

## data homogenization processing summary and QC check results: Shale Hills CZO

### notes included with key file:

source	Var_long	var	var_notes
location	Google Directory		Shale Hills CZO
location	Network (e.g. LTER, CZO, DIRT, NutNet, etc)	network	CZO
location	Site code (e.g. LUQ) or name	site_code	SSHCZO
location	Location name	location_name	Shale Hills Catchment
profile	Experimental Level 1(top level)	L1	Codes have 4 letters: 1st letter is always S refers to aspect as all soils are from the south (north facing) side of the watershed, 2nd letter is S or P referring to swale or planar transect, 3rd and 4th letters refer to catena position and are VF = Valley Floor, MS= Mid slope, RT = ridgetop

### files processed:

type	filename
provided data	SSHCZOSoilCN_a
homogenized data	SSHCZOSoilCN_a_HMGZD

### variable conversion

source	var	Var_long	given_unit	target_unit	factor	varNotes
location	agb	aboveground biomass	g m-2	kg m-2	1000	converted
location	anpp	aboveground net primary productivity	g/m2/y	g/m2/y		NOT converted
location	map	Mean Annual Precipitation	mm	mm		NOT converted
profile	lyr_c_tot	Bulk Layer Total Carbon, not acid treated to remove inorganic C	%	percent		NOT converted
profile	lyr_n_tot	Bulk Layer Total Nitrogen concentration	%	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

dataset	source	var	error
Shale Hills CZO	location	agb	out of range

**QC results: profile data, data range**

profile data range checks passed

**QC results: profile data, data type**

profile data type checks passed