

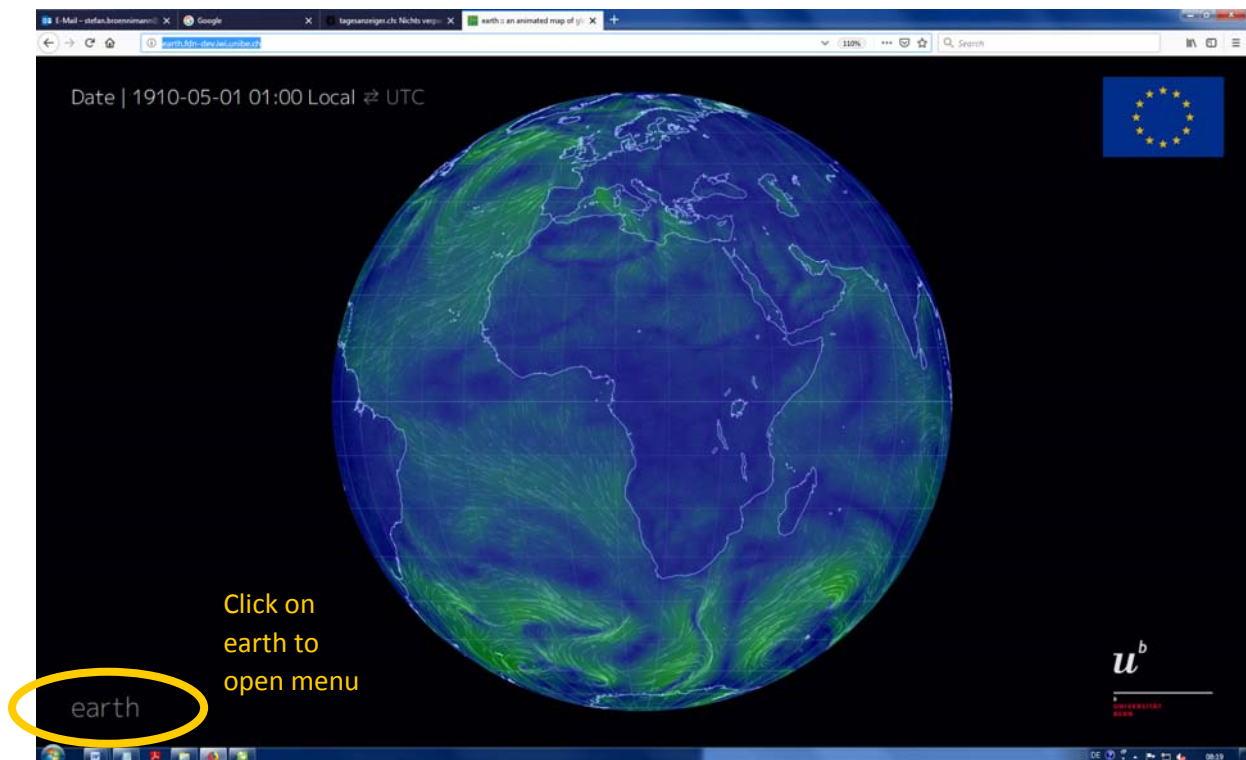
Reanalysis Exercise

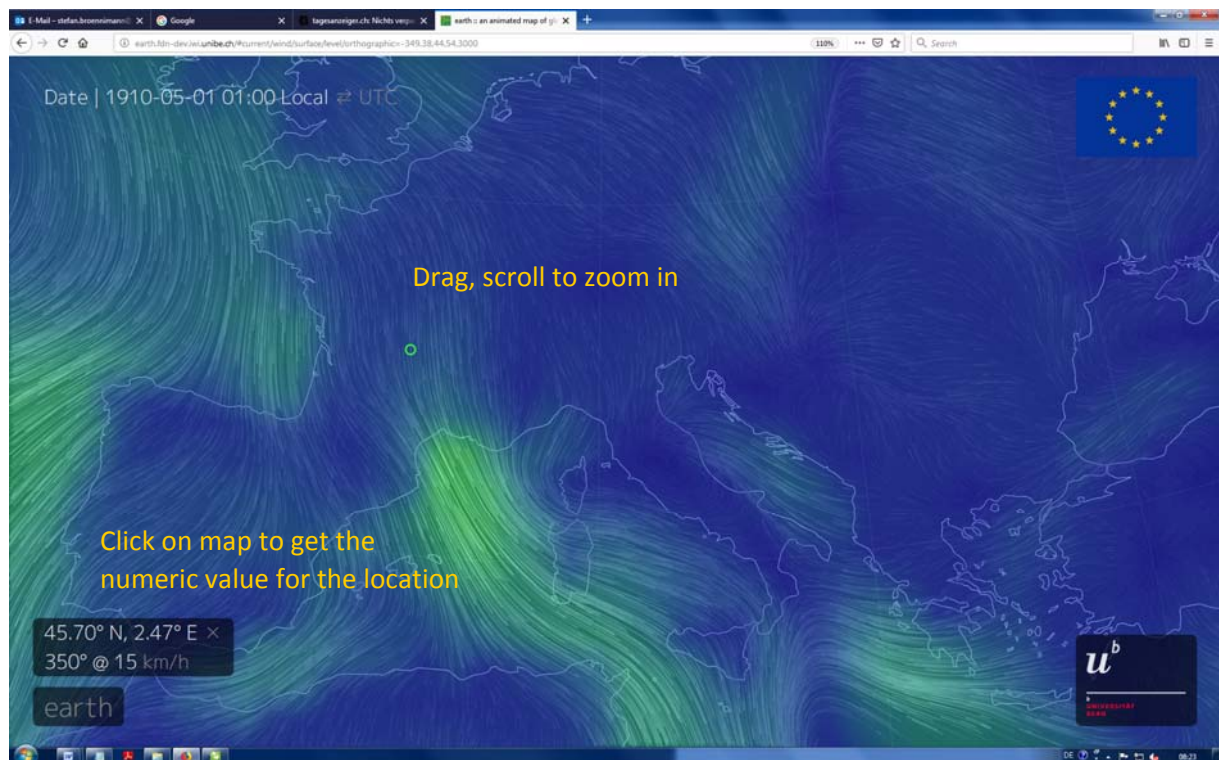
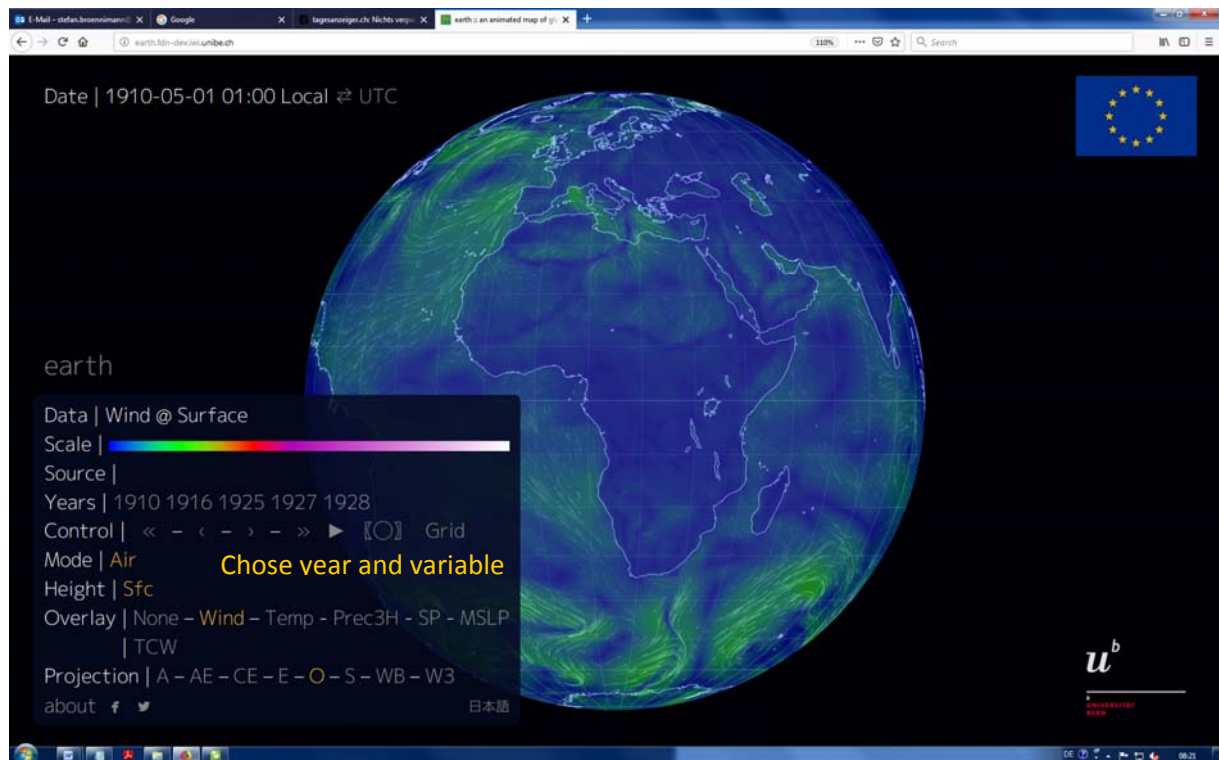
Reanalyses are huge data sets. Donwloading and plotting them already is a significant undertaking. For this exercise you can us an online visualization. You have to answer the following three questions:

- How much precipitation fell over northern Italy on 13 Dec 1916, 0 UTC within 3 hours?
- For 21 January 1928, 12 UTC, consider pressure over Europe, temperature over Eastern Siberia and total cloud water over Fiji Islands. Which do you trust most and why?
- Where was wind speed highest on 12 June 1910, 12 UTC? Do you trust this value? Is it physically plausible?

Here is a brief “How to” to this visualization interface

Go to: <http://earth.fdn-dev.iwi.unibe.ch/>





Alternatively, you can enter the information directly into the url. You have to adjust the yellow parts of the URL:

<http://earth.fdn-dev.iwi.unibe.ch/#1928/01/05/0000Z/wind/surface/level/overlay=mslp/orthographic=-226.02,48.66,1106>

...#**year/mon/day/timeZ**/wind/surface/level/overlay=**variable**/projection=**x,y,zoom**