Response to the Editors comments

**EC** (Page 2 eq. 3): *Show these terms with a larger font*

**AC**: The terms are now enlarged.

**EC** (Page 2 below eq. 3): *name/definition of the bias terms (humidity, temperature, pressure) required here*

**AC**: The sentence was changed to: "For CO$_2$, the bias terms due to the water vapour, temperature and pressure fluctuations in the sample volume (F$_q$, F$_T$ and F$_P$, respectively) ... ”

**EC** (Page 3): *computed, using a, increased, to a*

**AC**: The spelling corrections have been made.

**EC** (Page 5 below eq. 5): *should this be ”a subscript n” rather than ”a subscript j”?*

**AC**: Changed to ”a subscript”. Thanks!

**EC** (Page 5): *... and produce a new correction term via via ...*

**AC**: The second ”via” was removed

**EC** (Page 6 below the heading Discussion): *Why the large space here?*

**AC**: LaTeX aligned the text block at the bottom. Inserting a /newpage command at the end of the discussion block changes the alignment to top. But this should be checked during the type setting process.

**EC** (Page 6): "*The magnitude and scatter of the bias in the CO$_2$ flux results from the un-dried CP systems increased with the latent heat flux.*” - This sentence doesn’t appear correct. Should it say "*AND increaseS with the latent heat flux”?

**AC**: The sentence was changed to avoid the ambiguity and a reference to figure 5 was inserted: "The magnitude of the scatter in the CO$_2$ fluxes from the un-dried CP systems increases with the latent heat flux (Fig. 5).”

**EC** (Page 9, tab. 1): *... that are relevant for addressing ...*

**AC**: Changed to ”addressing”
EC (Page 9, tab. 1): "tests show" or "test shows"

AC : Changed to: "tests show"

EC (Page 9, tab. 1): "first air–sea EC CO₂ fluxes consistent with bulk formulae"

AC : Changed to formula

EC (Page 11 Fig. 7): "...A linear regression to the data is shown as a solid black line..."

AC : The "a" was inserted.

EC ():

AC :