

Earth and Space Science

Supporting Information for

Impact of roughness length on WRF simulated Land-Atmosphere interactions over a hyper-arid region

Narendra Reddy Nelli¹, Marouane Temimi^{1*}, Ricardo Morais Fonseca¹, Michael John Weston¹, Mohana Satyanarayana Thota^{1,2}, Vineeth Krishnan Valappil¹, Oliver Branch³, Volker Wulfmeyer³, Youssef Wehbe^{1,4}, Taha Al Hosary⁴, Abdeltawab Shalaby⁴, Noor Al Shamsi⁴, Hajer Al Naqbi⁴

¹Khalifa University of Science and Technology, P.O. Box 54224, Abu Dhabi, United Arab Emirates

²National Center for Medium Range Weather Forecasting, Noida-201309, India

³Institute of Physics and Meteorology, University of Hohenheim, Germany

⁴National Center of Meteorology, Abu Dhabi, United Arab Emirates

*Correspondence: marouane.temimi@ku.ac.ae, Tel.: +971 2 810 9116

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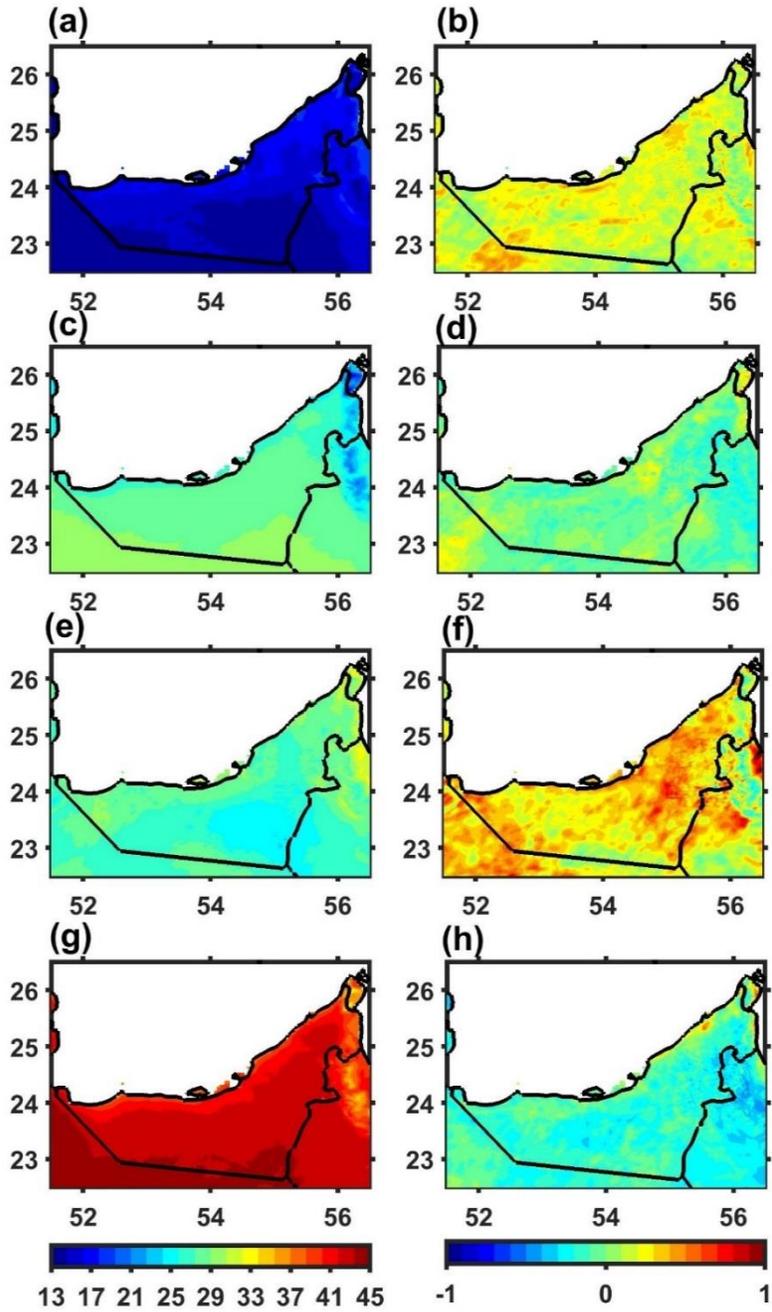


Figure S1. 2-meter air temperature ($^{\circ}\text{C}$) for the (a) WRF control configuration, and (b) 2-meter air temperature difference between modified and control runs for February 2018 at 03 UTC or 07 LT. (c)-(d) are as (a)-(b) but at 10 UTC or 14 LT. (e)-(h) are as (a)-(d) but for June 2018. The results shown here are for the 4 km and 1.333 km grids.

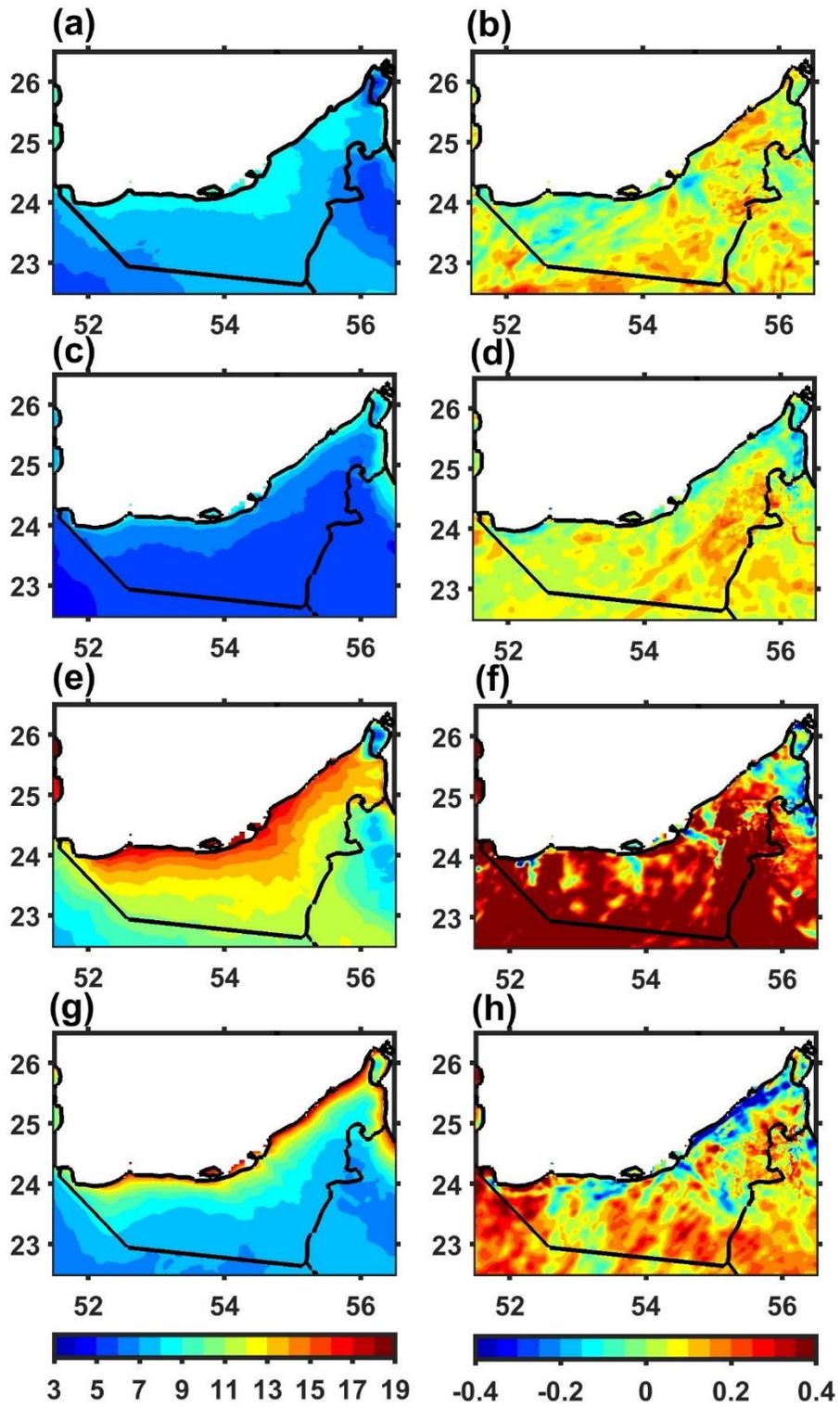


Figure S2. As *Figure S1* but for the water vapour mixing ratio (g kg^{-1}).