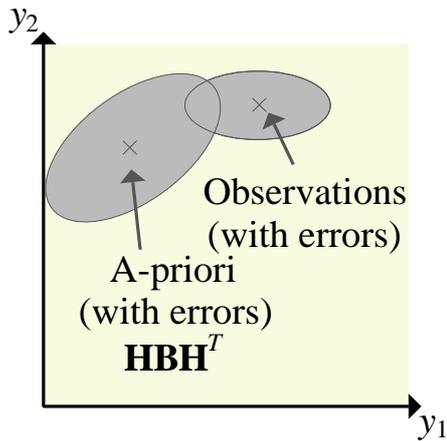


In data assimilation we must:

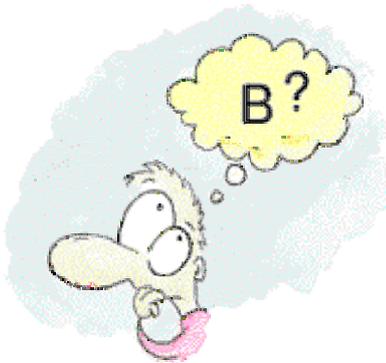
- represent realistically the error statistics of all information, and
- predict observations accurately by means of "observation operators".

ERROR COVARIANCE MODELLING

(ROSS BANNISTER ET AL)



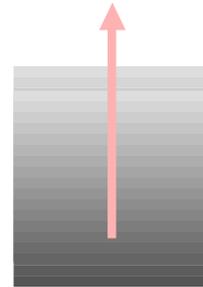
- Ideas of balance
- Wavelets



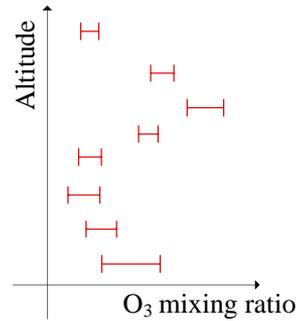
ASSIMILATION OF SATELLITE DATA

(STEFANO MIGLIORINI ET AL)

1. Assimilate radiances



2. Assimilate retrievals



3. Use a special method that allows assimilation of retrieval-like quantities, but with fewer problems.

