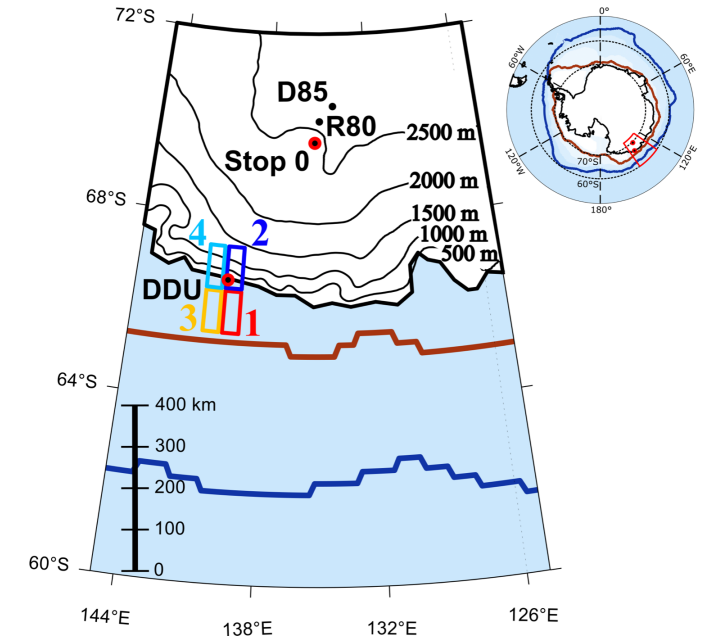
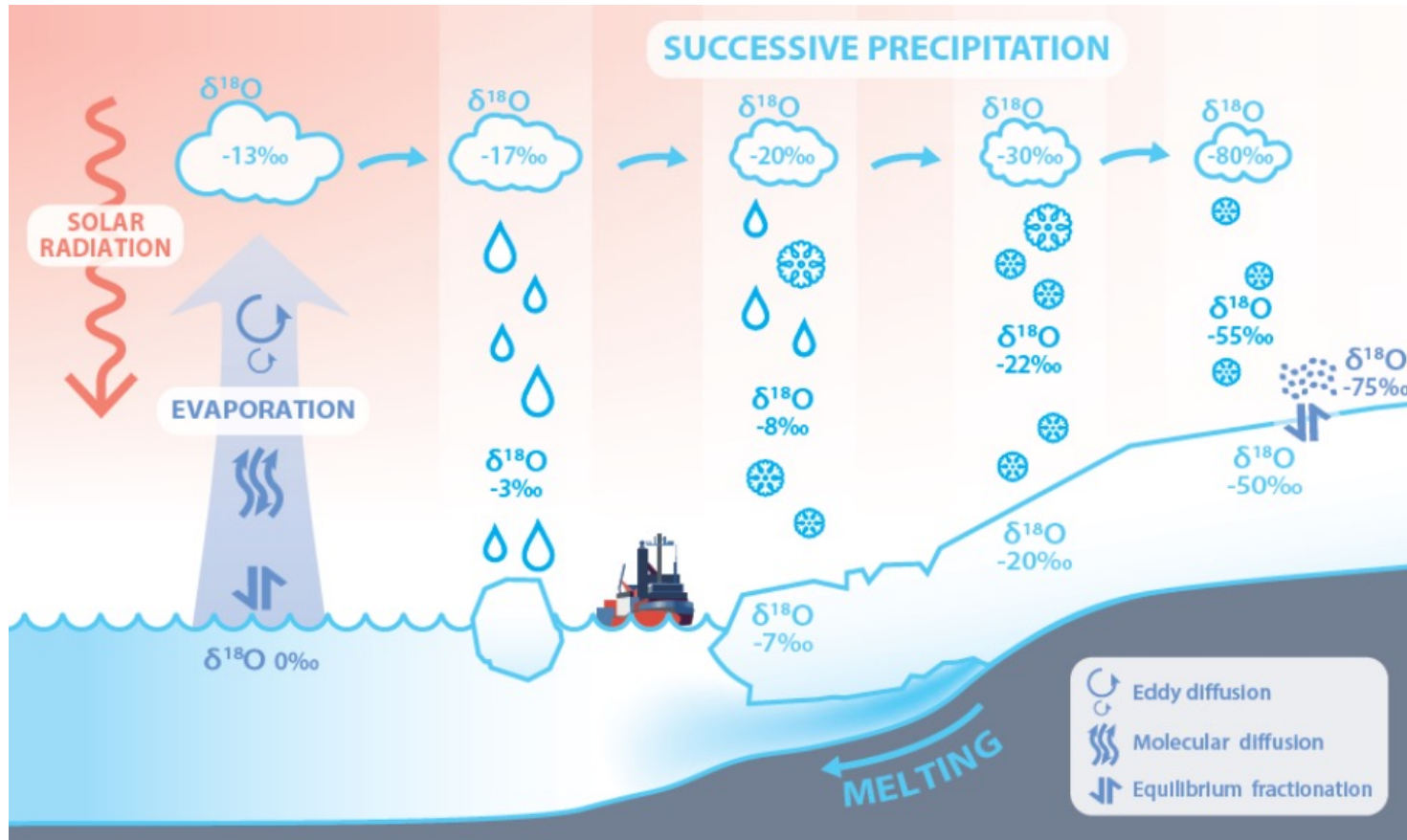


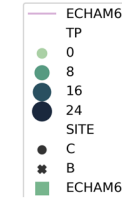
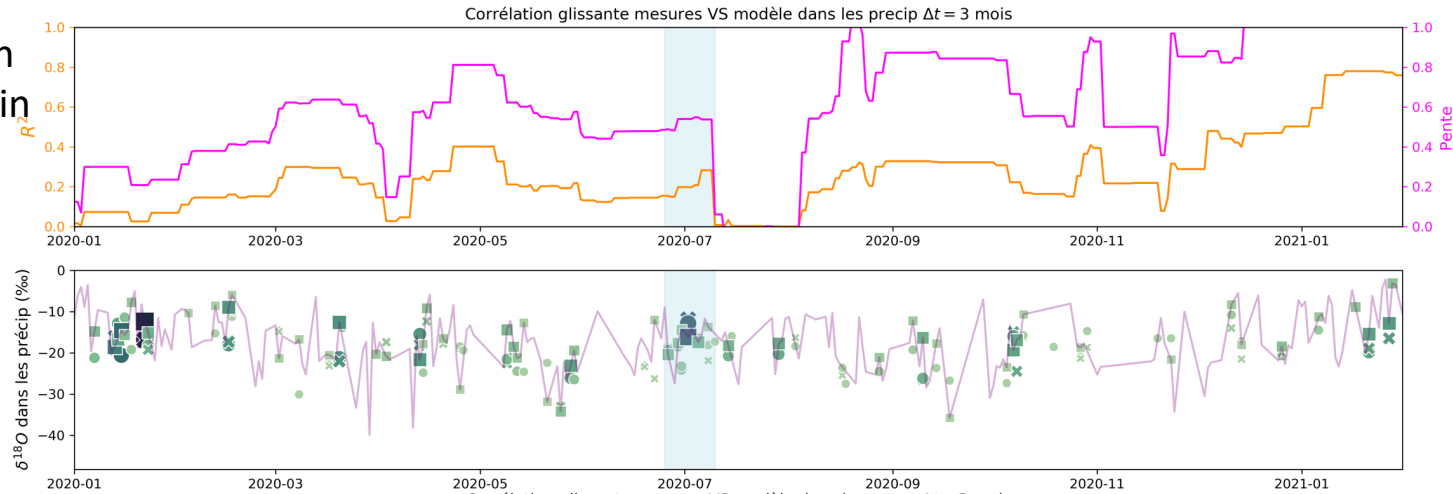
# Atmospheric water isotopes analysis in Adelie Land.



Comparison between ECHAM6-wiso model and measurements in precipitations and vapor at DDU.

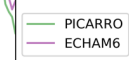
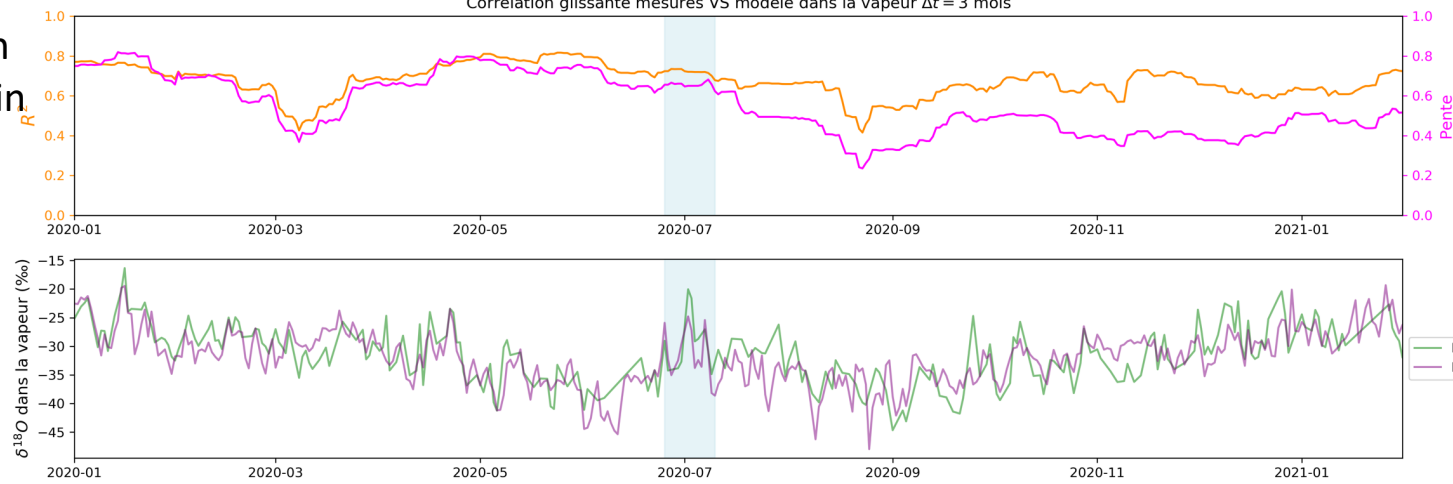
# Results for the year 2020

Rolling correlation between measurements and model in snow precipitations :



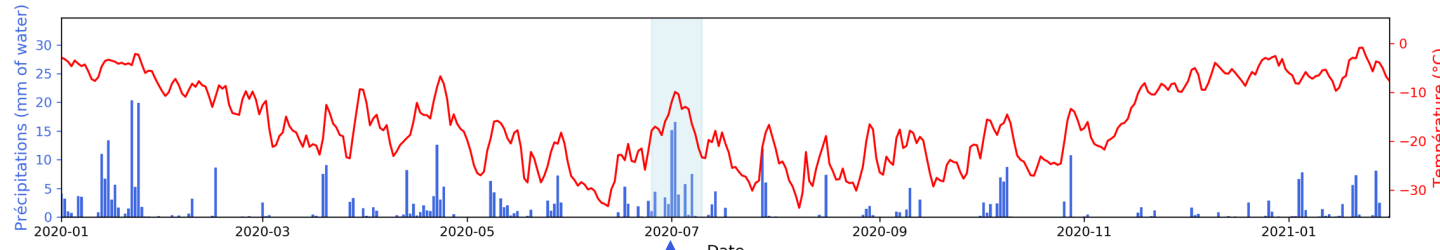
$\delta^{18}O$  (‰)  
Snow precipitations:  
Model  
Measurements

Rolling correlation between measurements and model in water vapor :



$\delta^{18}O$  (‰)  
Vapor model results  
Laser spectroscopy measurements in vapor

Total precipitations amount (mm of water)



Temperature (°C)

SUMMER

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Atmospheric river in winter 2020: moisture inflow