

## Changelog Profound Database

This document lists changes that occurred to the PROFOUND database between the database versions documented in Reyer et al. (2019) (v0.1.12) and Reyer et al. (2020) (v0.3).

date: 28-04-2020

version: 0.3

description: Updated public version with important changes

TREE: removed duplicates in TREE views coming from TREE\_master and PLOTSIZE\_master JOIN for Soro, KROOF and Hyytiala. Replaced entire Soro data with new updated data now available from 1994-2017.

STAND: corrected values for foliageBiomass\_kgha, branchesBiomass\_kgha, stemBiomass\_kgha and rootBiomass\_kgha for Bily Kriz to match unit. Replaced Soro data with new updated including biomass data available from 1994-2017.

CLIMATE\_ISMIPFT: renamed rad\_Jcm2day to rad\_Jcm2.

METADATA\_CLIMATE\_ISMIPFT: renamed unit of variable rad\_Jcm2day from J cm<sup>-2</sup> day<sup>-1</sup> to J cm<sup>-2</sup>.

CLIMATE\_ISMIP2A: renamed rad\_Jcm2day to rad\_Jcm2.

METADATA\_CLIMATE\_ISMIP2A: renamed unit of variable rad\_Jcm2day from J cm<sup>-2</sup> day<sup>-1</sup> to J cm<sup>-2</sup>.

CLIMATE\_ISMIP2B: renamed rad\_Jcm2day to rad\_Jcm2.

METADATA\_CLIMATE\_ISMIP2B: renamed unit of variable rad\_Jcm2day from J cm<sup>-2</sup> day<sup>-1</sup> to J cm<sup>-2</sup>.

CLIMATE\_ISMIP2BLBC: renamed rad\_Jcm2day to rad\_Jcm2.

METADATA\_CLIMATE\_ISMIP2BLBC: renamed unit of variable rad\_Jcm2day from J cm<sup>-2</sup> day<sup>-1</sup> to J cm<sup>-2</sup>.

CLIMATE\_LOCAL: renamed rad\_Jcm2day to rad\_Jcm2.

METADATA\_CLIMATE\_LOCAL: renamed unit of variable rad\_Jcm2day from J cm<sup>-2</sup> day<sup>-1</sup> to J cm<sup>-2</sup>.

METADATA\_MODIS\_MOD17A2: renamed unit of variables gpp\_gCm2d and psNet\_gm2d from gC m<sup>-2</sup> d to gC m<sup>-2</sup> d<sup>-1</sup>.

SITEDESCRIPTION: minor changes in Soro site description.

SOURCE: corrected reference DOI link.

**Reyer** CPO, Silveyra Gonzalez R, Dolos K, Hartig F, Hauf Y, Noack M, Lasch-Born P, Rötzer T, Pretzsch H, Meesenburg H, Fleck S, Wagner M, Bolte A, Sanders T, Kolari P, Mäkelä A, Vesala T, Mammarella I, Pumpanen J, Matteucci G, Collalti A, Trotta C, D'Andrea E, Foltýnová L, Krejza J, Ibrom A, Pilegaard K, Loustau D, Bonnefond J-M, Berbigier P, Picart D, Lafont S, Dietze M, Cameron D, Vieno M, Tian H, Palacios-Orueta A, Cicuendez V, Recuero L, Wiese K, Büchner M, Lange S, Volkholz J, Kim H, Weedon GP, Sheffield J, Babst F, Vega del Valle I, Suckow F, Horemans J, Martel S, Bohn F, Steinkamp J, Chikalanov A, Mahnken M, Gutsch M, Frieler K (2020) *The PROFOUND database for evaluating vegetation models and simulating climate impacts on forests*. V.0.3. GFZ Data Services. <http://doi.org/10.5880/PIK.2020.006/>

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