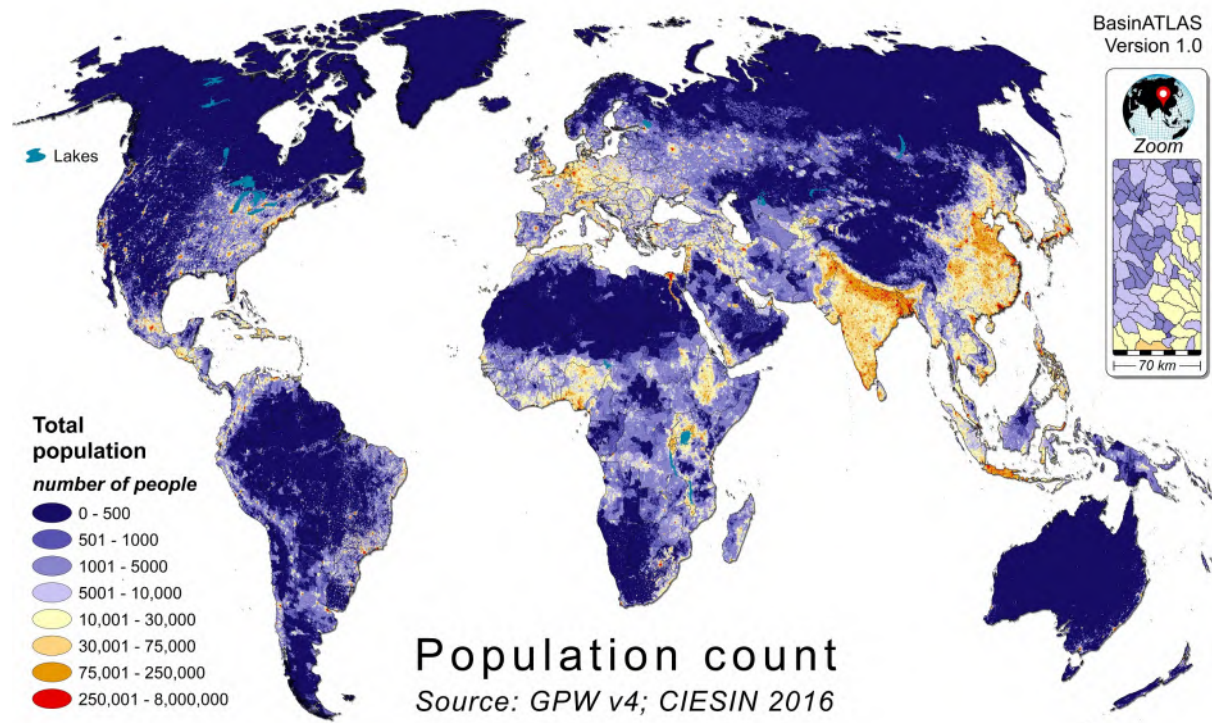


|                                 |                                                                            |                       |                                                     |
|---------------------------------|----------------------------------------------------------------------------|-----------------------|-----------------------------------------------------|
| <b>Category</b>                 | Anthropogenic                                                              | ID-A01                | <a href="#">&gt;&gt;&gt; Back to Attribute List</a> |
| <b>Attribute</b>                | <b>Population Count</b>                                                    |                       |                                                     |
| <b>Source data</b>              | Gridded Population of the World (GPW) v4                                   |                       |                                                     |
| <b>Citation:</b>                | CIESIN 2016                                                                | <b>Native format:</b> | 30 arc-second grid                                  |
|                                 |                                                                            | <b>Units:</b>         | count (thousands)                                   |
| <b>Column name</b>              | <b>pop_ct_{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>          | {su} sum                                                                   |                       |                                                     |
| <b>Existing suffixes {xoo}:</b> | ssu   usu                                                                  |                       |                                                     |



|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Data description</b>       | The Gridded Population of the World (GPW) database provides the distribution of humans (counts and densities) on a continuous global surface. For version 4 of GPW, population input data were collected at the most detailed spatial resolution available from the results of the 2010 round of censuses, which occurred between 2005 and 2014. The input data were available for the years 2000, 2005, 2010, and were extrapolated to produce population estimates for 2015, and 2020. HydroATLAS provides data for the year 2010. |
| <b>Reference</b>              | CIESIN (Center for International Earth Science Information Network at Columbia University) (2016). Gridded Population of the World, Version 4 (GPWv4): Population Count. Palisades, NY: NASA Socioeconomic Data and Applications Center (SEDAC). <a href="http://dx.doi.org/10.7927/H4X63JVC">http://dx.doi.org/10.7927/H4X63JVC</a> . Accessed 23 May 2017.                                                                                                                                                                         |
| <b>Website</b>                | <a href="https://sedac.ciesin.columbia.edu/data/set/gpw-v4-population-count-rev11">https://sedac.ciesin.columbia.edu/data/set/gpw-v4-population-count-rev11</a>                                                                                                                                                                                                                                                                                                                                                                      |
| <b>License</b>                | Creative Commons CC-BY 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Additional information</b> | People count is stored in thousands of people. Original grid contains NoData pixels which were set to zero for HydroATLAS calculations (i.e. no population). To avoid underestimation along the global coastline due to misalignment of landmasks, any population numbers that were located outside of the HydroATLAS landmask were allocated to the nearest land pixel (within a maximum distance of 20 km).                                                                                                                        |