

**1. Extract short-term data from 90 d period:**  
Measurement data  $u_{\text{meas}}$ , reanalysis data  $u_{\text{rea}}$

**2. Correlation:**  
Calculate regression parameters according to  
Eqs. (2), (3), (7) using  $u_{\text{meas}}$  and  $u_{\text{rea}}$

**3. MCP prediction:**  
Correct the reanalysis data  $U_{\text{rea}}$  in entire one-year period  
using the regression parameters derived in 2.  
Output: corrected wind speed time series  $U_{\text{corr}}$

**4. Error calculation:**  
Compute error scores according to Sect. 3.3 by comparing  
 $U_{\text{corr}}$  with the original one-year measurement time series  
 $U_{\text{meas}}$  (benchmark). Afterwards, average over all sites.

**Repeat 1.-4.** with different  
short-term period  
("sliding window")