty clay loams with more than 35 percent clay |
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In all cases no data has been modified to a value of -999.