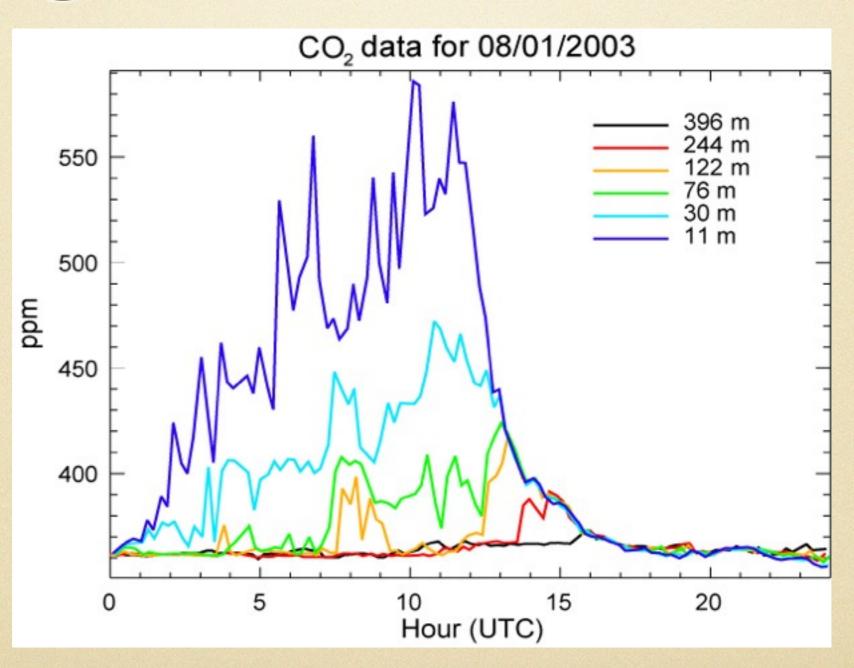
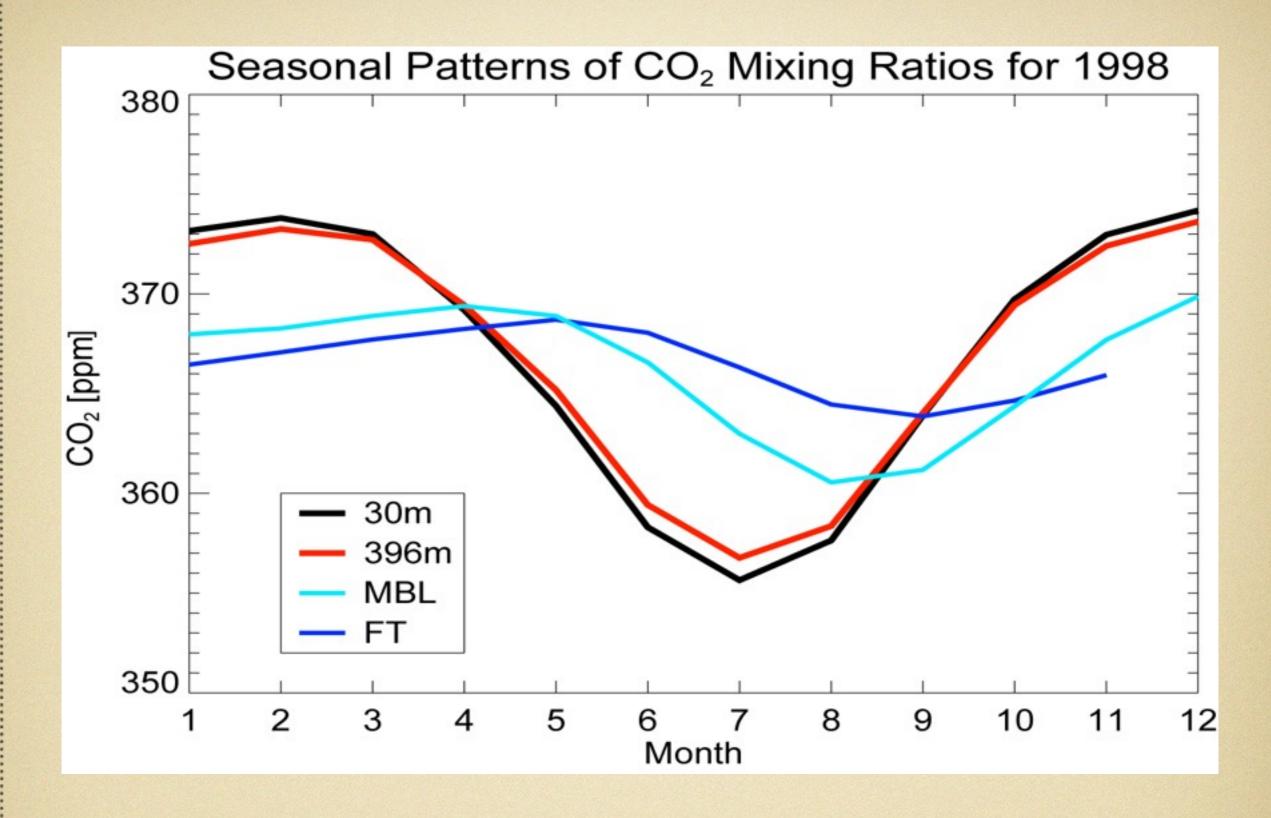
Sampling the surface concentration in large scale models

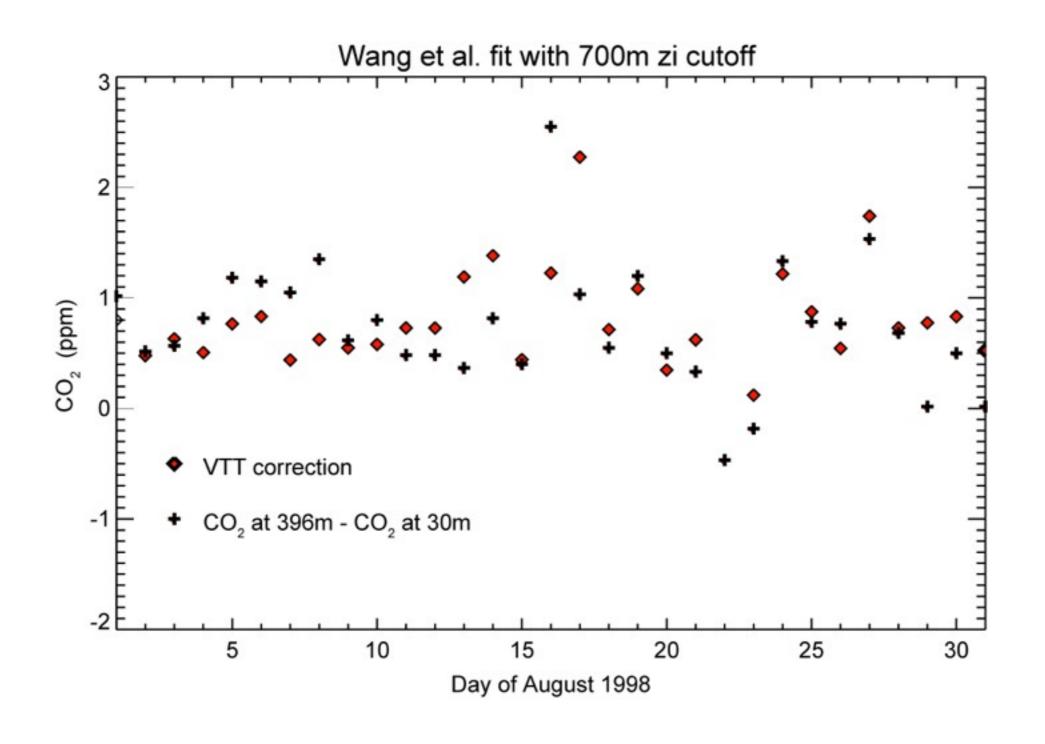
CO2 measurements good 'Test-case'



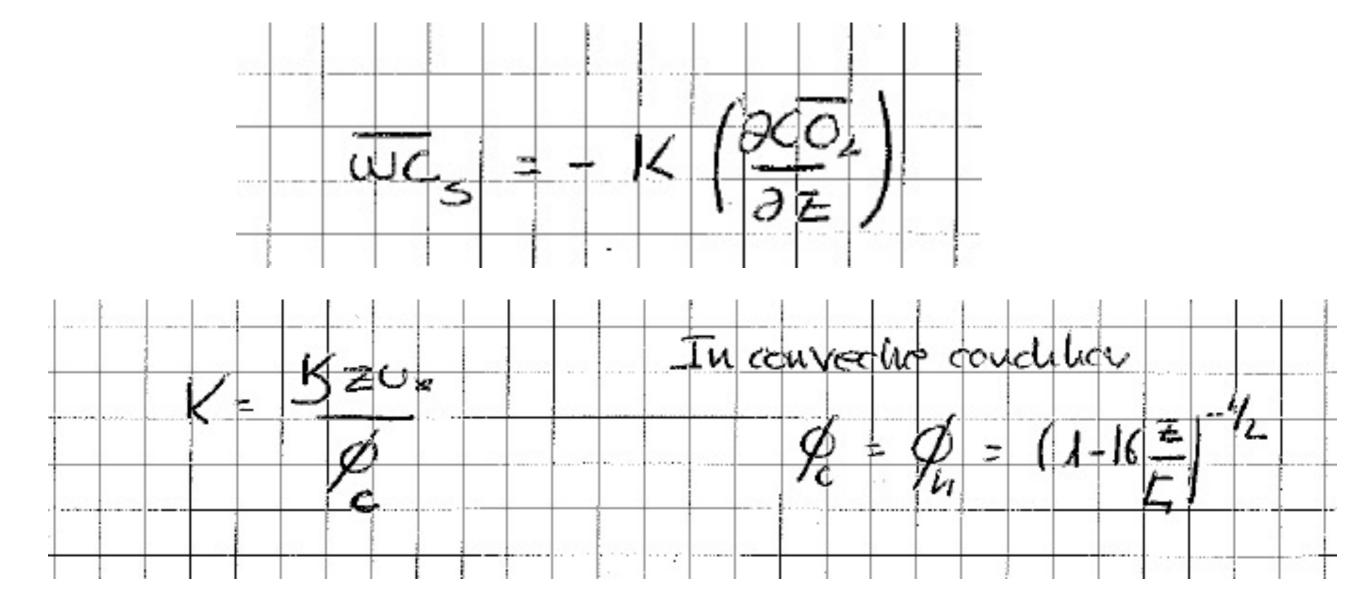


Butler: Virtual Tall Towers

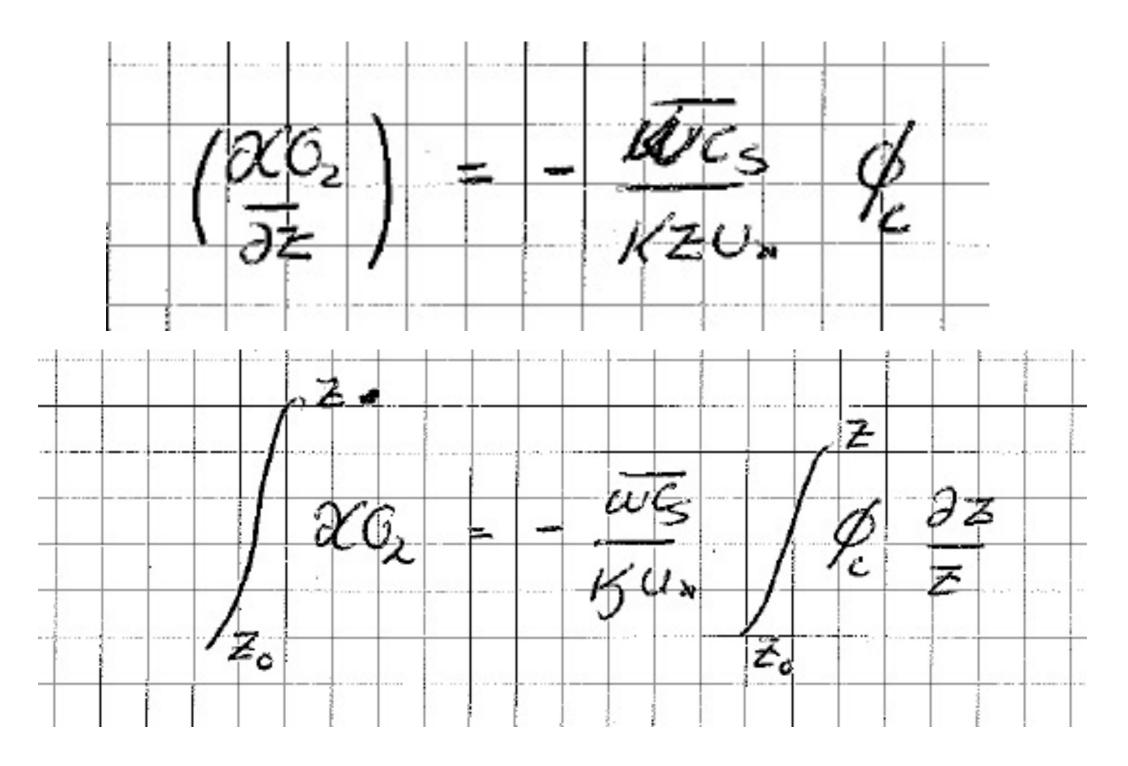
VTT results from Butler:



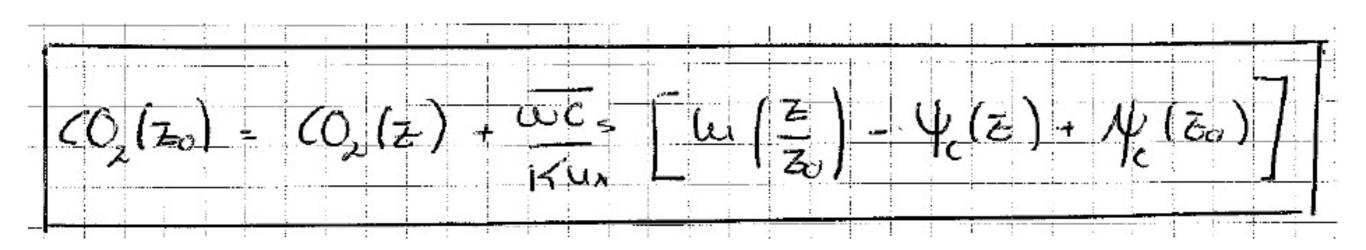
Wageningen Input (Jordi Vila)



Continued....



Result:



Discussion

- Propose to use 'reverse-VTT' approach to translate modeled 400m level to 30m for CBL
- In that case, less numerical and sampling issues are expected (Wouter)
- Formulas are available based on flux-gradient relationships in the CBL
- We will implement and test these in TM5