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Dear Authors

I'm one of the people involved in the FLUXNET2015 dataset preparation and for this reason I'm happy to see that the data are used. My comment is not related to the paper scientific content but to an important data policy requirement. As reported in the FLUXNET2015 data policy (<http://fluxnet.fluxdata.org/data/data-policy/>) when the data are used it is requested "that every publication specify each site used with the FLUXNET-ID, data-years used" and also when available a reference describing the site. This is the way a PI can track their data use and for this reason important to follow. I would appreciate if you could add this table in the manuscript.

Dario Papale

We thank Dr. Papale for the comment. Failing to include a table of FLUXNET sites used in the analysis was oversight on our part. We have updated our analysis to use the latest November 3, 2016 release of the FLUXNET2015 and have included a list of all the sites that were used in the manuscript and have included the same table below.

We also reached out to all the site Principal Investigators (PI) to get their permission as per the Tier 2 data policy and have included site specific citations and acknowledgements as suggested by the site PIs. We have also added the FLUXNET2015 data provider team as author on the paper to give appropriate credit to the investigators for the data sets that were included in our analysis.

Site ID	Site Name	Start Year	End Year	Latitude	Longitude
AR-SLu	San Luis	2009	2011	-33.4648	-66.4598
AR-Vir	Virasoro	2009	2012	-28.2395	-56.1886
AT-Neu	Neustift	2002	2012	47.1167	11.3175
AU-Ade	Adelaide River	2007	2009	-13.0769	131.1178
AU-ASM	Alice Springs	2010	2014	-22.283	133.249
AU-Cpr	Calperum	2010	2014	-34.0021	140.5891
AU-Cum	Cumberland Plains	2012	2014	-33.6133	150.7225
AU-DaP	Daly River Savanna	2007	2013	-14.0633	131.3181
AU-DaS	Daly River Cleared	2008	2014	-14.1593	131.3881
AU-Dry	Dry River	2008	2014	-15.2588	132.3706
AU-Emr	Emerald, Queensland, Australia	2011	2013	-23.8587	148.4746
AU-Fog	Fogg Dam	2006	2008	-12.5452	131.3072
AU-Gin	Gingin	2011	2014	-31.3764	115.7138
AU-GWW	Great Western Woodlands, Western Australia, Australia	2013	2014	-30.1913	120.6541
AU-How	Howard Springs	2001	2014	-12.4943	131.1523
AU-Lox	Loxton	2008	2009	-34.4704	140.6551
AU-RDF	Red Dirt Melon Farm, Northern Territory	2011	2013	-14.5636	132.4776
AU-Rig	Riggs Creek	2011	2014	-36.6499	145.5759
AU-Rob	Robson Creek, Queensland, Australia	2014	2014	-17.1175	145.6301
AU-Stp	Sturt Plains	2008	2014	-17.1507	133.3502
AU-TTE	Ti Tree East	2012	2014	-22.287	133.64
AU-Tum	Tumbarumba	2001	2014	-35.6566	148.1517
AU-Wac	Wallaby Creek	2005	2008	-37.4259	145.1878
AU-Whr	Whroo	2011	2014	-36.6732	145.0294

AU-Wom	Wombat	2010	2014	-37.4222	144.0944
AU-Ync	Jaxa	2012	2014	-34.9893	146.2907
BE-Bra	Brasschaat	1996	2014	51.3092	4.5206
BE-Lon	Lonzee	2004	2014	50.5516	4.7461
BE-Vie	Vielsalm	1996	2014	50.3051	5.9981
BR-Sa1	Santarem-Km67-Primary Forest	2002	2011	-2.8567	-54.9589
BR-Sa3	Santarem-Km83-Logged Forest	2000	2004	-3.018	-54.9714
CA-Gro	Ontario - Groundhog River, Boreal Mixedwood Forest	2003	2014	48.2167	-82.1556
CA-Man	Manitoba - Northern Old Black Spruce (former BOREAS Northern Study Area)	1994	2008	55.8796	-98.4808
CA-NS1	UCI-1850 burn site	2001	2005	55.8792	-98.4839
CA-NS2	UCI-1930 burn site	2001	2005	55.9058	-98.5247
CA-NS3	UCI-1964 burn site	2001	2005	55.9117	-98.3822
CA-NS4	UCI-1964 burn site wet	2002	2005	55.9117	-98.3822
CA-NS5	UCI-1981 burn site	2001	2005	55.8631	-98.485
CA-NS6	UCI-1989 burn site	2001	2005	55.9167	-98.9644
CA-NS7	UCI-1998 burn site	2002	2005	56.6358	-99.9483
CA-Oas	Saskatchewan - Western Boreal, Mature Aspen	1996	2010	53.6289	-106.1978
CA-Obs	Saskatchewan - Western Boreal, Mature Black Spruce	1997	2010	53.9872	-105.1178
CA-Qfo	Quebec - Eastern Boreal, Mature Black Spruce	2003	2010	49.6925	-74.3421
CA-SF1	Saskatchewan - Western Boreal, forest burned in 1977	2003	2006	54.485	-105.8176

CA-SF2	Saskatchewan - Western Boreal, forest burned in 1989	2001	2005	54.2539	-105.8775
CA-SF3	Saskatchewan - Western Boreal, forest burned in 1998	2001	2006	54.0916	-106.0053
CA-TP1	Ontario - Turkey Point 2002 Plantation White Pine	2002	2014	42.6609	-80.5595
CA-TP2	Ontario - Turkey Point 1989 Plantation White Pine	2002	2007	42.7744	-80.4588
CA-TP3	Ontario - Turkey Point 1974 Plantation White Pine	2002	2014	42.7068	-80.3483
CA-TP4	Ontario - Turkey Point 1939 Plantation White Pine	2002	2014	42.7102	-80.3574
CA-TPD	Ontario - Turkey Point Mature Deciduous	2012	2014	42.6353	-80.5577
CG-Tch	Tchizalamou	2006	2009	-4.2892	11.6564
CH-Cha	Chamau	2005	2014	47.2102	8.4104
CH-Dav	Davos- Seehorn forest	1997	2014	46.8153	9.8559
CH-Fru	Früebüel	2005	2014	47.1158	8.5378
CH-Lae	Laegeren	2004	2014	47.4781	8.365
CH-Oe1	Oensingen grassland	2002	2008	47.2858	7.7319
CH-Oe2	Oensingen2 crop	2004	2014	47.2863	7.7343
CN-Cha	Changbaishan	2003	2005	42.4025	128.0958
CN-Cng	Changling	2007	2010	44.5934	123.5092
CN-Dan	Dangxiong	2004	2005	30.4978	91.0664
CN-Din	Dinghushan	2003	2005	23.1733	112.5361
CN-Du2	Duolun_grassland (D01)	2006	2008	42.0467	116.2836
CN-Du3	Duolun Degraded Meadow	2009	2010	42.0551	116.2809
CN-Ha2	Haibei Shrubland	2003	2005	37.6086	101.3269
CN-HaM	Haibei Alpine Tibet site	2002	2004	37.37	101.18
CN-Qia	Qianyanzhou	2003	2005	26.7414	115.0581

CN-Sw2	Siziwang Grazed (SZWG)	2010	2012	41.7902	111.8971
CZ-BK1	Bily Kriz forest	2004	2014	49.5021	18.5369
CZ-BK2	Bily Kriz grassland	2004	2012	49.4944	18.5429
CZ-wet	CZECHWET	2006	2014	49.0247	14.7704
DE-Akm	Anklam	2009	2014	53.8662	13.6834
DE-Geb	Gebesee	2001	2014	51.1001	10.9143
DE-Gri	Grillenburg	2004	2014	50.9495	13.5125
DE-Hai	Hainich	2000	2012	51.0792	10.453
DE-Kli	Klingenberg	2004	2014	50.8929	13.5225
DE-Lkb	Lackenberg	2009	2013	49.0996	13.3047
DE-Lnf	Leinefelde	2002	2012	51.3282	10.3678
DE-Obe	Oberbärenburg	2008	2014	50.7836	13.7196
DE-RuR	Rollesbroich	2011	2014	50.6219	6.3041
DE-RuS	Selhausen Juelich	2011	2014	50.8659	6.4472
DE-Seh	Selhausen	2007	2010	50.8706	6.4497
DE-SfN	Schechenfilz Nord	2012	2014	47.8064	11.3275
DE-Spw	Spreewald	2010	2014	51.8923	14.0337
DE-Tha	Tharandt	1996	2014	50.9636	13.5669
DE-Zrk	Zarnekow	2013	2014	53.8759	12.889
DK-Eng	Enghave	2005	2008	55.6905	12.1918
DK-Fou	Foulum	2005	2005	56.4842	9.5872
DK-NuF	Nuuk Fen	2008	2014	64.1308	-51.3861
DK-Sor	Soroe	1996	2014	55.4859	11.6446
DK-ZaF	Zackenbergh Fen	2008	2011	74.4814	-20.5545
DK-ZaH	Zackenbergh Heath	2000	2014	74.4732	-20.5503
ES-Amo	Amoladeras	2007	2012	36.8336	-2.2523
ES-LgS	Laguna Seca	2007	2009	37.0979	-2.9658

ES-LJu	Llano de los Juanes	2004	2013	36.9266	-2.7521
ES-Ln2	Lanjaron-Salvage logging	2009	2009	36.9695	-3.4758
FI-Hyy	Hyytiala	1996	2014	61.8475	24.295
FI-Jok	Jokioinen	2000	2003	60.8986	23.5135
FI-Let	Lettosuo	2009	2012	60.6418	23.9597
FI-Lom	Lompolojänkkä	2007	2009	67.9972	24.2092
FI-Sod	Sodankyla	2001	2014	67.3619	26.6378
FR-Fon	Fontainebleau-Barbeau	2005	2014	48.4764	2.7801
FR-Gri	Grignon	2004	2014	48.8442	1.9519
FR-LBr	Le Bray (after 6/28/1998)	1996	2008	44.7171	-0.7693
FR-Pue	Puechabon	2000	2014	43.7414	3.5958
GF-Guy	Guyaflex (French Guiana)	2004	2014	5.2788	-52.9249
GH-Ank	Ankasa	2011	2014	5.2685	-2.6942
IT-BCi	Borgo Cioffi	2004	2014	40.5238	14.9574
IT-CA1	Castel d'Asso 1	2011	2014	42.3804	12.0266
IT-CA2	Castel d'Asso 2	2011	2014	42.3772	12.026
IT-CA3	Castel d'Asso 3	2011	2014	42.38	12.0222
IT-Col	Collelongo- Selva Piana	1996	2014	41.8494	13.5881
IT-Cp2	Castelporziano 2	2012	2014	41.7043	12.3573
IT-Cpz	Castelporziano	1997	2009	41.7052	12.3761
IT-Isp	Ispira ABC-IS	2013	2014	45.8126	8.6336
IT-La2	Lavarone2	2000	2002	45.9542	11.2853
IT-Lav	Lavarone	2003	2014	45.9562	11.2813
IT-MBo	Monte Bondone	2003	2013	46.0147	11.0458
IT-PT1	Parco Ticino forest	2002	2004	45.2009	9.061
IT-Ren	Renon	1998	2013	46.5869	11.4337
IT-Ro1	Roccarespampani 1	2000	2008	42.4081	11.93

IT-Ro2	Roccarespampani 2	2002	2012	42.3903	11.9209
IT-SR2	San Rossore 2	2013	2014	43.732	10.291
IT-SRo	San Rossore	1999	2012	43.7279	10.2844
IT-Tor	Torgnon	2008	2014	45.8444	7.5781
JP-MBF	Moshiri Birch Forest Site	2003	2005	44.3869	142.3186
JP-SMF	Seto Mixed Forest Site	2002	2006	35.2617	137.0788
MY-PSO	Pasoh Forest Reserve (PSO)	2003	2009	2.973	102.3062
NL-Hor	Horstermeer	2004	2011	52.2404	5.0713
NL-Loo	Loobos	1996	2014	52.1666	5.7436
PA-SPn	Sardinilla Plantation	2007	2009	9.3181	-79.6346
PA-SPs	Sardinilla-Pasture	2007	2009	9.3138	-79.6314
RU-Che	Cherski	2002	2005	68.613	161.3414
RU-Cok	Chokurdakh	2003	2014	70.8291	147.4943
RU-Fyo	Fyodorovskoye	1998	2014	56.4615	32.9221
RU-Ha1	Hakasia steppe	2002	2004	54.7252	90.0022
RU-Sam	Samoylov	2002	2014	72.3733	126.4978
RU-SKP	Yakutsk Spasskaya Pad larch	2012	2014	62.255	129.168
RU-Tks	Tiksi	2010	2014	71.5943	128.8878
RU-Vrk	Seida/Vorkuta	2008	2008	67.0547	62.9405
SD-Dem	Demokeya	2005	2009	13.2829	30.4783
SE-St1	Stordalen grassland	2012	2014	68.3541	19.0503
SN-Dhr	Dahra	2010	2013	15.4028	-15.4322
US-AR1	ARM USDA UNL OSU Woodward Switchgrass 1	2009	2012	36.4267	-99.42
US-AR2	ARM USDA UNL OSU Woodward Switchgrass 2	2009	2012	36.6358	-99.5975
US-ARb	ARM Southern Great Plains burn site- Lamont	2005	2006	35.5497	-98.0402

US-ARc	ARM Southern Great Plains control site- Lamont	2005	2006	35.5465	-98.04
US-ARM	ARM Southern Great Plains site- Lamont	2003	2012	36.6058	-97.4888
US-Atq	Atqasuk	2003	2008	70.4696	-157.4089
US-Blo	Blodgett Forest	1997	2007	38.8953	-120.6328
US-Cop	Corral Pocket	2001	2007	38.09	-109.39
US-CRT	Curtice Walter-Berger cropland	2011	2013	41.6285	-83.3471
US-GBT	GLEES Brooklyn Tower	1999	2006	41.3658	-106.2397
US-GLE	GLEES	2004	2014	41.3665	-106.2399
US-Goo	Goodwin Creek	2002	2006	34.2547	-89.8735
US-Ha1	Harvard Forest EMS Tower (HFR1)	1991	2012	42.5378	-72.1715
US-IB2	Fermi National Accelerator Laboratory- Batavia (Prairie site)	2004	2011	41.8406	-88.241
US-Ivo	Ivotuk	2004	2007	68.4865	-155.7503
US-KS1	Kennedy Space Center (slash pine)	2002	2002	28.4583	-80.6709
US-KS2	Kennedy Space Center (scrub oak)	2003	2006	28.6086	-80.6715
US-Lin	Lindcove Orange Orchard	2009	2010	36.3566	-119.8423
US-Los	Lost Creek	2000	2014	46.0827	-89.9792
US-LWW	Little Washita Watershed	1997	1998	34.9604	-97.9789
US-Me1	Metolius - Eyerly burn	2004	2005	44.5794	-121.5
US-Me2	Metolius-intermediate aged ponderosa pine	2002	2014	44.4523	-121.5574
US-Me3	Metolius-second young aged pine	2004	2009	44.3154	-121.6078
US-Me4	Metolius-old aged ponderosa pine	1996	2000	44.4992	-121.6224
US-Me5	Metolius-first young aged pine	2000	2002	44.4372	-121.5668

US-Me6	Metolius Young Pine Burn	2010	2014	44.3233	-121.6078
US-MMS	Morgan Monroe State Forest	1999	2014	39.3232	-86.4131
US-Myb	Mayberry Wetland	2010	2014	38.0498	-121.7651
US-Ne1	Mead - irrigated continuous maize site	2001	2013	41.1651	-96.4766
US-Ne2	Mead - irrigated maize-soybean rotation site	2001	2013	41.1649	-96.4701
US-Ne3	Mead - rainfed maize-soybean rotation site	2001	2013	41.1797	-96.4397
US-NR1	Niwot Ridge Forest (LTER NWT1)	1998	2014	40.0329	-105.5464
US-Oho	Oak Openings	2004	2013	41.5545	-83.8438
US-ORv	Olentangy River Wetland Research Park	2011	2011	40.0201	-83.0183
US-PFa	Park Falls/WLEF	1995	2014	45.9459	-90.2723
US-Prr	Poker Flat Research Range Black Spruce Forest	2010	2014	65.1237	-147.4876
US-SRC	Santa Rita Creosote	2008	2014	31.9083	-110.8395
US-SRG	Santa Rita Grassland	2008	2014	31.7894	-110.8277
US-SRM	Santa Rita Mesquite	2004	2014	31.8214	-110.8661
US-Sta	Saratoga	2005	2009	41.3966	-106.8024
US-Syv	Sylvania Wilderness Area	2001	2014	46.242	-89.3477
US-Ton	Tonzi Ranch	2001	2014	38.4316	-120.966
US-Tw1	Twitchell Wetland West Pond	2012	2014	38.1074	-121.6469
US-Tw2	Twitchell Corn	2012	2013	38.1047	-121.6433
US-Tw3	Twitchell Alfalfa	2013	2014	38.1159	-121.6467
US-Tw4	Twitchell East End Wetland	2013	2014	38.103	-121.6414
US-Twt	Twitchell Island	2009	2014	38.1087	-121.653
US-Var	Vaira Ranch- lone	2000	2014	38.4133	-120.9507
US-WCr	Willow Creek	1999	2014	45.8059	-90.0799

US-Whs	Walnut Gulch Lucky Hills Shrub	2007	2014	31.7438	-110.0522
US-Wi0	Young red pine (YRP)	2002	2002	46.6188	-91.0814
US-Wi1	Intermediate hardwood (IHW)	2003	2003	46.7305	-91.2329
US-Wi2	Intermediate red pine (IRP)	2003	2003	46.6869	-91.1528
US-Wi3	Mature hardwood (MHW)	2002	2004	46.6347	-91.0987
US-Wi4	Mature red pine (MRP)	2002	2005	46.7393	-91.1663
US-Wi5	Mixed young jack pine (MYJP)	2004	2004	46.6531	-91.0858
US-Wi6	Pine barrens #1 (PB1)	2002	2003	46.6249	-91.2982
US-Wi7	Red pine clearcut (RPCC)	2005	2005	46.6491	-91.0693
US-Wi8	Young hardwood clearcut (YHW)	2002	2002	46.7223	-91.2524
US-Wi9	Young Jack pine (YJP)	2004	2005	46.6188	-91.0814
US-Wkg	Walnut Gulch Kendall Grasslands	2004	2014	31.7365	-109.9419
US-WPT	Winous Point North Marsh	2011	2013	41.4646	-82.9962
ZA-Kru	Skukuza	2000	2013	-25.0197	31.4969
ZM-Mon	Mongu	2000	2009	-15.4378	23.2528