















 $\label{eq:resentations of the functions } F_{S} \mbox{ and } F_{L} \\ \mbox{The functions } F_{S} \mbox{ and } F_{L} \mbox{ can be parameterized as} \\ \hline F_{S} = \rho \, C_{S} \, |V| \left(T_{g} - T_{a} \right) \\ F_{L} = \rho \, C_{E} \, |V| \left(q_{g} - q_{a} \right) \\ \hline V = \mbox{wind speed near the surface} \\ T_{a} \mbox{ and } q_{a} = \mbox{temperature and specific humidity of the air near the surface} \\ T_{g} \mbox{ and } q_{g} \mbox{ are the sea surface temperature (SST) and} \\ \mbox{ saturation specific humidity at the SST} \\ C_{S}, C_{E} \mbox{ are empirical coefficients (these depends on wind speed)} \\ C_{S} \mbox{ is called the heat transfer coefficient} \\ C_{E} \mbox{ is called the moisture transfer coefficient} \\ \hline \end{array}$











