

$$dC_P = \mu_0 E dt$$

$$dC_1 = (\mu_1 E - \frac{1}{\tau_1} C_1) dt$$

$$dC_2 = (\mu_2 E - \frac{1}{\tau_2} C_2) dt + \sigma_{C2} dW_t$$

$$dC_3 = (\mu_3 E - \frac{1}{\tau_3} C_3) dt$$

$$C = C_P + \sum_{i=1}^3 C_i$$

$$\Delta F = A \alpha \ln(C/C_0)$$

$$d\Delta T_0 = (b_0 \Delta F - \frac{1}{\tau_{b0}} \Delta T_0) dt + \sigma_{T0} dW_t$$

$$d\Delta T_1 = (b_1 \Delta F - \frac{1}{\tau_{b1}} \Delta T_1) dt$$

$$d\Delta T_2 = (b_2 \Delta F - \frac{1}{\tau_{b2}} \Delta T_2) dt + \sigma_{T2} \Delta T_2 dW_t$$

$$\Delta T = \sum_{i=0}^2 \Delta T_i$$