

FLUXNET-CH₄ SYNTHESIS ACTIVITY

Objectives, Observations, and Future Directions

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TABLE ESI. Sites worldwide measuring CH₄ fluxes using the eddy covariance method. Sites were included based on information contained in regional networks and FLUXNET, information provided directly by the site PI, or obtained from the literature. Start and end dates were derived from information contained in regional networks, provided by site PIs, or estimated from the literature (dates were excluded if reliable information could not be identified from those sources). Biome was based on the classification of Olson et al. (2001) and extracted using site coordinates. Vegetation type was based on the International Geosphere-Biosphere Programme (IGBP) definition. *Sites currently included in the database (additional information on these sites provided in Table A1); **sites that will be included in the database in the future based on the results of a survey sent to the FLUXNET community on 20 Jun 2018. As indicated in the main paper, this synthesis activity in an open initiative and all members of the flux community are invited to join the effort.

Site ID	Site name	Country	Lat (°N)	Lon (°E)	Start date	End date	Network/ source	Biome	IGBP	PI	Contact
AT-Neu*	Neustift	Austria	47.117	11.318	2010	Present	CarboEuropeIP/ GHG-Europe	Temperate	GRA	Georg Wohlfahrt	georg.wohlfahrt@uibk.ac.at
BE-Bra**	Brasschaat	Belgium	51.308	4.520	—	—	CarboEuroFlux/ CarboEuropeIP/ CarboExtreme/ EuroFlux/ICOS	Temperate	MF	Ivan Janssens	ivan.janssens@uantwerpen.be
BE-Dor**	Dorinne	Belgium	50.312	4.968	2012	Present	GHG-Europe	Temperate	GRA	Christine Moureaux	christine.moureaux@ulg.ac.be
BE-Lcr**	Lochristi	Belgium	51.100	3.850	2010	Present	ICOS	Temperate	DBF	Reinhart Ceulemans	reinhart.ceulemans@uantwerpen.be
BW-Gum**	Guma permanent swamp	Botswana	-18.965	22.371	2017	Present	Site PI	Flooded grasslands and savannas	WET	Carole Helfter	caro2@ceh.ac.uk
BW-Nxa**	Nxaraga seasonal swamp	Botswana	-19.548	23.179	2017	Present	Site PI	Flooded grasslands and savannas	WET	Carole Helfter	caro2@ceh.ac.uk
CA-ARB**	Attawapiskat River bog	Canada	52.695	-83.945	2011	Present	AmeriFlux	Boreal forests/taiga	WET	Aaron Todd	aaron.todd@ontario.ca
CA-ARF**	Attawapiskat River fen	Canada	52.701	-83.955	2011	Present	AmeriFlux	Boreal forests/taiga	WET	Aaron Todd	aaron.todd@ontario.ca
CA-CF1**	Churchill fen site 1	Canada	58.666	-93.830	2007	2008	AmeriFlux	Boreal forests/taiga	WET	Tim Papakyriakou	tim.papakyriakou@umanitoba.ca
CA-CF2**	Churchill fen site 2	Canada	58.666	-93.830	2008	2011	AmeriFlux	Boreal forests/taiga	WET	Mario Tenuta	mario.tenuta@umanitoba.ca
CA-DBB**	Delta Burns bog	Canada	49.129	-122.985	2016	Present	AmeriFlux	Temperate	WET	Andreas Christen	andreas.christen@ubc.ca
CA-DL2**	Daring Lake—Fen	Canada	64.865	-111.568	2009	Present	AmeriFlux	Tundra	WET	Elyn Humphreys	elyn.humphreys@carleton.ca
CA-HPC	Havikpak Creek Luther Marsh	Canada	68.320	-133.519	2013	2017	AmeriFlux	Tundra	ENF	Oliver Sonnentag	oliver.sonnentag@umontreal.ca
CA-LuM	Wildlife Management Area	Canada	43.920	-80.405	2014	2014	AmeriFlux	Temperate	WET	Elisa Fleischer	elisa.fleischer@uni-muenster.de
CA-Mer**	Mer Bleue	Canada	45.400	-75.517	2011	Present	AmeriFlux	Temperate	WET	Elyn Humphreys	elyn_humphreys@carleton.ca
CA-SCB*	Scotty Creek bog	Canada	61.309	-121.299	2014	Present	Site PI	Boreal forests/taiga	WET	Oliver Sonnentag	oliver.sonnentag@umontreal.ca
CA-SCC*	Scotty Creek landscape—Plateau	Canada	61.308	-121.299	2013	Present	AmeriFlux	Boreal forests/taiga	ENF	Oliver Sonnentag	oliver.sonnentag@umontreal.ca
CA-SMC	Smith Creek	Canada	63.153	-123.252	2017	Present	AmeriFlux	Boreal forests/taiga	ENF	Oliver Sonnentag	oliver.sonnentag@umontreal.ca
CA-TVC	Trail Valley Creek	Canada	68.746	-133.502	2013	2017	AmeriFlux	Tundra	WET	Oliver Sonnentag	oliver.sonnentag@umontreal.ca
CA-WPI	Western peatland I	Canada	54.954	-112.467	2007	2007	AmeriFlux	Temperate	WET	Larry Flanagan	larry.flanagan@uleth.ca

Site ID	Site name	Country	Lat (°N)	Lon (°E)	Start date	End date	Network/ source	Biome	IGBP	PI	Contact
CH-Cha	Chamau	Switzerland	47.210	8.410	2012	Present	CarboExtreme/ GHG-Europe/ Swiss FluxNet	Temperate	GRA	Nina Buchmann	nina.buchmann@usys.ethz.ch
CH-Dav	Davos	Switzerland	46.815	9.856	2015	Present	GHG-Europe/ ICOS/Swiss FluxNet	Temperate	ENF	Nina Buchmann	nina.buchmann@usys.ethz.ch
CH-Fru	Früebüel	Switzerland	47.116	8.538	—	—	CarboExtreme/ GHG-Europe/ Swiss FluxNet	Temperate	GRA	Nina Buchmann	nina.buchmann@usys.ethz.ch
CN-Cha	Changbaishan	China	28.585	113.328	—	—	AsiaFlux	Tropical and sub- tropical	MF	Shijie Han	hansj@iae.ac.cn
CN-Do1	Dongtan 1 (CM1)	China	31.517	121.961	—	—	AsiaFlux	Temperate	WET	Bin Zhao	zhaobin@fudan.edu.cn
CN-Do2	Dongtan 2 (CM2)	China	31.585	121.903	—	—	AsiaFlux	Temperate	WET	Bin Zhao	zhaobin@fudan.edu.cn
CN-Do3	Dongtan 3 (CM3)	China	31.517	121.972	—	—	AsiaFlux	Temperate	WET	Bin Zhao	zhaobin@fudan.edu.cn
CN-Ha3	Haibei wetland	China	37.610	101.322	2011	Present	ChinaFlux	Montane grasslands and shrublands	WET	Jinsheng He	jshe@pku.edu.cn
CN-San	Sanjiang	China	47.585	133.662	—	—	ChinaFlux	Flooded grasslands and savannas	WET	Yuedong Guo	guoyuedong@neigae.ac.cn
CZ-Lnz	Lanzhot	Czech Re- public	48.682	16.946	2014	Present	ICOS	Temperate	MF	Marian Pavelka	pavelka.m@czechglobe.cz
CZ-wet**	Trebon	Czech Re- public	49.025	14.770	—	—	CarboEuropeIP/ GHG-Europe/ ICOS/InGOS	Temperate	WET	Jiri Dusek	dusek.j@czechglobe.cz
DE-Dgw*	Dagowsee	Germany	53.151	13.054	2015	Present	ICOS	Temperate	WAT	Torsten Sachs	torsten.sachs@gfz-potsdam.de
DE-GsB	Grosses Bruch	Germany	52.030	11.103	2013	Present	ICOS	Temperate	GRA	Corinna Rebmann	corinna.rebmann@ufz.de
DE-Hmm	Himmelmoor	Germany	53.740	9.849	2011	Present	GHG-Europe/ InGOS	Temperate	WET	Lars Kutzbach	lars.kutzbach@uni-hamburg.de
DE-SfN*	Schechenfilz Nord	Germany	47.806	11.328	2012	2014	GHG-Europe/ ICOS/InGOS	Temperate	WET	Hans Peter Schmid	hape.schmid@kit.edu
DE-Spw	Spreewald	Germany	51.883	14.033	—	—	European Fluxes Database Cluster	Temperate	WET	Christian Bernhofer	christian.bernhof er@tu-dresden.de
DE-Zrk*	Zarnekow	Germany	53.876	12.889	2013	Present	TERENO	Temperate	WET	Torsten Sachs	tsachs@gfz-potsdam.de
DK-Skj**	Skjern Meadows	Denmark	55.912	8.405	2008	Present	Site PI	Temperate	WET	Thomas Friberg	tfj@ign.ku.dk
DK-ZaF	Zackenbergef	Greenland	74.479	-20.556	—	—	GHG-Europe/ ICOS	Tundra	WET	Magnus Lund	ml@bios.au.dk
ES-Pdu**	Padul	Spain	37.017	-3.609	2013	Present	GHG-Europe	Mediterranean	WET	Penelope Serrano	penelope@ugr.es
ES-Yst	Yeste	Spain	38.339	-2.351	2012	Present	GHG-Europe	Mediterranean	ENF	Francisco Raón López Serrano	fco.lopez@uclm.es
FI-HAL**	Halssiaapa Finland	Finland	67.368	26.655	2013	Present	GHG Europe	Boreal forests/ taiga	WET	Mika Aurela	mika.aurela@fmi.fi
FI-KAA**	Kaamanen Finland	Finland	69.141	27.270	2009	Present	GHG Europe	Boreal forests/ taiga	WET	Mika Aurela	mika.aurela@fmi.fi
FI-Kvr	Kuivajarvi	Finland	61.847	24.280	2009	Present	ICOS	Boreal forests/ taiga	WAT	Anne Ojala	anne.ojala@helsinki.fi
FI-Lom*	Lompolojankka	Finland	67.997	24.209	2006	Present	GHG-Europe/ ICOS	Boreal forests/ taiga	WET	Annalea Lohila	annalea.lohila@fmi.fi

Site ID	Site name	Country	Lat (°N)	Lon (°E)	Start date	End date	Network/ source	Biome	IGBP	PI	Contact
FI-Si2*	Siikaneva II	Finland	61.837	24.170	2011	Present	European Fluxes Database Cluster	Boreal forests/taiga	WET	Timo Vesala	timo.vesala@helsinki.fi
FI-Si1*	Siikaneva I	Finland	61.833	24.193	2005	Present	GHG-Europe/ICOS	Boreal forests/taiga	WET	Timo Vesala	timo.vesala@helsinki.fi
FR-EMI	Estrées-Mons A27	France	49.872	3.021	2012	Present	GHGEurope	Temperate	CRO—Other	Bruno Mary	bruno.mary@inra.fr
FR-LGt	La Gnette	France	47.323	2.284	2017	Present	European Fluxes Database Cluster	Temperate	WET	Fatima Laggoun	fatima.laggoun@univ-orleans.fr
FR-Lq1	Laqueuille intensive	France	45.643	2.736	2008	Present	CarboEuropeIP/ GHG-Europe/ GreenGrass/ ICOS/IMECC	Temperate	GRA	Katja Klumpp	katja.klumpp@inra.fr
FR-Lq2	Laqueuille extensive	France	45.639	2.737	2010	Present	CarboEuropeIP/ GHG-Europe/ GreenGrass	Temperate	GRA	Katja Klumpp	katja.klumpp@inra.fr
GDP	Guandu Nature Park Flux Station	Taiwan	25.117	121.467	—	—	AsiaFlux	Tropical and subtropical	WET	Jehn-Yih Juang	jjuang@ntu.edu.tw
GH-Ank	Ankasa	Ghana	5.269	-2.694	2011	Present	CarboAfrica	Tropical and subtropical	EBF	Riccardo Valentini	rik@unitus.it
GR-Vcs	Vocals	Greece	40.890	24.849	2013	Present	European Fluxes Database Cluster	Mediterranean	GRA	Spyridon Rapsomanikis	rapso@env.duth.gr
GRK	Gimje rice paddy	Republic of Korea	35.745	126.853	2011	Present	AsiaFlux	Temperate	CRO—Rice	Kyo-Moon Shim	kmshim@korea.kr
HPK	Haenam paddy—Field	Republic of Korea	34.477	126.481	—	—	AsiaFlux	Temperate	CRO—Rice	Joon Kim	joon@snu.ac.kr
IFS	IARI Flux Site	India	28.644	77.153	2013	Present	AsiaFlux	Deserts and xeric shrublands	CRO—Rice	Arti Bhatia	artibhatia.iari@gmail.com
IT-Bci*	Borgo Cioffi	Italy	40.524	14.957	—	—	CarboEuropeIP/ Carboltaly/ICOS	Mediterranean	CRO—Other	Vincenzo Magliulo	enzo.magliulo@cnr.it
IT-Cas*	Castellaro	Italy	45.070	8.718	2009	2010	Carbaltaly	Temperate	CRO—Rice	Alessandro Cescatti	alessandro.cescatti@ec.europa.eu
IT-Cp2	Castelporziano2	Italy	41.704	12.357	2012	Present	ICOS	Mediterranean	EBF	Silvano Fares	silvano.fares@crea.gov.it
IT-GIn	Giugliano	Italy	40.947	14.117	2015	2017	European Fluxes Database Cluster	Mediterranean	URB	Paul Di Tommasi	paul.ditommasi@cnr.it
IT-MBo	Monte Bondone	Italy	46.018	11.041	—	—	CarboEuropeIP/ Carboltaly/Carbomont/GHG-Europe/ICOS	Temperate	GRA	Damiano Gianelle	damiano.gianelle@iasma.it
IT-PCm	Parco Urbano di Capodimonte	Italy	40.874	14.250	2014	Present	ICOS	Mediterranean	EBF	Carlo Calfapietra	carlo.calfapietra@ibaf.cnr.it
IT-SMc	San Marcellino	Italy	40.847	14.258	2014	2017	European Fluxes Database Cluster	Mediterranean	URB	Daniela Famulari	daniela.famulari@cnr.it
JP-BBY*	Bibai bog	Japan	43.323	141.811	2015	Present	AsiaFlux	Temperate	WET	Masahito Ueyama	miyabi-flux@muh.biglobe.ne.jp

Site ID	Site name	Country	Lat (°N)	Lon (°E)	Start date	End date	Network/ source	Biome	IGBP	PI	Contact
JP-Mse*	Mase paddy flux site (MSE)	Japan	36.054	140.027	2012	2012	AsiaFlux	Temperate	CRO— Rice	Akira Miyata	amiyat@niaes.affrc.go.jp
JP-Swl*	Suwa Lake site	Japan	36.047	138.108	2016	Present	AsiaFlux	Temperate	WAT	Hiroki Iwata	hiwata@shinshu-u.ac.jp
KEW*	Kiryu Experiment watershed	Japan	34.964	135.994	2012	Present	AsiaFlux	Temperate	ENF	Yoshiko Kosugi	ykosugi@kais.kyoto-u.ac.jp
KR-CRK	Cheorwon rice paddy	South Korea	38.201	127.251	2015	Present	AsiaFlux	Temperate	CRO— Rice	Youngryel Ryu and Minseok Kang	yryu@snu.ac.kr and ms-kang@ncam.kr
MY-CMC	Ceramat Ceria	Malaysia	1.400	111.402	2013	Present	AsiaFlux	Tropical and sub- tropical	WET	Lulie Melling	lulie_melling@yahoo.com
MY-MLM*	Maludam	Malaysia	1.454	111.149	2013	Present	Site PI	Tropical and sub- tropical	WET	Angela Tang	atchiemac@gmail.com
MY-SBW	Sibu station	Malaysia	2.186	111.846	2013	Present	AsiaFlux	Tropical and sub- tropical	CRO— Other	Wong Guan Xhuan	kenwgux@gmail.com
MYM	Mymensingh Flux Study Site	Bangladesh	24.739	90.426	—	—	AsiaFlux	Tropical and sub- tropical	CRO— Rice	Abdul Baten	baten_envsc@yahoo.com
NO-And	Andoya	Norway	69.143	16.022	—	—	European Fluxes Database Cluster	Tundra	WET	Daniel Rasse	daniel.rasse@bioforsk.no
NL-Hor	Horstermeer	Netherlands	52.240	5.071	2006	Present	CarboEuropeIP/ GHG-Europe/ IMECC/InGOS	Temperate	GRA	Han Dolman	han.dolman@falw.vu.nl
NZ-Kop*	Kopuatai	New Zealand	-37.388	175.554	2012	2014	OzFlux	Temperate	WET	Dave Campbell	davec@waikato.ac.nz
PDF**	Palangkaraya drained forest	Indonesia	-2.345	114.036	2016	Present	AsiaFlux	Tropical and sub- tropical	MF	Takashi Hirano	hirano@env.agr.hokudai.ac.jp
PH-Rif	Philippines Rice Institute flooded	Philippines	14.141	121.265	2011	Present	AsiaFlux	Tropical and sub- tropical	CRO— Rice	Ma. Carmelita Alberto	m.alberto@irri.org
PL-Kpt	Kopytkowo	Poland	53.592	22.892	2012	Present	European Fluxes Database Cluster	Temperate	WET	Krzysztof Fortuniak	kfortun@uni.lodz.pl
PL-wet	Rzecin	Poland	52.762	16.309	—	—	CarboEuropeIP/ GHG-Europe	Temperate	WET	Bogdan Chojnicki	ogdan.chojnicki@gmail.com
RU-Ch2*	Chersky refer- ence	Russia	68.617	161.351	2013	Present	PAGE2I	Boreal forests/ taiga	WET	Matthias Goeckede	mgoeck@bgc-jena.mpg.de
RU-Che*	Chersky	Russia	68.613	161.341	2014	Present	PAGE2I, TCOS- Siberia	Boreal forests/ taiga	WET	Matthias Goeckede	mgoeck@bgc-jena.mpg.de
RU-Cok	Chokurdakh	Russia	70.829	147.494	2008	2013	GHG-Europe/ PAGE2I/TCOS- Siberia	Tundra	WET	Han Dolman	han.dolman@falw.vu.nl
RU-Fy2**	Fyodorovskoye dry spruce stand	Russia	56.448	32.902	2015	Present	European Fluxes Database Cluster	Temperate	ENF	Andrej Varlagin	varlagin@sevin.ru
RU-KsC	Kaskara Crop	Russia	57.251	65.969	2013	2013	European Fluxes Database Cluster	Temperate	CRO— Other	Elisa Fleischer	elisa.fleischer@uni-muenster.de
RU-KsG	Kaskara Grass	Russia	57.253	65.993	2013	2013	European Fluxes Database Cluster	Temperate	GRA	Elisa Fleischer	elisa.fleischer@uni-muenster.de
RU-SAM*	Samoylov	Russia	72.374	126.496	2002	2014	PAGE2I	Tundra	WET	Torsten Sachs	torsten.sachs@gfz-potsdam.de

Site ID	Site name	Country	Lat (°N)	Lon (°E)	Start date	End date	Network/ source	Biome	IGBP	PI	Contact
RU-Tks	Tiksi	Russia	71.594	128.888	2014	Present	PAGE2I	Tundra	WET	Mika Aurela	mika.aurela@fmi.fi
RU-Uts	Uteshevo	Russia	57.155	65.343	2012	2012	European Fluxes Database Cluster	Boreal forests/taiga	GRA	Elisa Fleischer	elisa.fleischer@uni-muenster.de
RU-Vrk*	Seida/Vorkuta	Russia	67.055	62.940	2007	2008	PAGE2I	Tundra	WET	Thomas Friborg	tfj@ign.ku.dk
SE-Deg*	Degero	Sweden	64.182	19.557	2013	Present	CarboEuropeIP/ICOS	Boreal forests/taiga	WET	Matthias Peichl, Mats Nilsson	matthias.peichl@slu.se, mats.b.nilsson@slu.se
SE-Faj	Fäjemyr	Sweden	56.265	13.554	2008	Present	GHG-Europe CarboEuropeIP,	Temperate	WET	Magnus Lund	ml@bios.au.dk
SE-StI*	Stordalen grass-land (mire)	Sweden	68.350	19.050	2012	2014	Carbomont, PAGE2I	Tundra	WET	Thomas Friborg	tfj@ign.ku.dk
SE-Sto*	Stordalen Palsa bog	Sweden	68.360	19.050	2014	2016	ICOS	Tundra	WET	Thomas Friborg	tfj@ign.ku.dk
SE-Svb	Svartberget	Sweden	64.256	19.775	2015	—	ICOS	Boreal forests/taiga	ENF	Matthias Peichl, Mats Nilsson	matthias.peichl@slu.se, mats.b.nilsson@slu.se
SJ-Adv	Adventdalen	Norway	78.186	15.923	—	—	PAGE2I	Tundra	WET	Torben Christensen	torben.christensen@nateko.lu.se
U.K.-LBT	London_BT	United Kingdom	51.522	-0.139	2011	Present	GHG-Europe/InGOS	Temperate	URB	Carole Helfter	caro2@ceh.ac.uk
U.S.-Act**	Acton Lake Flux Tower Site	United States	39.582	-84.755	2018	Present	AmeriFlux	Temperate	WAT	Sarah Waldo	waldo.sarah@epa.gov
U.S.-ALQ**	Allequash Creek site	United States	46.031	-89.607	2018	Present	AmeriFlux	Temperate	WET	Brent Olson	bwolson@usgs.gov
U.S.-Atq*	Atqasuk	United States	70.470	-157.409	2013	Present	AmeriFlux	Tundra	WET	Donatella Zona	dzona@mail.sdsu.edu
U.S.-BdA**	Burdette Farm rice field—AWD	United States	35.809	-90.033	—	—	AmeriFlux	Temperate	CRO—Rice	Michele L. Reba	michele.reba@ars.usda.gov
U.S.-BdC**	Burdette Farm rice field—Conventional	United States	35.809	-90.028	—	—	AmeriFlux	Temperate	CRO—Rice	Michele L. Reba	michele.reba@ars.usda.gov
U.S.-Beo*	Barrow	United States	71.281	-156.612	2013	Present	AmeriFlux	Tundra	WET	Donatella Zona	dzona@mail.sdsu.edu
U.S.-Bes*	Barrow	United States	71.281	-156.596	2013	Present	AmeriFlux	Tundra	WET	Donatella Zona	dzona@mail.sdsu.edu
U.S.-Bi1*	Bouldin Island alfalfa	United States	38.102	-121.504	2016	Present	AmeriFlux	Temperate	CRO—Other	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Bi2*	Bouldin Island corn	United States	38.109	-121.535	2017	Present	AmeriFlux	Temperate	CRO—Other	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Brw**	Barrow	United States	71.323	-156.609	2013	Present	AmeriFlux	Tundra	WET	Donatella Zona	dzona@mail.sdsu.edu
U.S.-BSM	Barnstable Great Marsh	United States	41.730	-70.364	2017	Present	AmeriFlux	Temperate	WET	Jim Tang	jtang@mbl.edu
U.S.-Cms	Central Marsh	United States	71.32	-156.622	1999	2005	AmeriFlux	Tundra	WET	Masahito Ueyama	miyabi-flux@muh.biglobe.ne.jp
U.S.-CRT*	Curtice Walter-Berger cropland	United States	41.628	-83.347	2011	2014	AmeriFlux	Temperate	CRO—Other	Housen Chu	chu.housen@gmail.com

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U.S.-EDN**	Eden Land- ing Ecological Reserve	United States	37.616	-122.114	2018	Present	Site PI	Temperate	WET	Patty Oikawa	patty.oikawa@csueastbay.edu
U.S.-EML	Eight Mile Lake permafrost thaw gradient, Healy, Alaska	United States	68.878	-149.253	2015	Present	AmeriFlux	Tundra	WET	Ted Schuur	ted.schuur@nau.edu
U.S.-Ho1*	Howland Forest (main tower)	United States	45.204	-68.740	2012	Present	AmeriFlux	Temperate	ENF	Andrew Richardson	andrew.richardson@nau.edu
U.S.-HRA*	Humnoke Farm rice field AWD, United States	United States	34.585	-91.752	2017	Present	AmeriFlux	Temperate	CRO— Rice	Benjamin Runkle	brrunkle@uark.edu
U.S.-HRC*	Humnoke Farm rice field con- ventional, United States	United States	34.589	-91.752	2017	Present	AmeriFlux	Temperate	CRO— Rice	Benjamin Runkle	brrunkle@uark.edu
U.S.-HRP**	Herring River phragmites	United States	41.938	-70.055	2017	Present	AmeriFlux	Temperate	WET	Jim Tang	jtang@mbledu
U.S.-ICs*	Wet sedge tundra	United States	68.606	-149.311	2014	Present	AmeriFlux	Tundra	WET	Eugenie Euskirchen	seeuskirchen@alaska.edu
U.S.-Ivo*	Ivotuk	United States	68.486	-155.750	2013	Present	AmeriFlux	Tundra	WET	Donatella Zona	dzona@mail.sdsu.edu
U.S.-KCM	KCMP Tall Tower	United States	44.689	-93.073	—	—	AmeriFlux	Temperate	CRO— Other	John Baker	jbaker@umn.edu
U.S.-LA1*	Pointe-aux- Chenes brackish marsh	United States	29.501	-90.445	2011	2013	Site PI	Tropical and sub- tropical	WET	Ken Krauss	kraussk@usgs.gov
U.S.-LA2*	Salvador WMA freshwater marsh	United States	29.859	-90.287	2011	2013	Site PI	Tropical and sub- tropical	WET	Ken Krauss	kraussk@usgs.gov
U.S.-LGr	Lockney Grass- land	United States	34.138	-101.479	2013	Present	AmeriFlux	Temperate	GRA	Nithya Rajan	nrajan@tamu.edu
U.S.-Los*	Lost Creek	United States	46.083	-89.979	2014	Present	AmeriFlux	Temperate	WET	Ankur Desai	desai@aos.wisc.edu
U.S.-MRM*	Marsh Resource Meadowlands Mitigation Bank	United States	40.816	-74.044	2012	Present	AmeriFlux	Temperate	WET	Karina Schäfer	karinavr@rutgers.edu
U.S.-Myb*	Mayberry wet- land	United States	38.050	-121.765	2010	Present	AmeriFlux	Temperate	WET	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-NC2**	NC_Loblolly Plantation	United States	35.803	-76.669	—	—	AmeriFlux	Temperate	ENF	Asko Noormets	noormets@tamu.edu
U.S.-NC3**	NC_Clearcut#3	United States	35.799	-76.656	—	—	AmeriFlux	Temperate	ENF	Asko Noormets	noormets@tamu.edu
U.S.-NC4*	NC Alligator River	United States	35.788	-75.904	2012	Present	AmeriFlux	Temperate	WET	Asko Noormets	noormets@tamu.edu
U.S.-NGB*	NGEE Barrow	United States	71.280	-156.609	2012	Present	AmeriFlux	Tundra	WET	Margaret Torn	mstorn@lbl.gov

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U.S.-NGC*	NGEE Arctic Council	United States	64.861	-163.701	2017	Present	AmeriFlux	Boreal forests/ taiga	WET	Sigrid Dengel	sdengel@lbl.gov
U.S.-NR2	Niwot Ridge Forest	United States	40.033	-105.547	2014	2016	AmeriFlux	Temperate	ENF	Dean Anderson	deander@usgs.gov
U.S.-Nrf**	Nisqually reference	United States	47.094	-122.693	2017	Present	AmeriFlux	Temperate	WET	Lisamarie Windham-Myers	lwindham-myers@usgs.gov
U.S.-Nrs**	Nisqually restoring	United States	47.094	-122.708	2017	Present	AmeriFlux	Temperate	WET	Lisamarie Windham-Myers	lwindham-myers@usgs.gov
U.S.-OF1**	Osceola Farm rice field—SW	United States	35.737	-90.049	—	—	AmeriFlux	Temperate	CRO— Rice	Michele L. Reba	michele.reba@ars.usda.gov
U.S.-OF2**	Osceola Farm rice field—NW	United States	35.747	-90.051	—	—	AmeriFlux	Temperate	CRO— Rice	Michele L. Reba	michele.reba@ars.usda.gov
U.S.-ORv*	Olentangy River Wetland Research Park	United States	40.020	-83.018	2011	Present	AmeriFlux	Temperate	WET	Gil Bohrer	bohrer.17@osu.edu
U.S.-OWC*	Old Woman Creek	United States	41.380	-82.512	2015	Present	AmeriFlux	Temperate	WET	Gil Bohrer	bohrer.17@osu.edu
U.S.-PFa**	Park Falls/WLEF	United States	45.946	-90.272	2010	Present	AmeriFlux	Temperate	MF	Ankur Desai	desai@aos.wisc.edu
U.S.-RRC**	Rice Rivers Center Marsh	United States	37.334	-77.206	2017	Present	AmeriFlux	Temperate	WET	Christopher Gough	cmgough@vcu.edu
U.S.-SDU	South Denver Urban Tower	United States	39.659	-105.013	2012	2014	AmeriFlux	Temperate	URB	Dean Anderson	deander@usgs.gov
U.S.-Snd*	Sherman Island	United States	38.037	-121.754	2007	2015	AmeriFlux	Temperate	CRO— Other	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Sne*	Sherman Island restored wetland	United States	38.037	-121.755	2016	Present	AmeriFlux	Temperate	WET	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Srr*	Suisun marsh—Rush Ranch	United States	38.201	-122.026	2014	Present	AmeriFlux	Temperate	WET	Lisamarie Windham-Myers	lwindham-myers@usgs.gov
U.S.-Stj*	St. Jones Reserve	United States	39.088	-75.437	2015	Present	AmeriFlux	Temperate	WET	Rodrigo Vargas	rvargas@udel.edu
U.S.-Tur**	Turner Ranch	United States	45.558	-111.229	2017	2018	Site PI	Temperate	GRA	Paul Stoy	paul.stoy@gmail.com
U.S.-Tw1*	Twitchell west pond wetland	United States	38.107	-121.647	2012	Present	AmeriFlux	Temperate	WET	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Tw4*	Twitchell east end wetland	United States	38.103	-121.641	2013	Present	AmeriFlux	Temperate	WET	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Twt*	Twitchell rice	United States	38.109	-121.653	2009	2017	AmeriFlux	Temperate	CRO— Rice	Dennis Baldocchi	baldocchi@berkeley.edu
U.S.-Uaf*	University of Alaska Fairbanks	United States	64.866	-147.856	2009	Present	AmeriFlux	Boreal forests/ taiga	WET	Masahito Ueyama	miyabi-flux@muh.biglobe.ne.jp
U.S.-WPT*	Winous Point north marsh	United States	41.465	-82.996	2011	2014	AmeriFlux	Temperate	WET	Housen Chu	chu.housen@gmail.com
ZRS	Zoige Flux Research Station	China	32.968	102.617	2013	2016	AsiaFlux	Montane grasslands and shrublands	WET	Huai Chen	chenhuai@cib.ac.cn
—	Tai Lake	China	31.420	120.210	—	—	ChinaFlux	Temperate	WAT	Xuhui Lee	xuhui.lee@yale.edu

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—	Yancheng	China	33.210	120.280	2016	Present	ChinaFlux	Temperate	CRO— Rice	Hongsheng Zhang	hsdq@pku.edu.cn
—	Great Hing'an Mountains	China	52.940	122.860	2014	2015	ChinaFlux	Temperate	WET	Changchun Song	songcc1981@sohu.com
—	Zhangye	China	39.000	100.400	—	—	ChinaFlux	Deserts and xeric shrublands	WET	Rui Sun	sunrui@bnu.edu.cn
—	Shennongjia	China	31.480	110.000	—	—	ChinaFlux	Temperate	WET	Jiwen Ge	gejiwen2002@aliyun.com
—	Yueyang	China	29.530	112.900	—	—	ChinaFlux	Temperate	WET	Xudong Zhang	zhxdcaf@163.com
—	Panjin	China	41.450	122.680	—	—	ChinaFlux	Temperate	CRO— Rice	Jingmiao Liu	jingmiaol@cams.cma.gov.cn
—	Central Rice Research Institute	India	20.450	85.940	2012	2013	Literature (Bhattacharyya et al. 2014)	Tropical and subtropical	CRO— Rice	P. Bhattacharyya	pratap162001@yahoo.co.in
—	Tomago, New South Wales	Australia	-32.820	151.734	—	—	Literature (Edwards et al. 2016)	Temperate	WET	Neil Saintilan	neil.saintilan@mq.edu.au
—	Sundarbans biosphere reserve	India	21.815	88.630	2012	2012	Literature (Jha et al. 2014)	Mangroves	WET	Suraj Reddy Rodda	surajking123@gmail.com
—	Ballards Marsh, Sandhill	United States	42.867	-100.550	1994	1994	Literature (Kim et al. 1998)	Temperate	WET	Shashi Verma	svermal@unl.edu
—	Oukoop	Netherlands	52.033	4.767	2006	2008	Literature (Kroon et al. 2010)	Temperate	GRA	Elmar Veenendaal, Eddy Moors	elmar.veenendaal@wur.nl
—	James Bay lowlands	Canada	53.674	-78.171	2012	2012	Literature (Nadeau et al. 2013)	Boreal forests/taiga	WET	Daniel Nadeau	daniel.nadeau@gci.ulaval.ca
—	Seney National Wildlife Refuge	United States	46.317	-86.050	2011	2011	Literature (Pypker et al. 2013)	Temperate	WET	Rodney Chimner	rchimner@mtu.edu
—	Luanhaizi alpine wetland	China	37.583	101.333	2012	2013	Literature (Song et al. 2015)	Montane grasslands and shrublands	WET	Jin-Sheng He	jshe@pku.edu.cn
—	Arcturus	Australia	-23.859	148.475	2011	2014	OzFlux	Tropical and subtropical	CRO— Other	Andrew Feitz	andrew.feitz@ga.gov.au
—	Kytalyk	Russia	70.824	147.490	—	—	PAGE2I	Tundra	WET	Trofim Maximov	t.c.maximov@ibpc.ysn.ru
—*	Black spruce forest	United States	64.700	-148.320	2013	2016	Site PI	Boreal forests/taiga	ENF	Eugenie Euskirchen	seeuskirchen@alaska.edu
—*	Rich fen	United States	64.704	-148.313	2013	2016	Site PI	Boreal forests/taiga	WET	Eugenie Euskirchen	seeuskirchen@alaska.edu
—*	Thermokarst collapse scar bog	United States	64.700	-148.320	2013	2016	Site PI	Boreal forests/taiga	WET	Eugenie Euskirchen	seeuskirchen@alaska.edu
—*	Bog Lake peatland	United States	47.530	-93.470	1991	1992	Site PI	Temperate	WET	Shashi Verma	svermal@unl.edu
—*	Hongyuan	China	32.800	102.550	2015	Present	Site PI	Montane grasslands and shrublands	GRA	Shuli Niu	sniu@igsnr.ac.cn
—*	MacArthur Agro-Ecology Research Center	United States	27.163	-81.187	2013	2015	Site PI	Temperate	CRO— Other	Samuel Chamberlain	schamberlain@berkeley.edu

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—**	Huetelmoor	Germany	54.210	12.180	2011	2013	Site PI	Temperate	WET	Franziska Koebisch	koebisch@gfz-potsdam.de
—**	Las Tablas de Daimiel	Spain	39.140	-3.690	—	—	Site PI	Mediterranean	WET	Salvador Sánchez-Carrillo	sanchez.carrillo@mncn.csic.es
—**	Salmisuo	Finland	62.460	30.580	2007	2007	Site PI	Boreal forests/ taiga	WET	Martin Wilmking	wilmking@uni-greifswald.de
—**	Sihong	China	33.500	118.500	2017	Present	Site PI	Temperate	DBF	Weifeng Wang	wang.weifeng@njfu.edu.cn
—**	Puerto Morelos	Mexico	20.849	-86.875	2017	Present	Site PI	Mangroves	WET	Maria Susana Alvarado-Barrientos	susana.alvarado@gmail.com
—**	Pichavaram mangrove forest	India	11.423	79.775	2016	Present	Site PI	Tropical and sub-tropical	WET	Dr.Gnanamoorthy P	pg.moorthy87@gmail.com
—**	Wicken sedge fen	United Kingdom	52.260	0.170	2013	2016	Site PI	Temperate	WET	Joerg Kaduk	jk61@le.ac.uk
—**	Wicken Bakers fen	United Kingdom	52.180	0.160	2013	2016	Site PI	Temperate	WET	Joerg Kaduk	jk61@le.ac.uk
—**	Baia das Pedras	Brazil	-16.498	-56.412	2013	2017	Site PI	Flooded grasslands and savannas	WET	George Vourlitis	georgev@csusm.edu
—**	Jurong Agricultural Observation Station	China	31.807	119.217	2016	Present	Site PI	Temperate	CRO— Rice	Yongguang Zhang	yongguang_zhang@nju.edu.cn
—**	Robinsons peatland	Kazakhstan	48.264	58.665	2013	Present	Site PI	Deserts and xeric shrublands	WET	Jianghua Wu	jwu@grenfell.mun.ca
—	Lonielist	United Kingdom	58.390	-3.765	2014	Present	Site PI	Temperate	WET	Mhairi Coyle	mhairi.coyle@hutton.ac.uk
—	Tambopata	Peru	-12.833	-69.277	2011	Present	Site PI	Tropical and sub-tropical	MF	Tomas Ferreira Domingues	
—	Eunpyeong urban site	South Korea	37.648	126.928	2016	2017	Site PI	Temperate	URB	Jinkyu Hong	jhong@yonsei.ac.kr
—**	Rodewiese	Germany	54.200	12.000	2011	Present	Site PI	Temperate	WET	Gerald Jurasinski	gerald.jurasinski@uni-rostock.de
—	Agali Forest Station	Estonia	58.271	27.3182	2017	Present	Site PI	Temperate	MF	Kaido Soosaar	kaido.soosaar@ut.ee
—	Prudhoe Bay wet sedge	United States	70.085	-148.57	—	—	Site PI	Tundra	WET	John Kochendorfer	john.kochendorfer@noaa.gov
—	Sag Riverside	United States	69.506	-148.22	—	—	Site PI	Tundra	WET	Masahito Ueyama	miyabi-flux@muh.biglobe.ne.jp
—	Illisarvik	Canada	69.48	-134.587	—	—	Site PI	Tundra	WET	Andreas Christen	andreas.christen@meteo.uni-freiburg.de
—	Fish Island	Canada	69.372	-134.881	—	—	Site PI	Tundra	WET	Andreas Christen	andreas.christen@meteo.uni-freiburg.de
—	Aemmaessuo	Finland	60.237	24.534	—	—	Site PI	Boreal forests/ taiga	URB	Tuomas Laurila	tuomas.laurila@fmi.fi
—	Happy Valley	United States	69.167	-148.85	—	—	Site PI	Tundra	WET	Masahito Ueyama	miyabi-flux@muh.biglobe.ne.jp
—**	Stormyran	Sweden	64.175	19.564	2019	Present	Site PI	Boreal forests/ taiga	WET	Mats Nilsson, Matthias Pechl	mats.b.nilsson@slu.se, matthias.pechl@slu.se
—**	Hålmyran	Sweden	64.16	19.569	2019	Present	Site PI	Boreal forests/ taiga	WET	Mats Nilsson, Matthias Pechl	mats.b.nilsson@slu.se, matthias.pechl@slu.se

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—**	Hälsingfors Stormyrän	Sweden	64.16	19.551	2019	Present	Site PI	Boreal forests/ taiga	WET	Mats Nilsson, Matthias Peichl	mats.b.nilsson@slu.se, matthias.peichl@slu.se
—**	Hälsingfors Stormyrän Ditched	Sweden	64.154	19.549	2019	Present	Site PI	Boreal forests/ taiga	WET	Mats Nilsson, Matthias Peichl	mats.b.nilsson@slu.se, matthias.peichl@slu.se
—**	Trollberget	Sweden	64.181	19.837	2019	Present	Site PI	Boreal forests/ taiga	WET	Matthias Peichl, Mats Nilsson	matthias.peichl@slu.se, mats.b.nilsson@slu.se

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