

data homogenization processing summary and QC check results: cap.621.1

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		cap.621.1
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	CAP
location	Location name	location_name	greater Phoenix metropolitan area
location	includes experimental manipulations	experiments	This is an urban lawn study, looking at C stocks under turf and xeric landscaping
location	control samples identifier	control_id	No controls provided
profile	Experimental Level 1(top level)	L1	These are individual homes. W. Wieder modified levels in KEY_V2 from orig. data provided. I think this better captures nested levels in the dataset.
profile	Experimental Level 2	L2	Under plants and inbetween (U, I)
profile	Treatment_1_level	tx_L1	This is an urban lawn study, looking at C stocks under turf and xeric landscaping, column added by W. Wieder, looking at conversionYear and landscapeType in raw data
profile	Layer Top	layer_top	0: 0-15 centimeter; 15: 15-30 centimeter; 30: 30-45 centimeter
profile	Net N mineralization	n_min	gramPerGramPerDay

files processed:

type	filename
provided data	621_soilData_a66f3b63fc23508824b3cf5e884b77fba6a19a56.csv
homogenized data	621_soilData_a66f3b63fc23508824b3cf5e884b77fba6a19a56_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
location	map	Mean Annual Precipitation	mm	mm		NOT converted
profile	clay	Clay	%	percent		NOT converted
profile	lyr_loi	Bulk Layer Loss on Ignition	%	percent		NOT converted
profile	sand	Sand	%	percent		NOT converted

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	silt	Silt	%	percent		NOT converted
profile	layer_bot	Layer Bottom	cm	cm		NOT converted
profile	layer_top	Layer Top	cm	cm		NOT converted

QC results: location data

location data checks passed

QC results: profile data, data range

var	min	max	minValue	maxValue	error
lyr_c_to_n	12.43	304.2	0	100	out of range
n_min	-10.65	13.26	0	1000	out of range

QC results: profile data, data type

profile data type checks passed