**Metadata for ForestGEO\_sites\_data**

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| Column Header | Description | Units |
| Site name | Site name | - |
| Alternate site name/ abbreviation | Site name abbreviation or alternate name by which the site may be known, if any | - |
| State/ Province | State/ province in which plot is located, if any | - |
| Country | Country | - |
| Biogeographic zone | Biogeographic zone, as described in Olson et al. (2001). Categofies: Afrotropic, Australasia, Indo-Malay, Nearctic, Neotropic, Palearctic, Oceania | - |
| GCB# | ID number assigned in Anderson-Teixeira et al., 2015 (Global Change Biology) | - |
| Latitude | Latitude (center of plot). Negative values indicate southern hemisphere. | decimal degrees |
| Longitude | Longitude (center of plot). Negative values indicate western hemisphere. | decimal degrees |
| Elevation-min | mimimum elevation within plot | m.a.s.l. |
| Elevation-max | maximum elevation within plot | m.a.s.l. |
| Topographic relief | topographic relief within plot (difference between maximum and minimum elevations) | m |
| Location & Elevation notes | Any notes pertaining to geogrpahic coordinates, elevation | - |
| n geographically distinct plots | Number of geographically distinct plots (typically one, but a few sites have multiple plots) | - |
| Area | Plot area (sum of mulitple plots) | ha |
| Plot Dimensions | Plot dimensions ([x dimension] x [y dimension]), with multiple plots listed separately | m |
| Plot Area & Dimensions notes | Any notes pertaining to plot area & dimensions | - |
| first census year | First census year applying CTFS-ForestGEO protocol. When census spanned multiple years, the first year is listed. | - |
| Publication(s) describing site/plot | Publications describing the site/plot, if any | - |
| Number of Species | Number of species | - |
| Number of Trees | Number of individual trees (genets; i.e., counting multi-stem individuals as one tree) | - |
| Species & Number of trees notes | Any notes pertaining to numbers of species/ trees | - |
| Forest Description | Description of forest type | - |
| Dominant vegetation type(s) | Categorical description of leaf type and phenology: Broadleaf Evergreen (BE); Broadleaf (drought/ cold) Deciduous- BdD/BcD; Needleleaf Evergreen (NE); (Needleleaf Deciduous-NC). Lists any PFT category represented by at least 10% of canopy trees, preferably in order of abundance. This is not necessarily formally quantified based on survey data. | - |
| Dominant Soil order(s) | Categorical following the USAD Soil Taxonomy System: Al: Alfisols; An: Andisols; E: Entisoils; Ge: Gelisols; In: Inceptisols; Ox: Oxisols; Ul: Ultisols; S; Spododols; Ve: Vertisols. | - |
| Soil Notes | Any notes giving additional information on soils | - |
| Köppen Climate zone | Köppen-Geiger climate zone, from Peel et al. 2007. Abbreviations are as follows: Af- tropical rainforest; Am- tropical monsoon; Aw or As- tropical wet and dry/ savanna; BWh- hot arid; BWk- cold arid; BSh- hot semi-arid; BSk-cold semi-arid; C\_ \_- temperate with dry summer (Cs\_), dry winter (Cw\_) or no dry season (Cf\_) and hot summer(C\_a), warm summer (C\_b), or cold summer (C\_c); D\_ \_- cold (continental), with dry summer (Ds\_), dry winter (Dw\_) or no dry season (Df\_) and hot summer(D\_a), warm summer (D\_b), cold summer (D\_c), or very cold winter (D\_d); ET- tundra; EF- ice cap. | - |
| MAT | Current best (based on judgment of site PIs) estimate of mean annual temperature. Source and time frame vary by plot. For sites where local data are not available or not reported, values are mean 1960-1990 climate from WorldClim at 30 arc-second resolution (Hijmans et al., 2005). Additional climate information is available through the ForestGEO Climate Data Portal. | °C |
| MAP | Current best (based on judgment of site PIs) estimate of mean annual precipitation. Source and time frame vary by plot. For sites where local data are not available or not reported, values are mean 1960-1990 climate from WorldClim at 30 arc-second resolution (Hijmans et al., 2005). Additional climate information is available through the ForestGEO Climate Data Portal. | mm yr-1 |
| Natural disturbance regime | Natural disturbance regime, with codes as follows: A-animal activity (destructive); D-Drought; E- Erosion; Fi-Fire; Fl-flood; H-hurricane/typhoon; Ic- Ice storms; In-insect outbreaks; L-landslides; PT-permafrost thaw; W-wind storms (local); ‘-‘- no major natural disturbances. | - |
| Natural disturbance notes | Notes pertaining to the natural disturbance regime. | - |
| Past anthropogenic disturbances | Local anthropogenic disturbances prior to the establishment of the plot. Codes are as follows: Codes are as follows: F-farming; P-pasture; W-wood harvesting; CC-clear cut/ complete clearing; B-burn; H-hunting; E-extraction of NTFP (non-timber forest products); I-invasive species; ‘-‘ no significant disturbances. Capital letters denote strong pressure; lowercase denote mild pressure. | - |
| Current anthropogenic disturbances | Recent/ ongoing local anthropogenic disturbances. Codes are as follows: Codes are as follows: F-farming; P-pasture; W-wood harvesting; CC-clear cut/ complete clearing; B-burn; H-hunting; E-extraction of NTFP (non-timber forest products); I-invasive species; ‘-‘ no significant disturbances. Capital letters denote strong pressure; lowercase denote mild pressure. | - |
| Anthropogenic disturbance notes | Notes pertaining to the anthropogenic disturbance history | - |