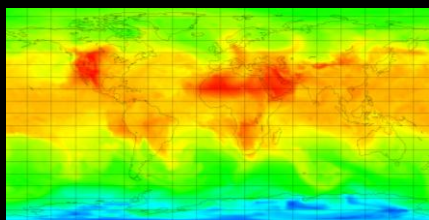
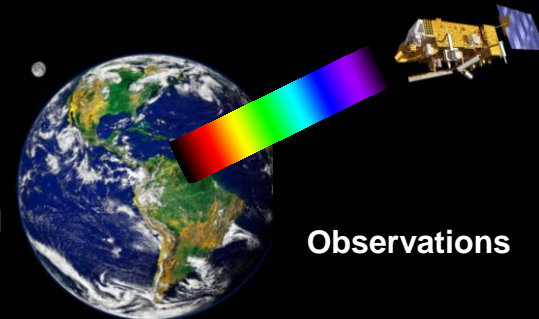


# Towards a strengthening of the coupling of NWP and CTM to improve the retrieval of thermodynamic fields from infrared passive sounders.

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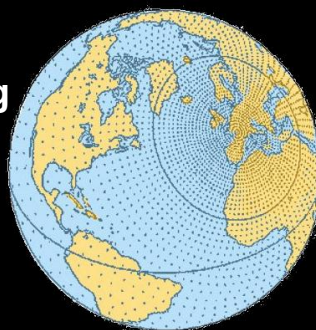


Background



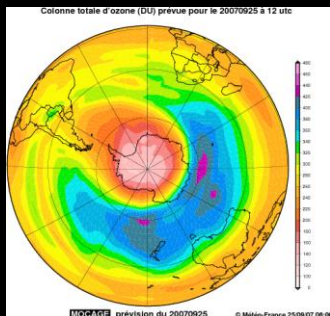
Observations

**Data assimilation**

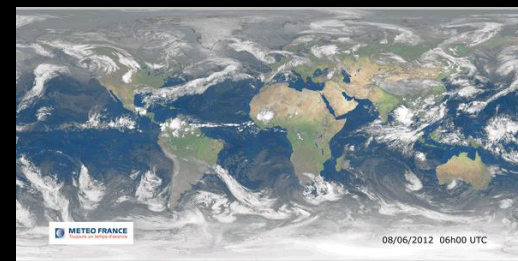


Numerical Weather Prediction (NWP)  
ARPEGE

Thermodynamic coupling



Chemistry Transport Model (CTM)  
MOCAGE or CAMS



Forecast



**New forecast**

**NEW GOAL !!! Chemistry coupling !!!**

