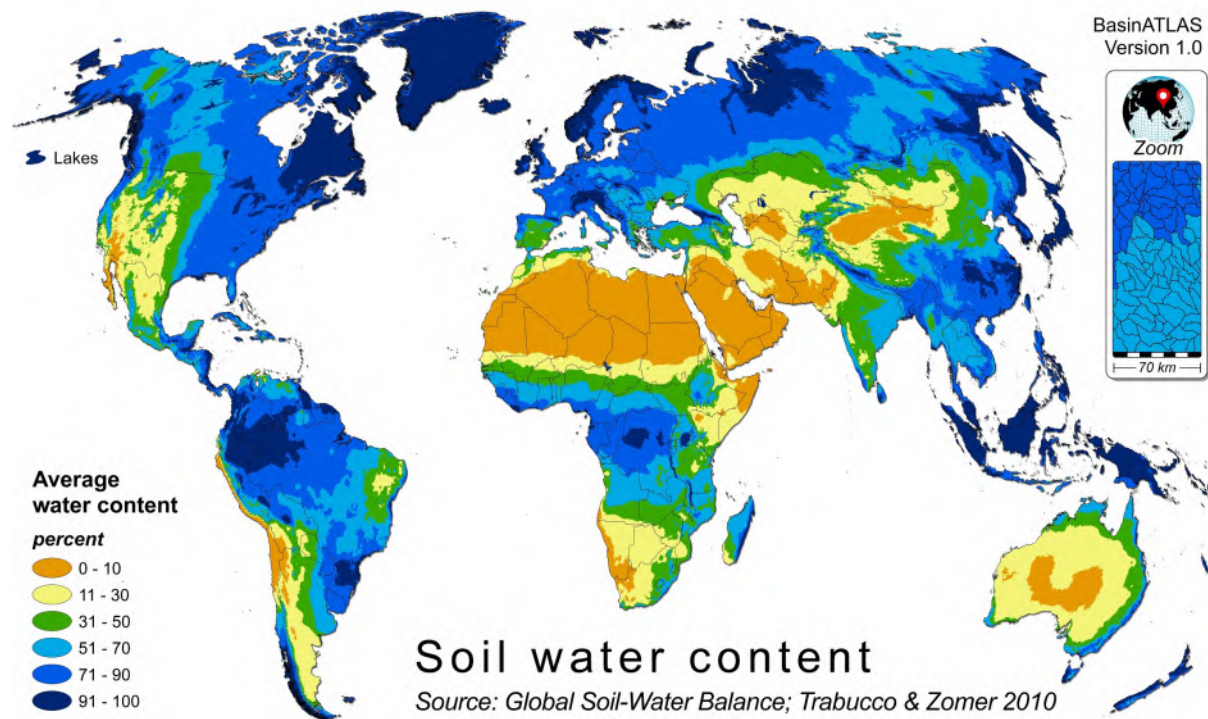


|                                 |                                                                            |                       |                                                     |
|---------------------------------|----------------------------------------------------------------------------|-----------------------|-----------------------------------------------------|
| <b>Category</b>                 | Soils & Geology                                                            | ID-S05                | <a href="#">&gt;&gt;&gt; Back to Attribute List</a> |
| <b>Attribute</b>                | <b>Soil Water Content</b>                                                  |                       |                                                     |
| <b>Source data</b>              | Global High-Resolution Soil-Water Balance                                  |                       |                                                     |
| <b>Citation:</b>                | Trabucco & Zomer 2010                                                      | <b>Native format:</b> | 30 arc-second grid                                  |
|                                 |                                                                            | <b>Units:</b>         | percent                                             |
| <b>Column name</b>              | <b>swc_pc_{xoo}</b> (for syntax options of suffix {xoo} see next lines)    |                       |                                                     |
| <b>Spatial extent {x}:</b>      | {s} in sub-basin   {u} in total watershed upstream of sub-basin pour point |                       |                                                     |
| <b>Dimension {oo}:</b>          | {yr} annual average   {01-12} monthly average                              |                       |                                                     |
| <b>Existing suffixes {xoo}:</b> | syr   s01-s12   uyr                                                        |                       |                                                     |



|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data description</b>       | Soil water content is provided as part of the Global High-Resolution Soil-Water Balance dataset which contains gridded estimates of actual evapotranspiration and soil water deficit. The dataset defines the monthly fraction of soil water content available for evapotranspiration processes (as a percentage of the maximum soil water content). It is therefore a measure of soil stress, and equal to the soil water stress coefficient as a percentage. This dataset utilizes the WorldClim and Global-PET databases as primary input. The results highlight specifically the climatic influence on hydrological dimensions that regulate vegetation suitability. |
| <b>Reference</b>              | Trabucco, A., Zomer, R.J. (2010). Global soil water balance geospatial database. CGIAR Consortium for Spatial Information. Available from the CGIAR-CSI GeoPortal at <a href="https://cgiarcsi.community">https://cgiarcsi.community</a> .                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Website</b>                | <a href="https://cgiarcsi.community/data/global-high-resolution-soil-water-balance">https://cgiarcsi.community/data/global-high-resolution-soil-water-balance</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>License</b>                | Original: Free for non-commercial use -- HydroATLAS: Creative Commons CC-BY 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Additional information</b> | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |