

# ORCHIDEE RETREAT

*Scientific session. Focus on soil  
Carbon*

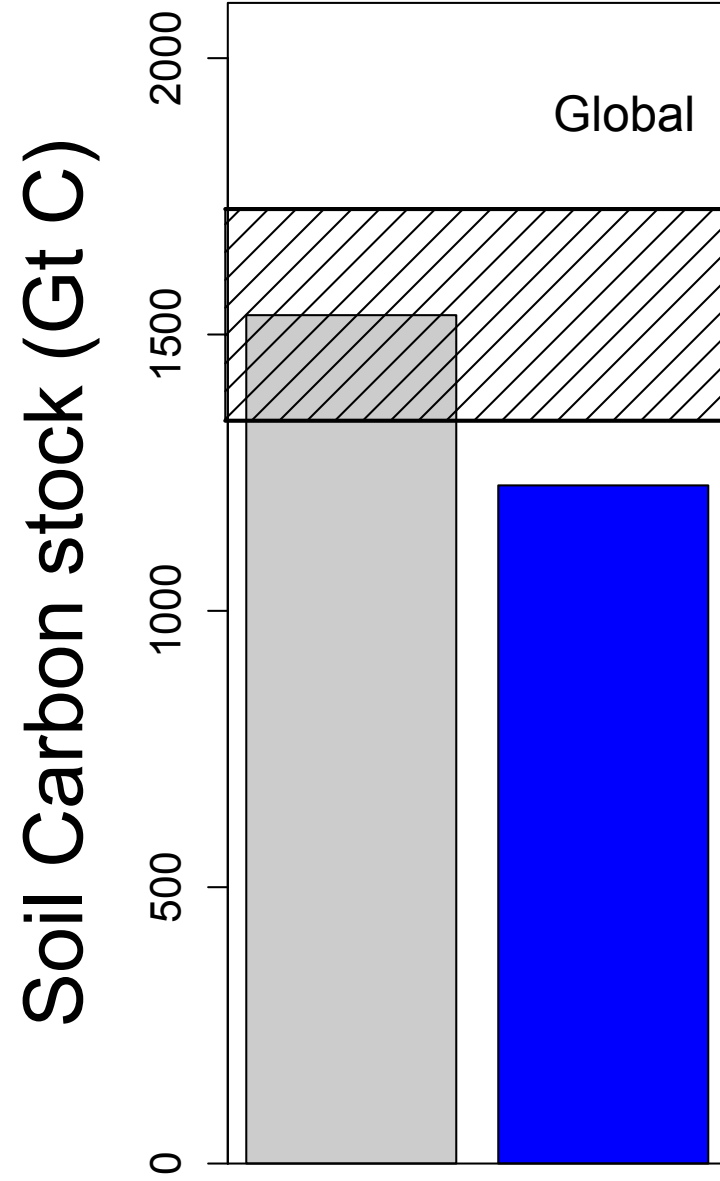
November 2015

# INTRODUCTION

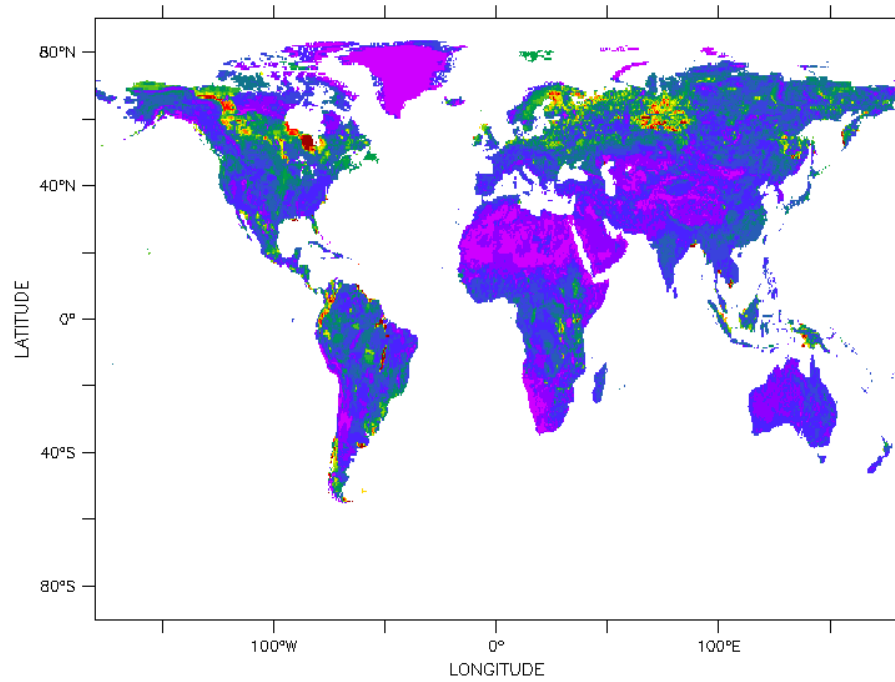
Comparing soil C stocks with global products is not straightforward:

1. Important uncertainties on global soil carbon stock  
(*Tifafi et al. in prep*)
2. Some products do not take into account permafrost or wetland C (or partially).
3. How to define soil carbon?
4. Depends on NPP=> compare turnover rates

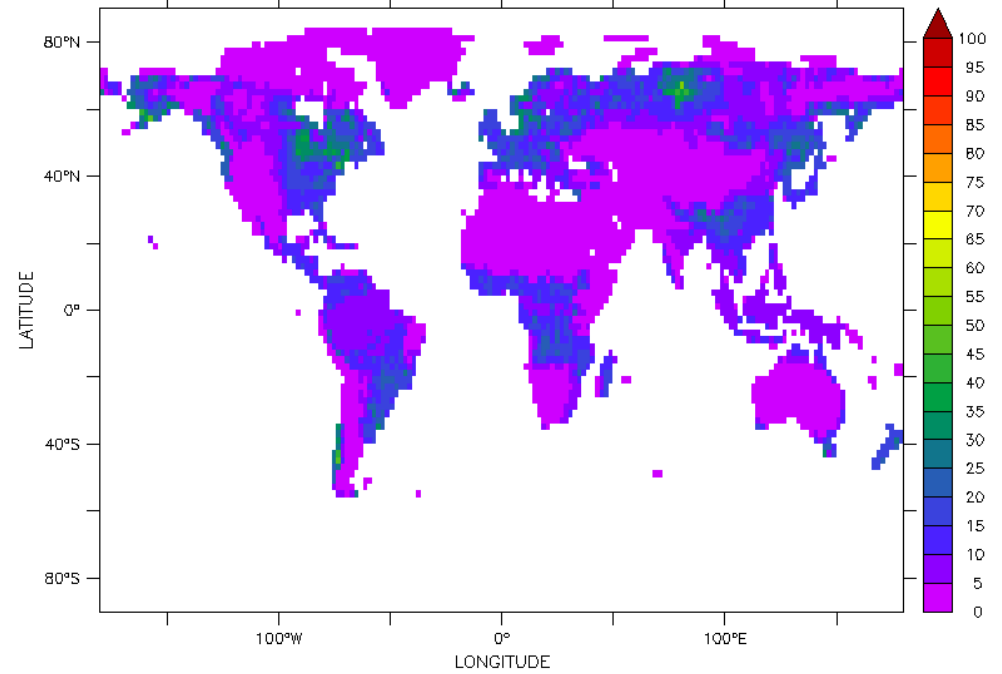
# SOME EXAMPLES



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HWSD, stock at 1m (kg C/m<sup>2</sup>)



ORCHIDEE, stock at 1m (kg C/m<sup>2</sup>)

# SOME EXAMPLES

