PhenoALP project final meeting \ 12 – 14 October 2011 \ Field trip

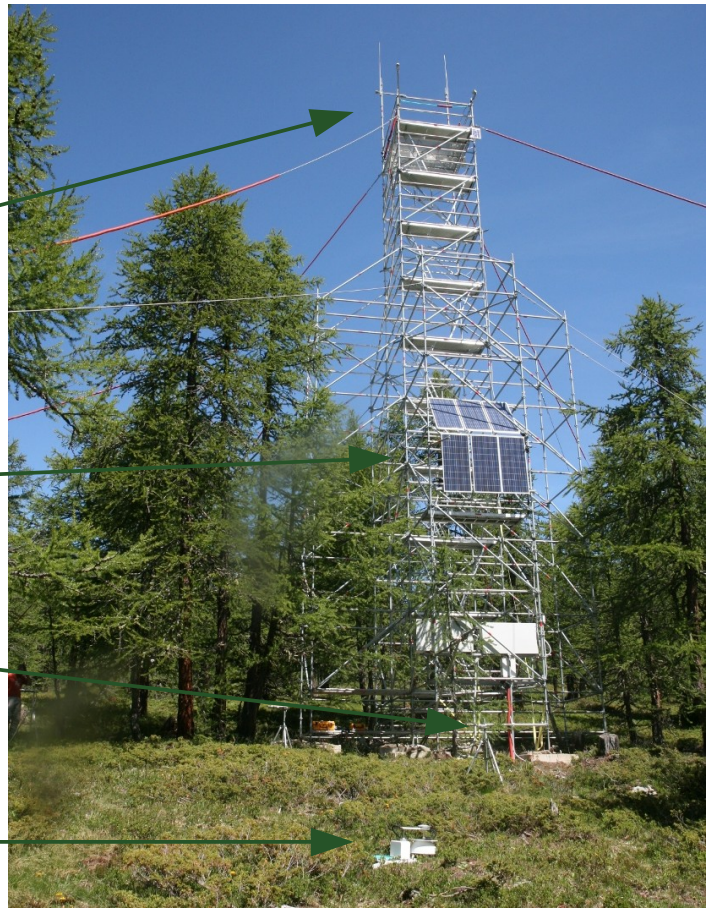
Larch flux tower and webcam

3D sonic anemometer (CSAT);
CO2/H20 open path gas analyzer (LI7500);
Precipitation, air temperature, relative humidity, canopy radiative temperature, net radiation, incoming, reflected and diffuse PAR;
Webcam (CC640 and Nikon D5000);
Sensors for NDVI and PRI (SRK1800);
Dataloggers

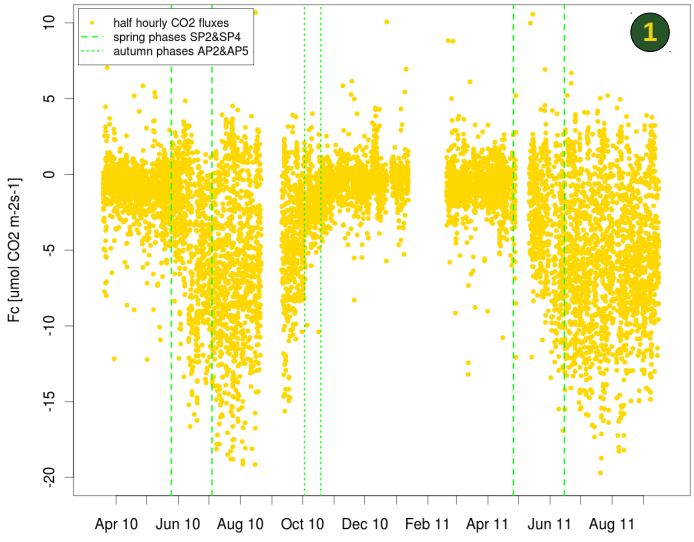
Dataloggers, solar pannel and batteries

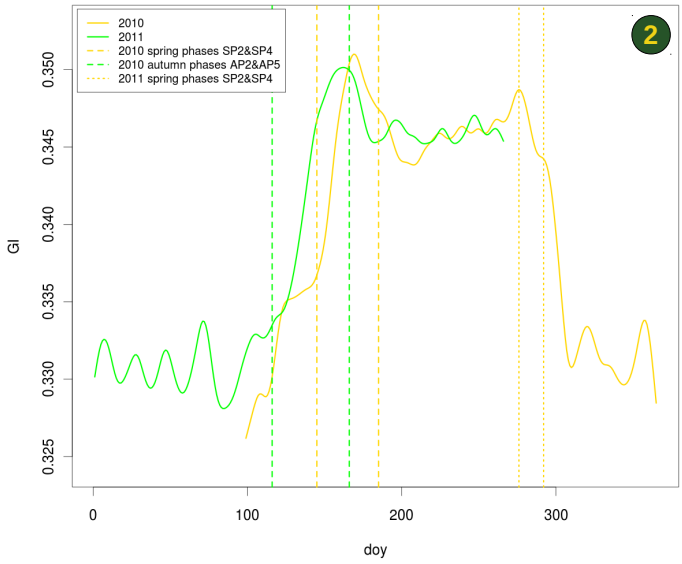
Snow depth;
Soil temperature, ground water content, ground heat fluxes;
Below canopy transmitted PAR

LI 8100: soil respiration automated chambers & atmospheric CO2 profile



1 Half hourly CO2 fluxes since march 2010: vertical lines represent ground based spring and autumn phenological observations; 2 time course of GI index computed from webcam RGB data and comparison with ground based phenological observations; note the strong anticipation of 2011 spring development (30-40 days).





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