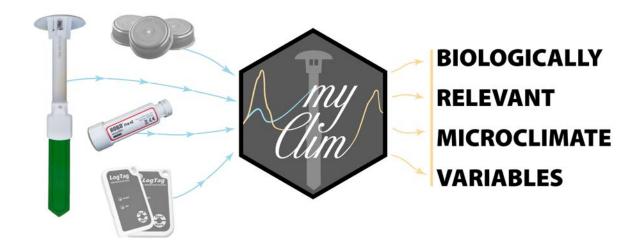
myClim

Microclimate data handling and standardised analyses in R

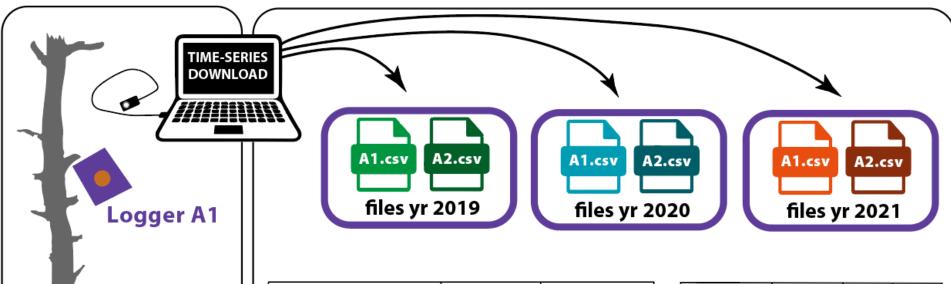


http://labgis.ibot.cas.cz

https://github.com/ibot-geoecology/myClim

https://github.com/manmatej/2023_SoilTemp_virtual

Matěj Man, Vojtěch Kalčík, Martin Macek, Josef Brůna, Lucia Hederová, Jan Wild, Martin Kopecký



path	locality_ID	data_format	
c:/files2019/A1.csv	Locality_A	НОВО	
c:/files2019/A2.csv	Locality_A	TOMST	
c:/files2020/A1.csv	Locality_A	НОВО	
c:/files2020/A2.csv	Locality_A	TOMST	
c:/files2021/A1.csv	Locality_A	НОВО	
c:/files2021/A2.csv	Locality_A	TOMST	

Logger A2

Locality_A

locality_ID	altitude	lon	lat
Locality_A	161	14.56	50.01

myClim Raw-format

```
mc_prep_clean()
mc_prep_calib()
mc_prep_calib_load()
mc_prep_meta()
mc_prep_solar_tz()
correct time-series
calibrate records
update metadata
compute solar time

mc_join()
```

myClim Agg-format

```
compute virtual sensors
```

```
mc_calc_cumsum()
mc_calc_fdd()
mc_calc_gdd()
mc_calc_snow()
mc_calc_vwc()
```

standard myClim envi

```
mc_env_temp()
mc_env_moist()
mc_env_vpd()
```

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mc_agg(weeks,months, seasons, years)

myClim Agg-format

months

weeks

Ţ

mc_reshape_long()
mc_reshape_wide()

analysis ready microclimatic time-series in table

