Metadata

Datapackage: River Erpe electrical conductivity data summer 2016/ Project HypoTrain

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Columnname	description	unit	description location
datetime_MEZ	date and time middle european time	YYYY-MM-DD hh:mm:ss	_
EC_stationA	electrical conductivity in the water at Station A	mS cm^{-1}	Station A: 52°28'48.3"N 13°38'12.4"E
EC_stationB	electrical conductivity in the water at Station B	mS cm^{-1}	Station B: 52°28'13.2"N 13°37'24.7"E
EC_stationC	electrical conductivity in the water at Station C	mS cm^{-1}	Station C: 52°45'51.0"N, 13°59'75.1"E
discharge_stationA_Qh1	waterdischarge resulting from power-law rating curve QhA1 (recorded 09.04.2016) at station A	m^3 s^{-1}	Station A: 52°28'48.3"N 13°38'12.4"E
discharge_stationA_Qh2	waterdischarge resulting from power-law rating curve QhA2 (recorded 13.06.2016) at station A	m^3 s^{-1}	Station A: 52°28'48.3"N 13°38'12.4"E
discharge_stationA_Qh3	waterdischarge resulting from power-law rating curve QhA3 (22.06.2016) at station A	m^3 s^{-1}	Station A: 52°28'48.3"N 13°38'12.4"E
discharge_stationB	waterdischarge resulting from power-law rating curve QhB (22.06.2016) at station B	m^3 s^{-1}	Station B: 52°28'13.2"N 13°37'24.7"E
discharge_stationA_shareQ	discharge calculated from QhA1 and QhA2 by lineraly increasing the share of QhA2 from 0 to 100%	m^3 s^{-1}	Station A: 52°28'48.3"N 13°38'12.4"E
watertemperature_stationA	temperature in the water at Station A	°C	Station A: 52°28'48.3"N 13°38'12.4"E
watertemperature_stationB	temperature in the water at Station B	°C	Station B: 52°28'13.2"N 13°37'24.7"E
watertemperature_stationC	temperature in the water at Station C	°C	Station C: 52°45'51.0"N, 13°59'75.1"E
precipitation_MSD	precipitation measured at MSD	mm	Müggelseedamm 310, Berlin Germany
solarradiation_MSD	global radiation measured at MSD	W m^{-2}	Müggelseedamm 310, Berlin Germany
airtemperature_MSD	air temperature measured at MSD	°C	Müggelseedamm 310, Berlin Germany

Columnname	**device**	**previously published**
datetime_MEZ	_	_
EC_stationA	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
EC_stationB	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
EC_stationC	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
discharge_stationA_Qh1	OTT MF Pro, OTT HydroMet, Kempten, Germany	_
discharge_stationA_Qh2	StreamPro ADCP by Teledyne RD Instruments, La Gaude, France	_
discharge_stationA_Qh3	StreamPro ADCP by Teledyne RD Instruments, La Gaude, France	_
discharge_stationB	StreamPro ADCP by Teledyne RD Instruments, La Gaude, France	_
discharge_stationA_shareQ	_	_
watertemperature_stationA	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
watertemperature_stationB	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
watertemperature_stationC	CTD-Diver, van Essen Instruments, Delft, The Netherlands	_
precipitation_MSD	weather station IGB Berlin	https://fred.igb-berlin.de/data/package/541
solarradiation_MSD	CMA6, Kipp&Zonen	https://fred.igb-berlin.de/data/package/541
airtemperature_MSD	Pt100, Thies GmbH	https://fred.igb-berlin.de/data/package/541