

SUPPLEMENTARY MATERIAL

Figure S1 presents the bilinear surface d acquired from the solution of equation (10), along x and y axes, by applying the obtained parameters for the real world application. The available measurements are indicated with stars.

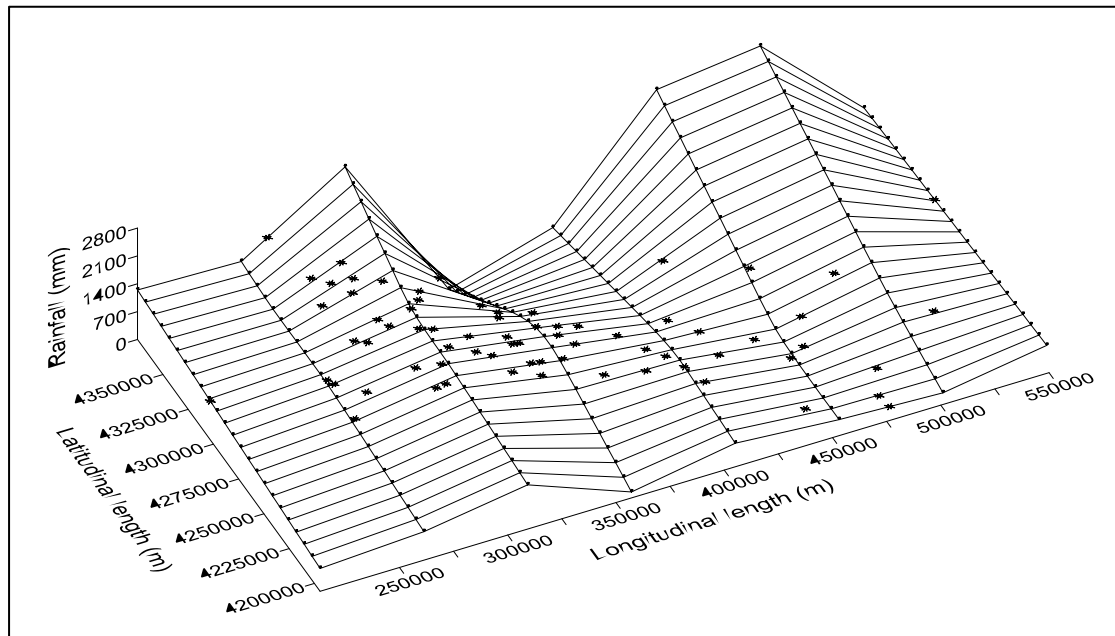


Fig. S1 Bilinear surface d fitted to the 71 data points - meteorological stations (stars) (minimum GCV: $m_x = 7$, $m_y = 23$) for the BSS real world example

Figure S2 presents the bilinear surfaces d and e acquired from the solution of equation (11), along x and y axes, by applying the obtained parameters for the real world application. The open circles represent the values of vectors d and e .

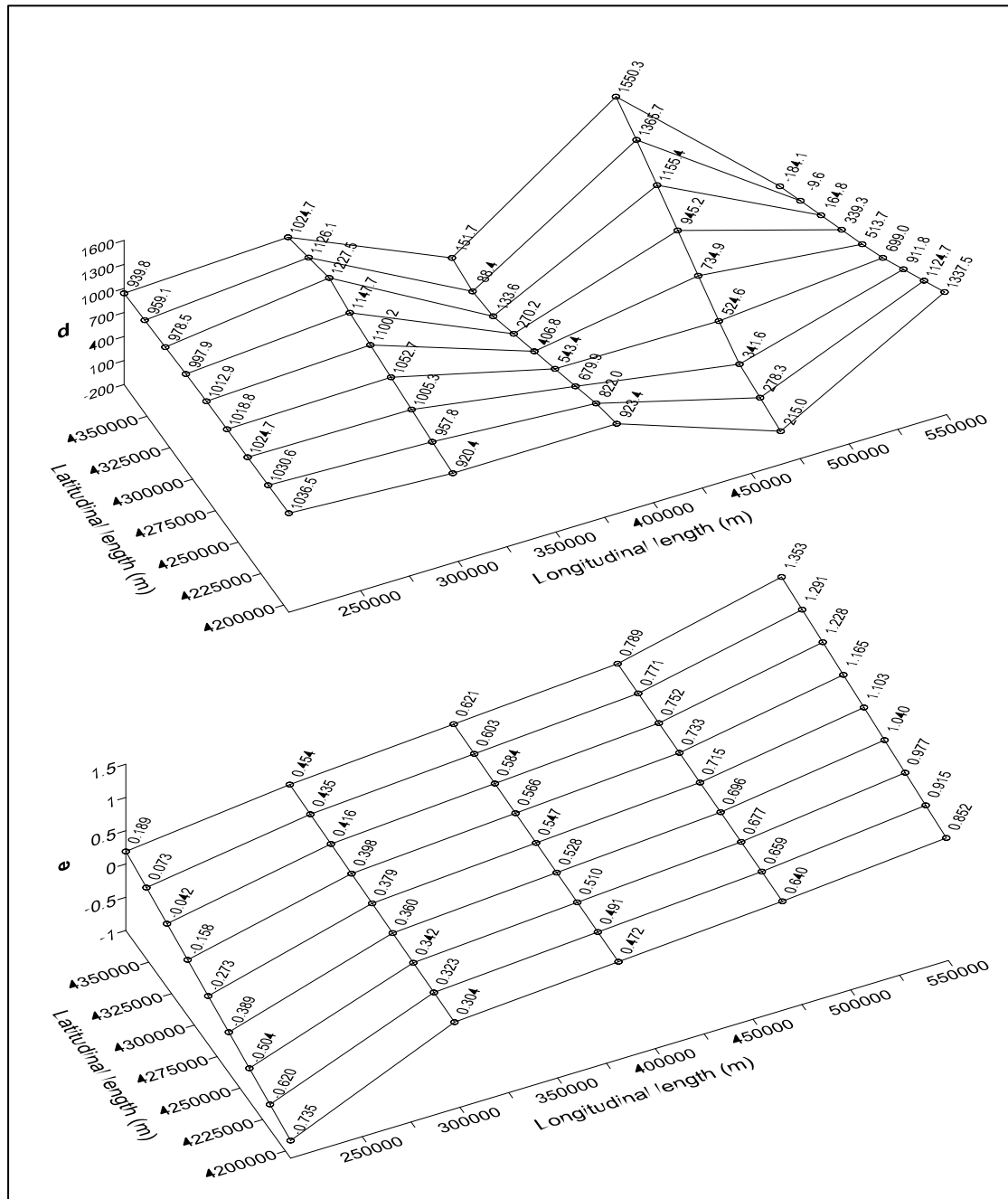


Fig. S2 Acquired bilinear surfaces d and e , so that $z = d + t e$ fits to the 71 data points corresponding to meteorological stations (minimum GCV: $m_x = 4$, $m_y = 8$) for the BSSE real world example