|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Extent | Format | Resolution | Projection | Source | Unit | Year | Explanation |
| accessibility | worldwide | Tif | 1 km | WGS | Sci report + nature publication  Ref: Weiss, D. J., Nelson, A., Gibson, H. S., Temperley, W., Peedell, S., Lieber, A., . . . Gething, P. W. (2018). A global map of travel time to cities to assess inequalities in accessibility in 2015. Nature, 553(7688), 333-+.  https://doi.org/10.1038/nature25181 | Land based Travel Time (in minutes) | 2015 | Related to remotenesss, assess how medical services are within reach to people around the world. Land based travel time (by road) to the nearest densely populated area. Big city: over 50 000 - 100 000 inhbts |
| biomes\_wgs | worldwide | Tif | 1km | WGS | Dinerstein, E., Olson, D., Joshi, A., Vynne, C., Burgess, N. D., Wikramanayake, E., . . . Saleem, M. (2017). An Ecoregion-Based Approach to Protecting Half the Terrestrial Realm. Bioscience, 67(6), 534-545. <https://doi.org/10.1093/biosci/bix014>  <https://ecoregions.appspot.com/> | Numbers defining the ecoregions (polygons) | 2017 | Global map of all ecoregions of the world. Ecoregions (407) turned into 14 categories of biomes |
| countries\_ne\_wgs | worldwide | Tif | 1km | WGS | <https://www.naturalearthdata.com>  <https://www.naturalearthdata.com/downloads/110m-cultural-vectors/> | Categorical variables for each country (258 levels!) | 2022 | Countries delimitation converted into raster  Covariate needed is called admin on the website |
| cum\_hum\_impact\_prj | worldwide | Tif | 30 km | WGS | Allan, J. R., Watson, J. E. M., Di Marco, M., O'Bryan, C. J., Possingham, H. P., Atkinson, S. C., & Venter, O. (2019). Hotspots of human impact on threatened terrestrial vertebrates. Plos Biology, 17(3), Article e3000158. <https://doi.org/10.1371/journal.pbio.3000158> | Number of species per grid cell | 2019 | A number of species in a grid cell that is impacted by human activity:  Indicates the number of species in a grid cell impacted by at least one anthropogenic threat at a 30 km × 30 km spatial resolution. |
| dev\_threat\_prj\_mask |  | Tif |  |  | <https://sedac.ciesin.columbia.edu/data/set/lulc-development-threat-index> |  |  | Masked to Land (cropped out water and very tiny islands) |
| ecoregions\_wgs |  | Tif |  |  |  |  |  |  |
| elevation\_prj\_mask |  | Tif |  |  | USGS |  |  |  |
| for\_loss\_JN\_prj\_mask\_prop |  | Tif |  |  |  |  |  | Forest loss (see link) |
| forloss\_drivers\_prj |  | Tif |  |  |  |  |  |  |
| HFP2009 |  | Tif | 1 km | ESRI:54009 | <https://sedac.ciesin.columbia.edu/data/set/wildareas-v3-2009-human-footprint> |  | 2009 | Human Footprint |
| hum\_mod\_prj\_mask | worldwide | Tif | 1 km | WGS | <https://sedac.ciesin.columbia.edu/data/set/lulc-human-modification-terrestrial-systems> |  | 2016 | Global human modification of terrestrial systems :  The Global Human Modification of Terrestrial Systems data set provides a cumulative measure of the human modification of terrestrial lands across the globe at a 1-km resolution. It is a continuous 0-1 metric that reflects the proportion of a landscape modified, based on modeling the physical extents of 13 anthropogenic stressors and their estimated impacts using spatially-explicit global data sets with a median year of 2016. |
| humfoot\_print\_prj\_maskf\_lakes |  | Tif |  |  |  |  |  | Same but masked to the landmass |
| sp\_rich\_prj |  | Tif |  |  | <https://biodiversitymapping.org/>  Jenkins, C. N., Pimm, S. L., & Joppa, L. N. (2013). Global patterns of terrestrial vertebrate diversity and conservation. Proceedings of the National Academy of Sciences of the United States of America, 110(28), E2602-E2610. <https://doi.org/10.1073/pnas.1302251110> |  |  |  |
| threat\_species\_prj |  | Tif |  |  | Same ref |  |  |  |
| tri\_prj\_mask |  | Tif |  |  |  |  |  | Calculated from elevation (terrain ruggedness index) |
| wdpa\_bin\_prj |  | Tif |  |  | <https://www.arcgis.com/home/item.html?id=ae78aeb913a343d69e950b53e29076f7>  <https://www.protectedplanet.net/en/search-areas?geo_type=site>. |  |  | IUCN world database on world protected areas  Came as polygons but has been rasterized |