**Climate data**

Goal: worldclim variables at 1km resolution, up to 2023.

**Nordic countries**

[The Nordic Gridded Climate Dataset](https://cds.climate.copernicus.eu/cdsapp#!/dataset/insitu-gridded-observations-nordic?tab=overview)

1km resolution, daily temperature (mean, max, min) and precipitation for 1971-present

These will need to be converted to monthly values and then you can use the [biovars](https://www.rdocumentation.org/packages/dismo/versions/1.3-14/topics/biovars) function (dismo package in R) to calculate the worldclim variables from them. I was thinking this could be used to create yearly layers for 2013-2023.

**CHELSA**

Available up to 2018 [here](https://chelsa-climate.org/downloads/).

There are ‘climatologies’ (worldclim variables and others) already calculated for the period 1981-2010, which may be a good baseline to fit the initial SDM? You can browse the files [here](https://envicloud.wsl.ch/#/?prefix=chelsa%2Fchelsa_V2%2FGLOBAL%2F).