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| Tanzania 6.25 ha resolution grid stack (2017): Download @ [TZ\_250m\_2017](#https://www.dropbox.com/s/pshrtvjf7navegu/TZ_250m_2017.zip?raw=1) | | |
| Grid | **Short description** | **Derived from:** |
| BIO1 | Mean annual temperature (°C \* 10, 1979-2013) | [CHELSA](http://chelsa-climate.org/downloads/) |
| BIO7 | Mean annual temperature range (°C \* 10, 1979-2013) | [CHELSA](http://chelsa-climate.org/downloads/) |
| BIO12 | Mean annual precipitation (mm/yr, 1979-2013) | [CHELSA](http://chelsa-climate.org/downloads/) |
| BIO15 | Mean rainfall seasonality (cv, 1979-2013) | [CHELSA](http://chelsa-climate.org/downloads/) |
| BPP | Predicted 2015 building presence probability | [Africagrids.net](#ftp://africagrids.net/) |
| CEC | Predicted topsoil cation exchange capacity (cmol/kg) | [SoilGrids](#https://soilgrids.org) |
| CPP | Predicted 2015 cropland presence probability | [Africagrids.net](#ftp://africagrids.net/) |
| DCELL | Distance to Cell Tower or WiFi point (km) | [UnwiredLabs](https://unwiredlabs.com) |
| DFRES | Distance to forest reserves (km) | [Protected Planet](http://www.protectedplanet.net/) |
| DGRES | Distance to game reserves (km) | [Protected Planet](http://www.protectedplanet.net/) |
| DLIGHT | Distance to night-lights (km) | [Africagrids.net](#ftp://africagrids.net/) |
| DOP1 | Distance to city or town centers (km) | [Geofabrik](#https://www.geofabrik.de/data/download.html) |
| DOP2 | Distance to village or hamlet centers (km) | [Geofabrik](#https://www.geofabrik.de/data/download.html) |
| DOR1 | Distance to main roads (km) | [Geofabrik](#https://www.geofabrik.de/data/download.html) |
| DOR2 | Distance to any known road (km) | [Geofabrik](#https://www.geofabrik.de/data/download.html) |
| DOWS | Distance to inland water bodies (km) | [SurfaceWater](#https://global-surface-water.appspot.com/) |
| DPARK | Distance to national parks & conservation areas (km) | [Protected Planet](http://www.protectedplanet.net/) |
| DSET | Distance to predicted settlements (km) | [CIESIN](https://ciesin.columbia.edu/data/hrsl/) |
| DTSL | Distance to mean sea level / coast line (km) | [SRTM](#http://opentopo.sdsc.edu/raster?opentopoID=OTSRTM.082015.4326.1) |
| DURB | Distance to urban areas (km) | [CIESIN](#http://sedac.ciesin.columbia.edu/data/collection/grump-v1) |
| EVI | Average enhanced vegetation index (2000-2016) | [Africagrids.net](#ftp://africagrids.net/) |
| FIRE | Detected fire density (2001-2015) | [Africagrids.net](#ftp://africagrids.net/) |
| LSTD | Average day-time land surface temp. (°C , 2001-2017) | [Africagrids.net](#ftp://africagrids.net/) |
| LSTN | Average night-time land surface temp. (°C , 2001-2017) | [Africagrids.net](#ftp://africagrids.net/) |
| MB1 | Average MOD13Q1 band 1 reflectance (2001-2016) | [Africagrids.net](#ftp://africagrids.net/) |
| MB2 | Average MOD13Q1 band 2 reflectance (2001-2016) | [Africagrids.net](#ftp://africagrids.net/) |
| MB3 | Average MOD13Q1 band 3 reflectance (2001-2016) | [Africagrids.net](#ftp://africagrids.net/) |
| MB7 | Average MOD13Q1 band 7 reflectance (2001-2016) | [Africagrids.net](#ftp://africagrids.net/) |
| MDEM | Elevation above mean sea level (m) | [MERITDEM](http://hydro.iis.u-tokyo.ac.jp/~yamadai/MERIT_DEM/) |
| NPPA | Average annual net primary productivity (kg/m2, 2000-2015) | [Africagrids.net](#ftp://africagrids.net/) |
| NPPS | Variance annual net primary productivity (2000-2015) | [Africagrids.net](#ftp://africagrids.net/) |
| PARA | Average fAPAR (2000-2017) | [Africagrids.net](#ftp://africagrids.net/) |
| PARV | Variance fAPAR (2000-2017) | [Africagrids.net](#ftp://africagrids.net/) |
| PH | Predicted topsoil pH | [SoilGrids](#https://soilgrids.org) |
| S1VV | Average Sentinel 1 VV radar backscatter (2016) | [Africagrids.net](#ftp://africagrids.net/) |
| SLOPE | Slope (%) | [MERITDEM](http://hydro.iis.u-tokyo.ac.jp/~yamadai/MERIT_DEM/) |
| SND | Predicted topsoil sand content (%) | [SoilGrids](#https://soilgrids.org) |
| SOC | Predicted topsoil organic carbon content (g/kg) | [SoilGrids](#https://soilgrids.org) |
| SWIR1 | Average Sentinel 2 SWIR1 reflectance (2016) | [Africagrids.net](#ftp://africagrids.net/) |
| SWIR2 | Average Sentinel 2 SWIR2 reflectance (2016) | [Africagrids.net](#ftp://africagrids.net/) |
| TIM | Topographic index map | [MERITDEM](http://hydro.iis.u-tokyo.ac.jp/~yamadai/MERIT_DEM/) |
| WPOP | Population density prediction (2015) | [WorldPop](#http://www.worldpop.org.uk/data/get_data/) |