

data homogenization processing summary and QC check results: BNZ4

notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		BNZ4
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	LTER
location	Site code (e.g. LUQ) or name	site_code	BNZ
location	Location name	location_name	Carbon in Permafrost Experimental Heating Research (CiPEHR)
location	Mean Annual Precipitation	map	not provided with orig. data, W. Wieder added
location	Mean Annual Temperature	mat	not provided with orig. data, W. Wieder added
profile	Experimental Level 1(top level)	L1	Year soil was sampled
profile	Experimental Level 2	L2	Experimental block
profile	Treatment_1_level	tx_L1	Treatment type. Control (C), Winter warming (WW)

files processed:

type	filename
provided data	655_EML_AK_CiPEHR_SoilProperties_2009-2013_Data_XJW_a.csv
homogenized data	655_EML_AK_CiPEHR_SoilProperties_2009-2013_Data_XJW_a_HMGZD

variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
profile	lyr_soc	Bulk Layer Organic Carbon (CN analyzer) concentration, inorganic C removed or not present	percent	g kg-1	0.1	converted
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	percent	g kg-1	0.1	converted
location	map	Mean Annual Precipitation	mm	mm		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
bd_samp	0.03	1.76	0.1	2	out of range

QC results: profile data, data type

profile data type checks passed