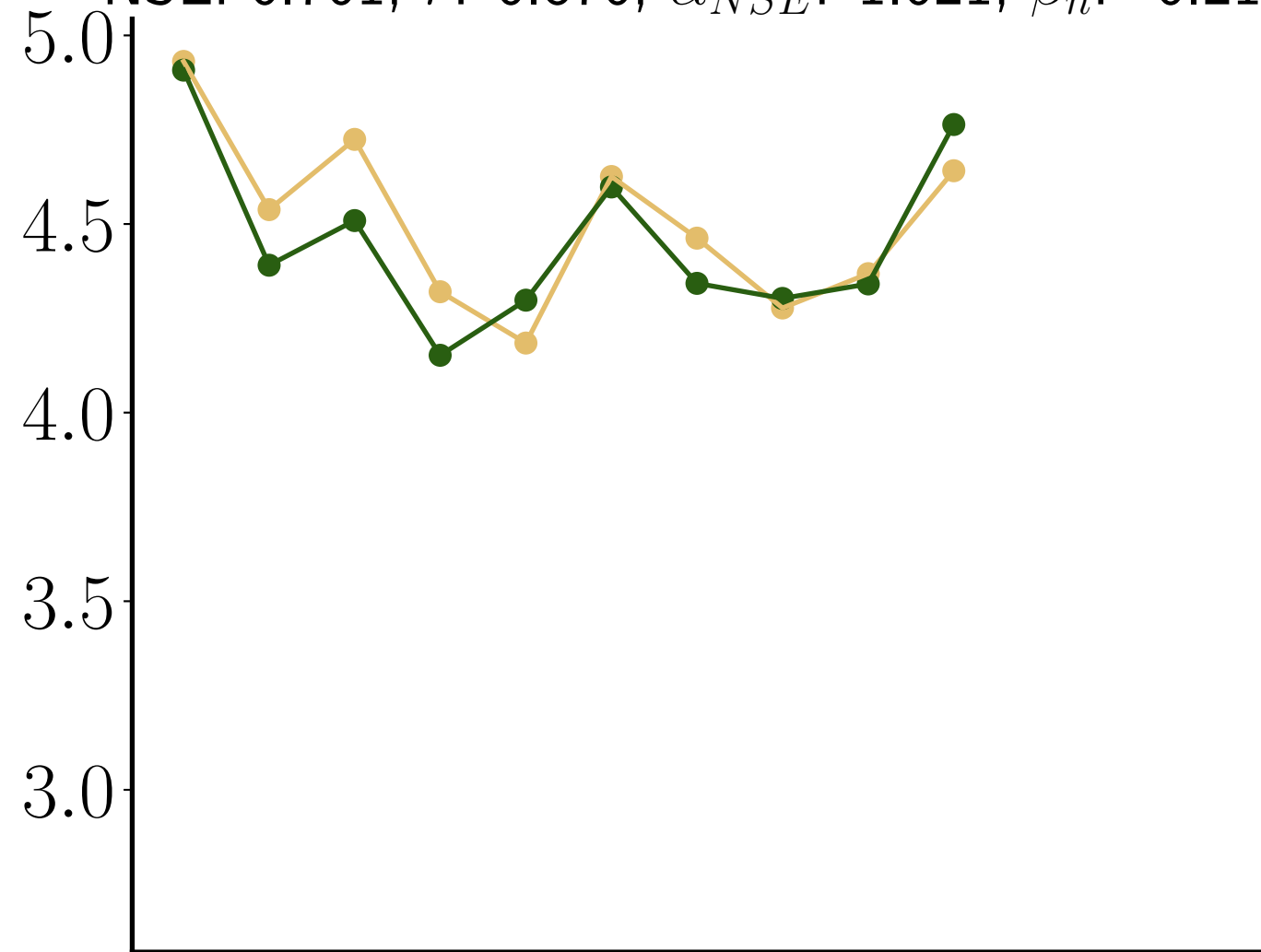


# Hainich (Site ID: DE-Hai PFT: DBF KG: Cfb)

Annual average GPP  
[ $\mu\text{mol CO}_2 \cdot \text{m}^{-2} \cdot \text{s}^{-1}$ ]

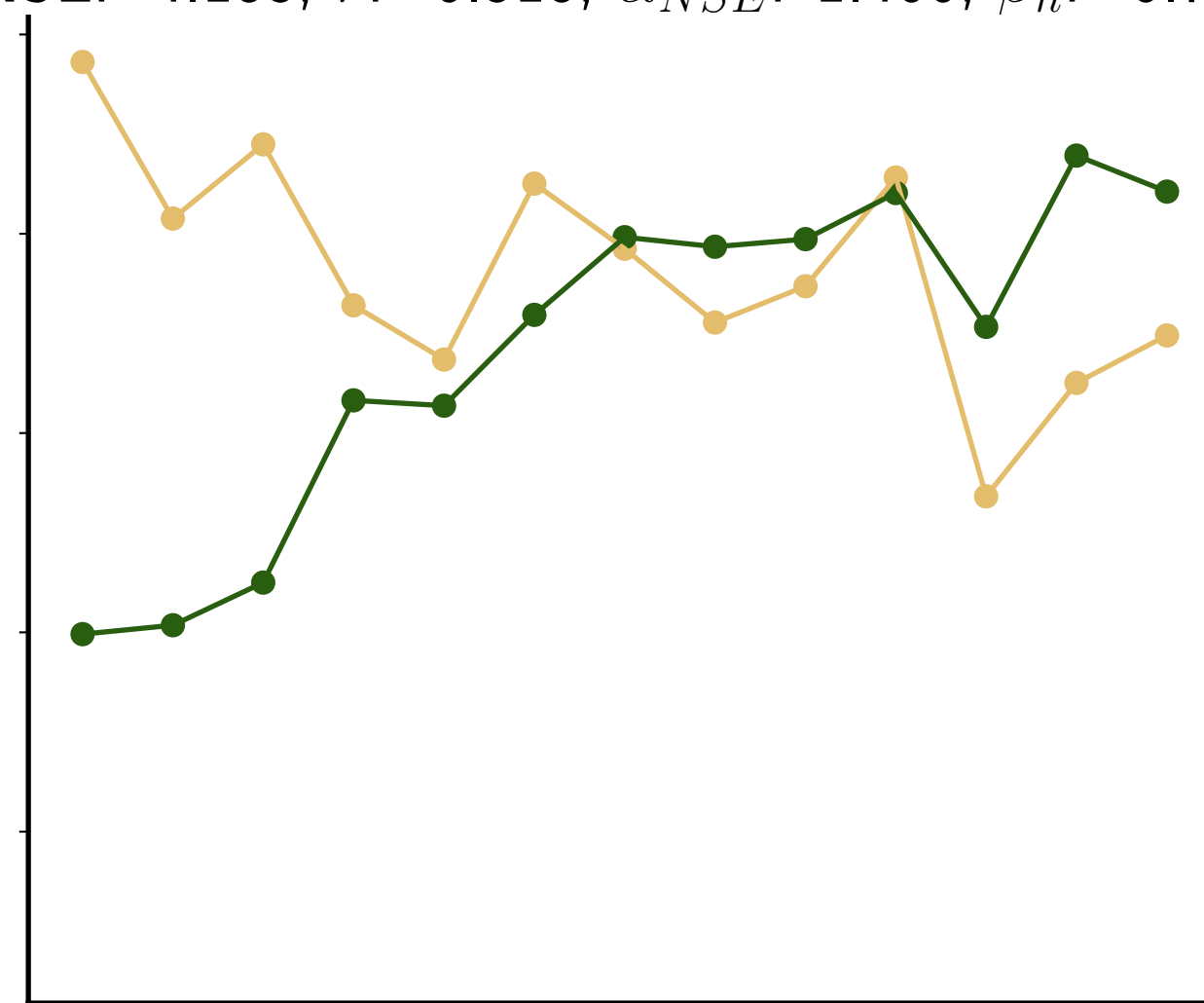
(a) Per site-year parameterization

NSE: 0.701,  $r$ : 0.876,  $\alpha_{NSE}$ : 1.021,  $\beta_n$ : -0.215



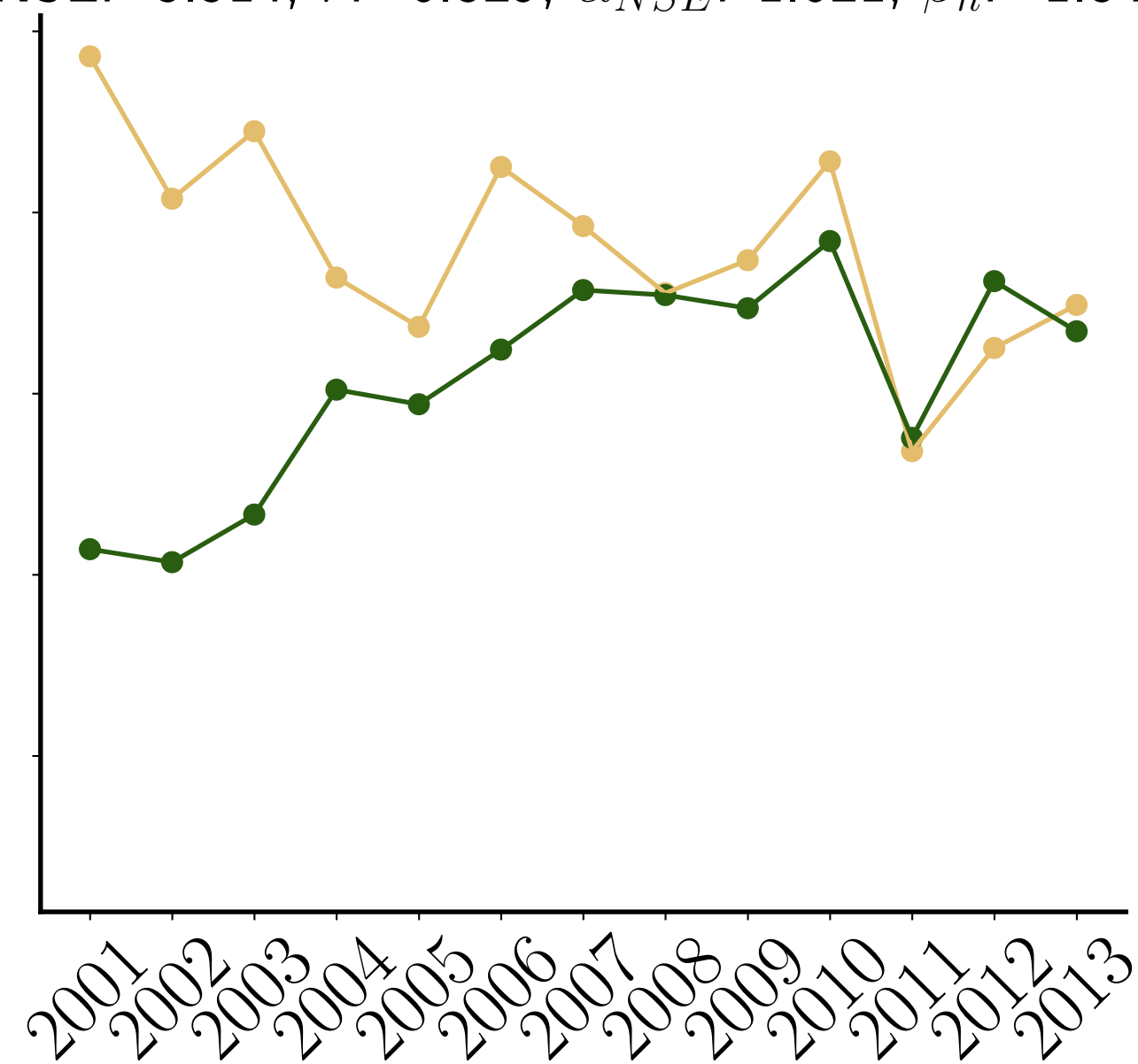
(b) Per site parameterization using  $\text{Cost}^{\text{IAV}}$

NSE: -4.183,  $r$ : -0.518,  $\alpha_{NSE}$ : 1.466,  $\beta_n$ : -0.717



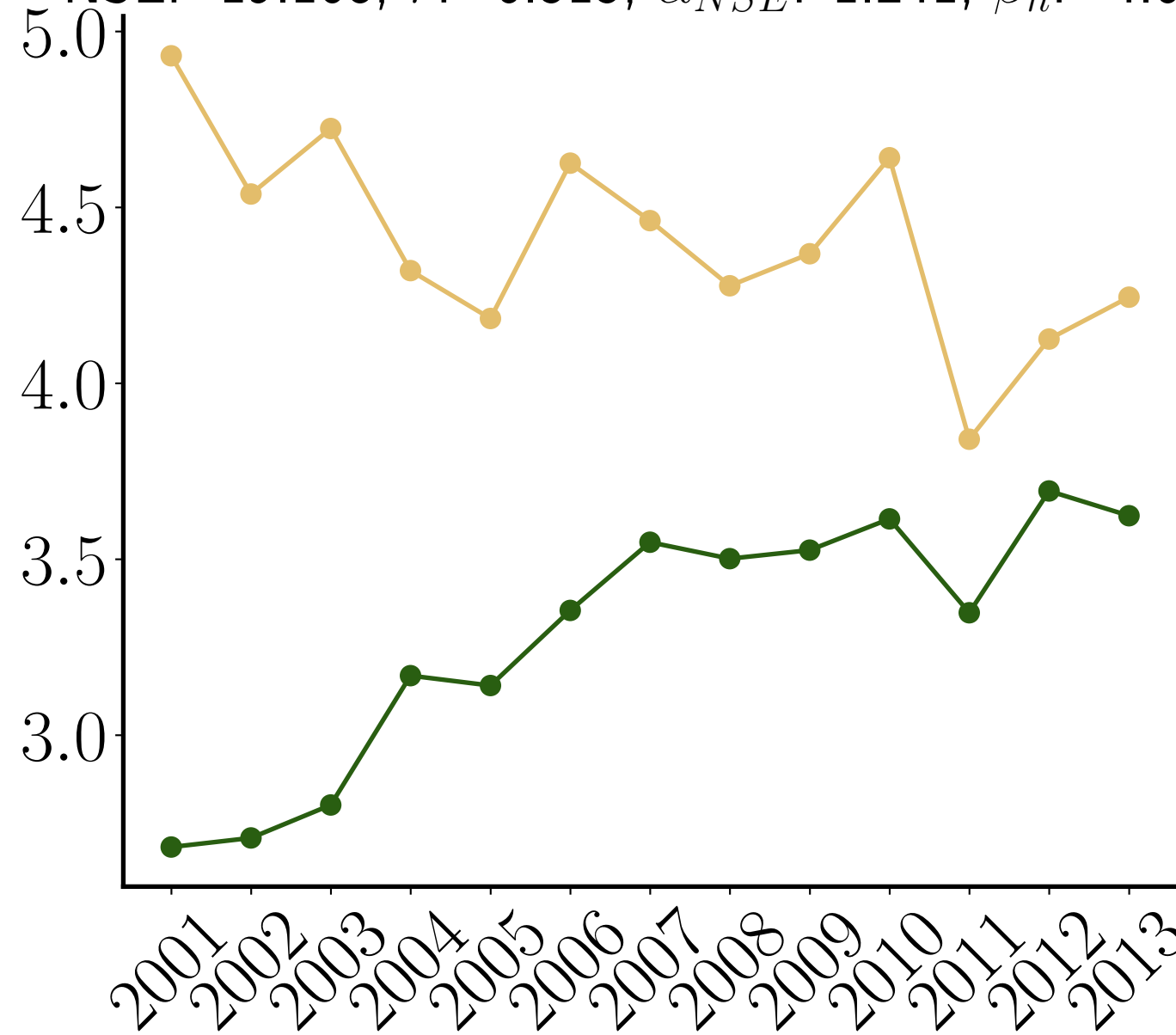
(c) Per site parameterization

NSE: -3.514,  $r$ : -0.329,  $\alpha_{NSE}$ : 1.021,  $\beta_n$ : -1.342



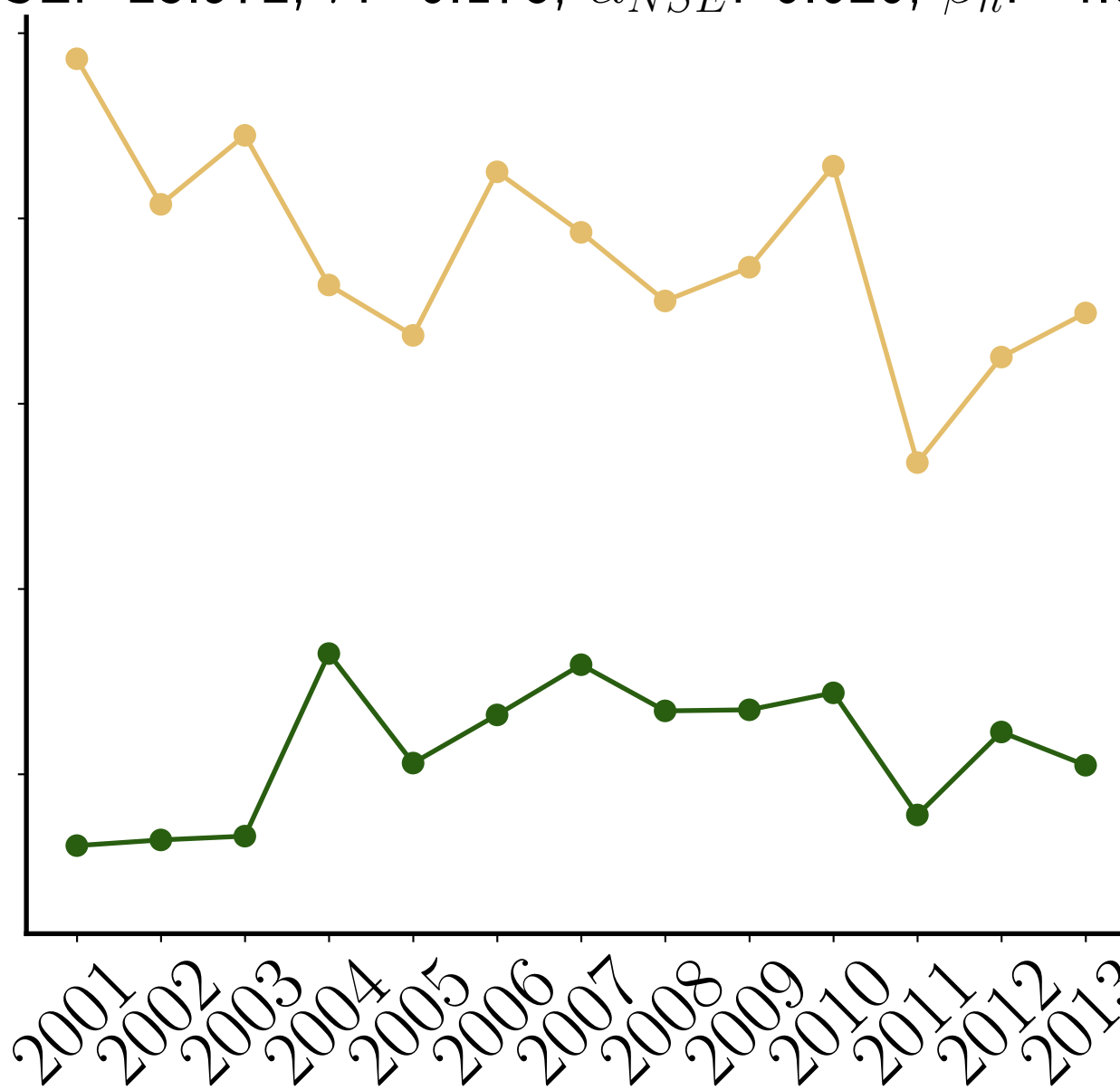
(d) Per PFT parameterization

NSE: -19.168,  $r$ : -0.515,  $\alpha_{NSE}$ : 1.241,  $\beta_n$ : -4.043



(e) Global parameterization

NSE: -23.972,  $r$ : -0.178,  $\alpha_{NSE}$ : 0.626,  $\beta_n$ : -4.833



$GPP_{EC}$   
 $GPP_{sim}$

Years