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Supplement of

Evaluation of dust emission and land surface schemes in predicting a mega Asian dust storm over South Korea using WRF-Chem

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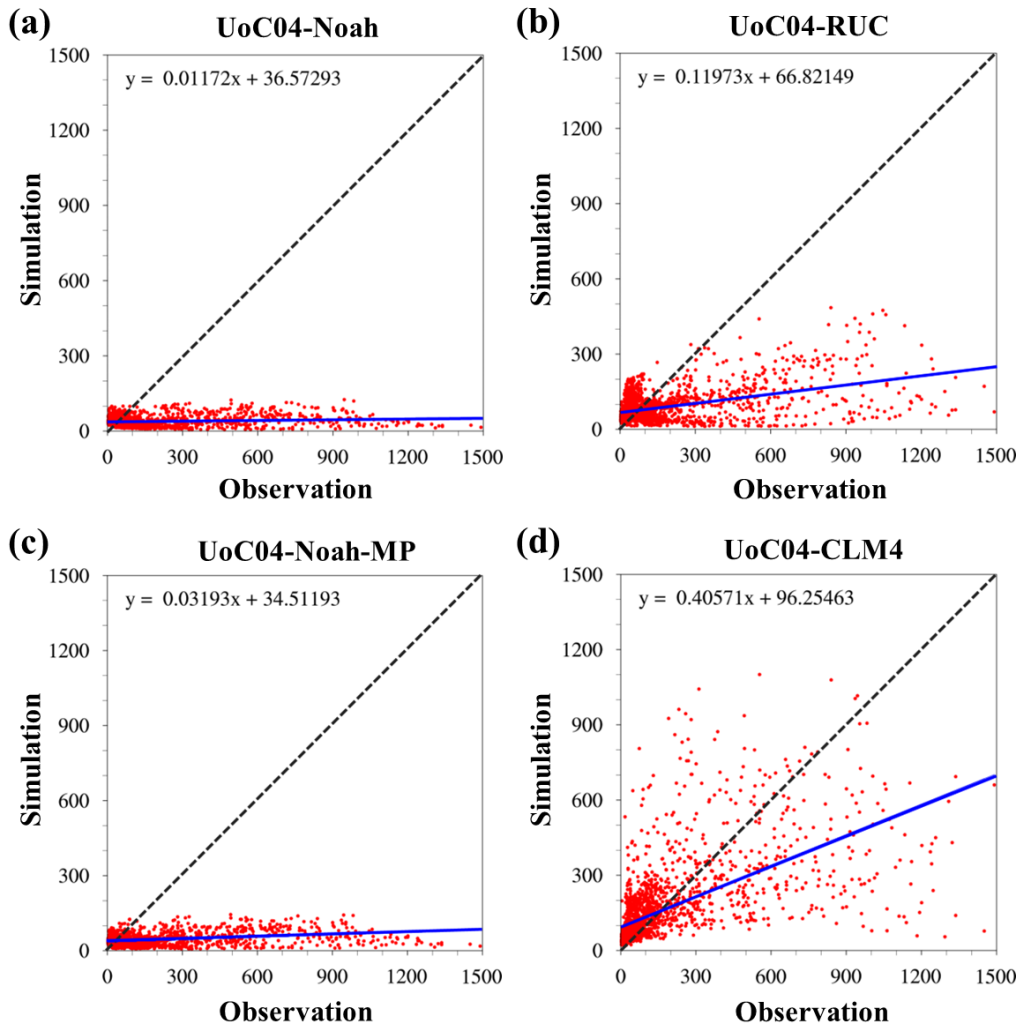
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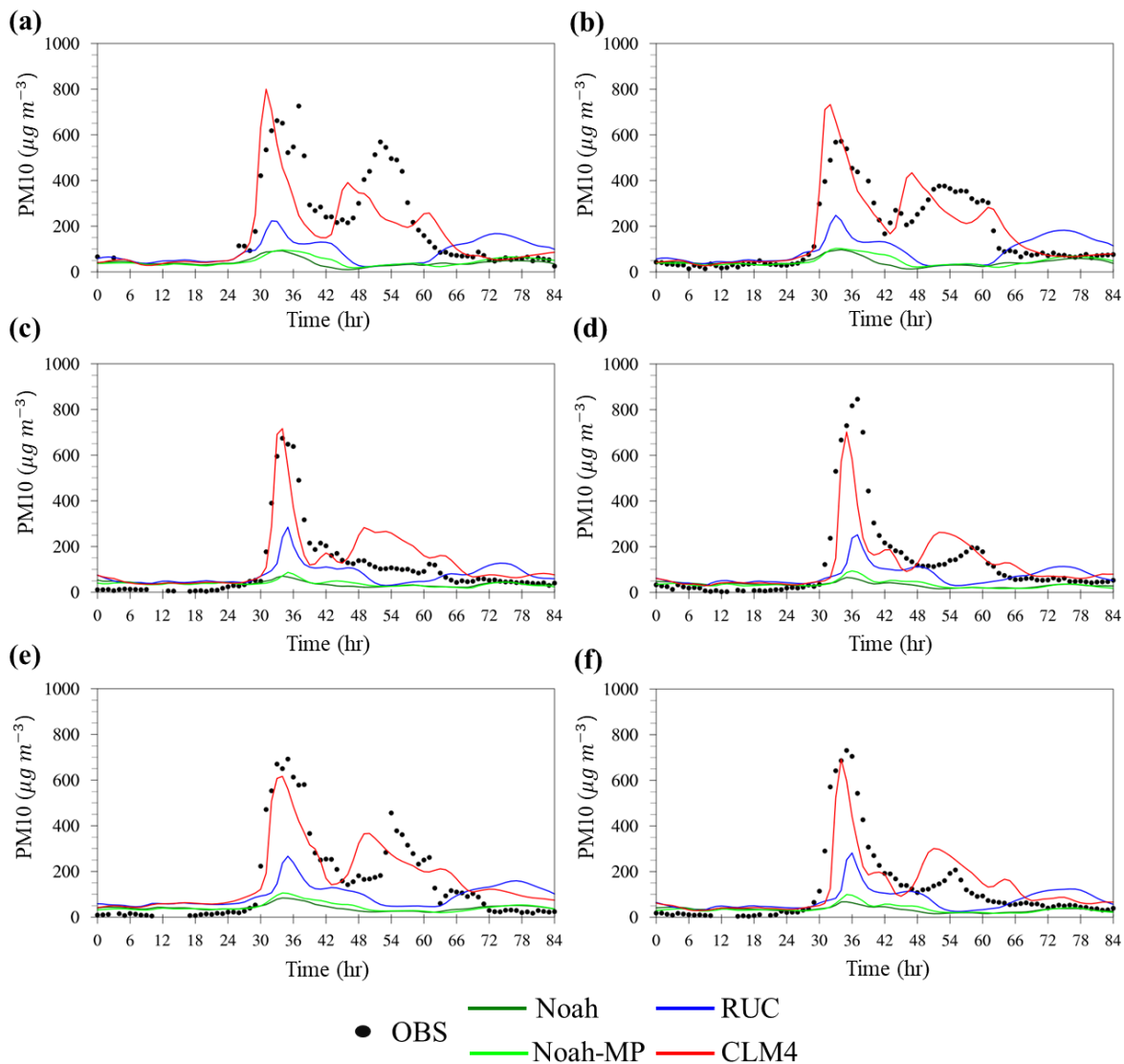
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Figure S12: Time series comparison of (a) DUST, (b) T2m, (c) RH2m, and (d) WS10m. The colored lines depict various scheme combinations, and the light orange shading indicates the period with the initial DUST increase: the green for UoC04-Noah, the blue for UoC04-RUC, the lime green for UoC04-Noah-MP, and the red for UoC04-CLM4.

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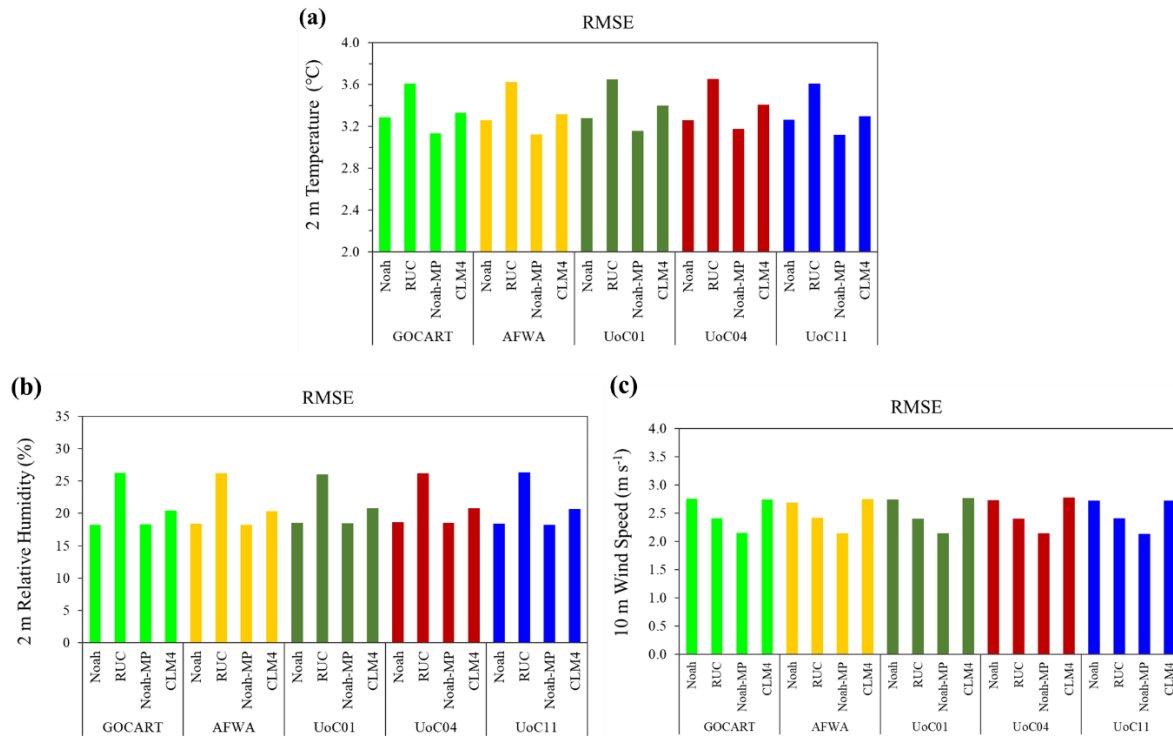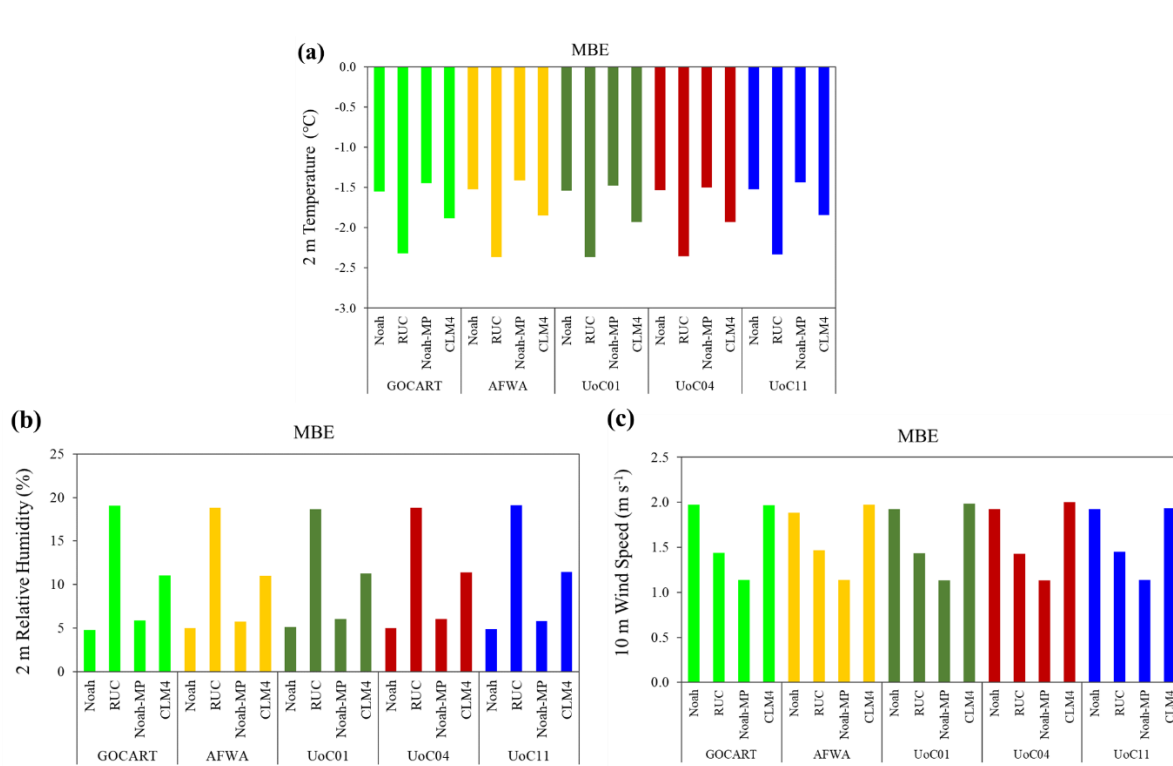
(a)

(b)

(c)

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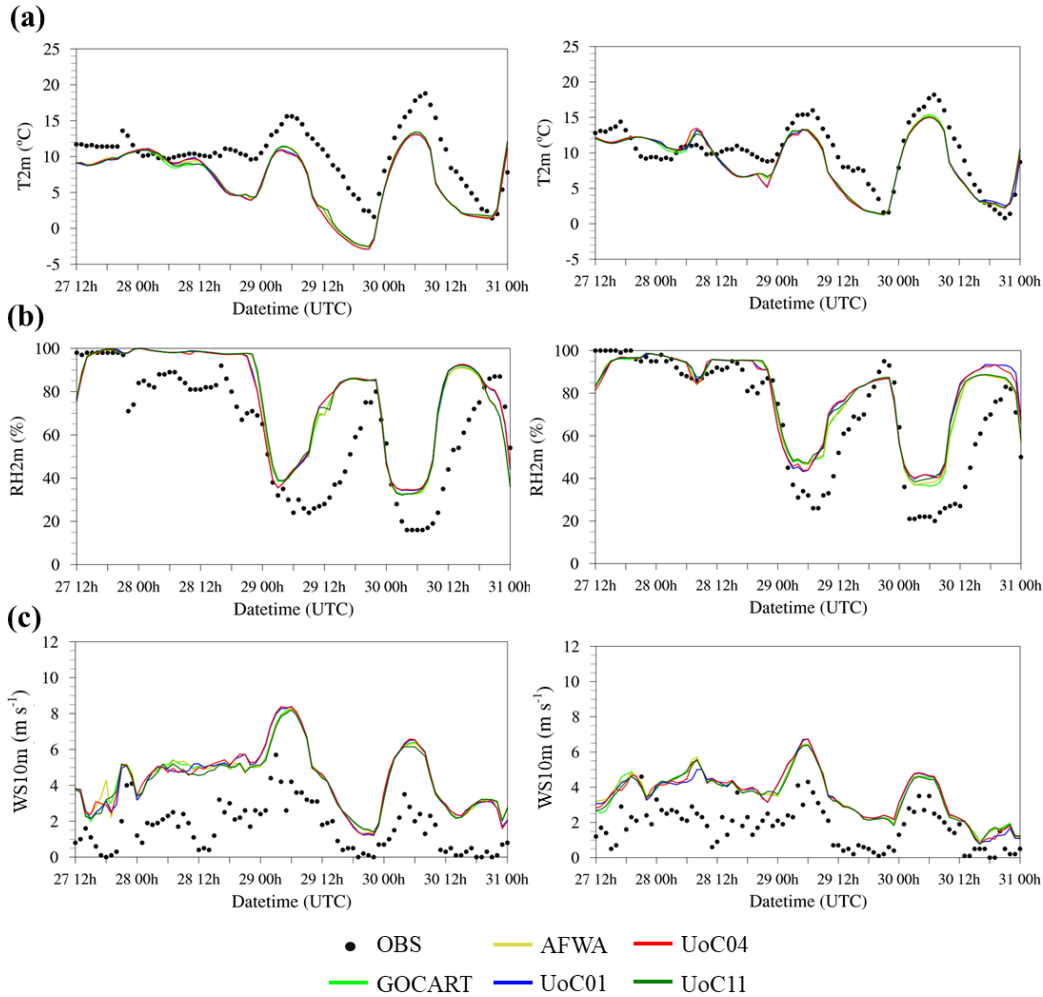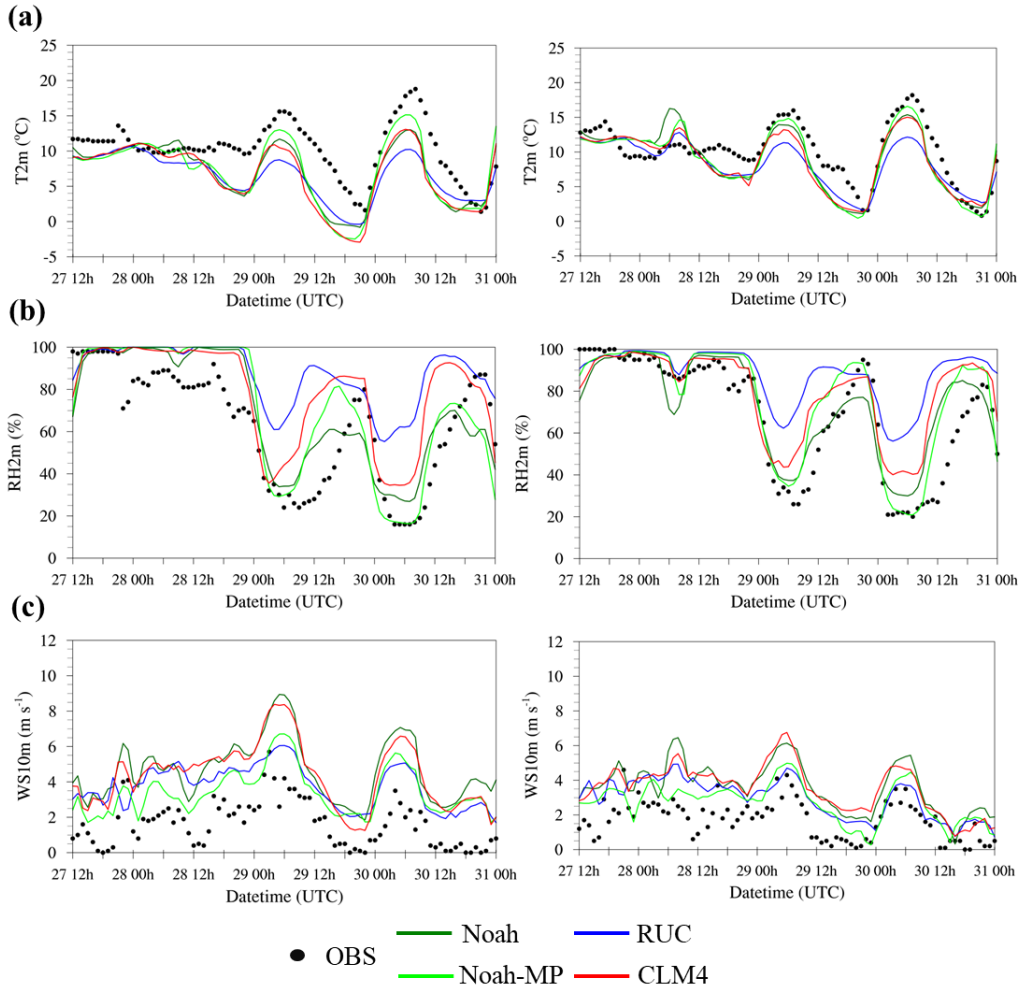
(a)

(b)

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(a)

(b)

(c)

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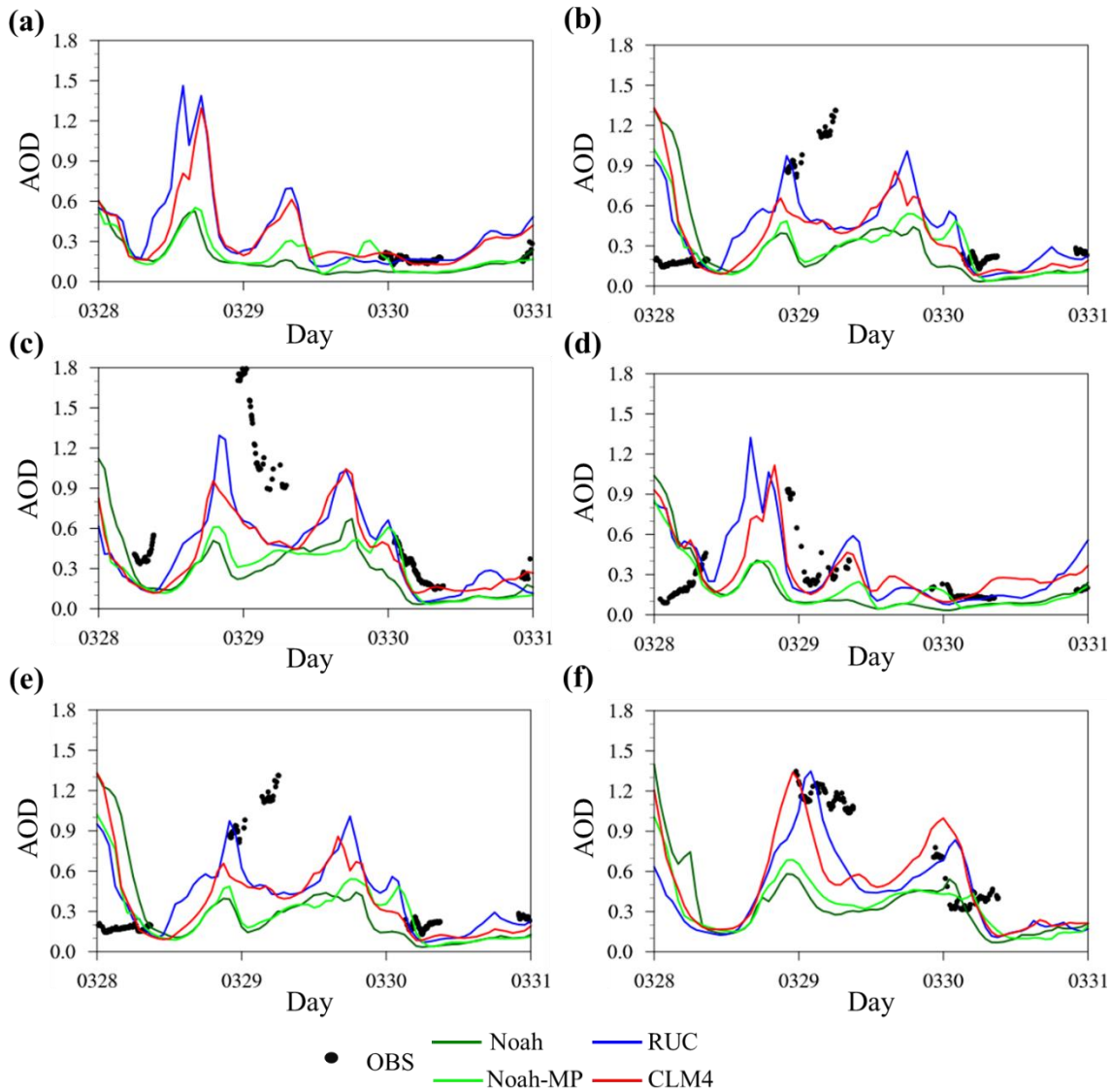
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(a) UoC04-Noah

y = 0.01172x + 36.57293

(b) UoC04-RUC

y = 0.11973x + 66.82149

(c) UoC04-Noah-MP

y = 0.03193x + 34.51193

(d) UoC04-CLM4

y = 0.40571x + 96.25463

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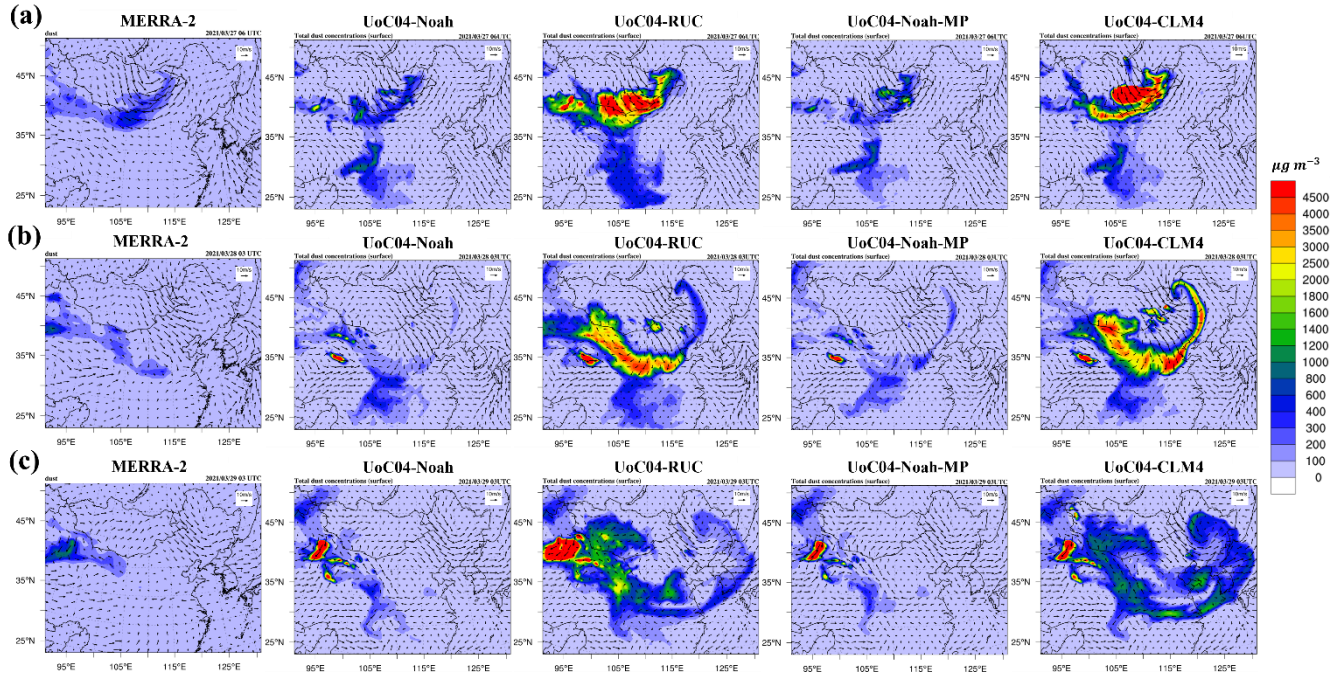
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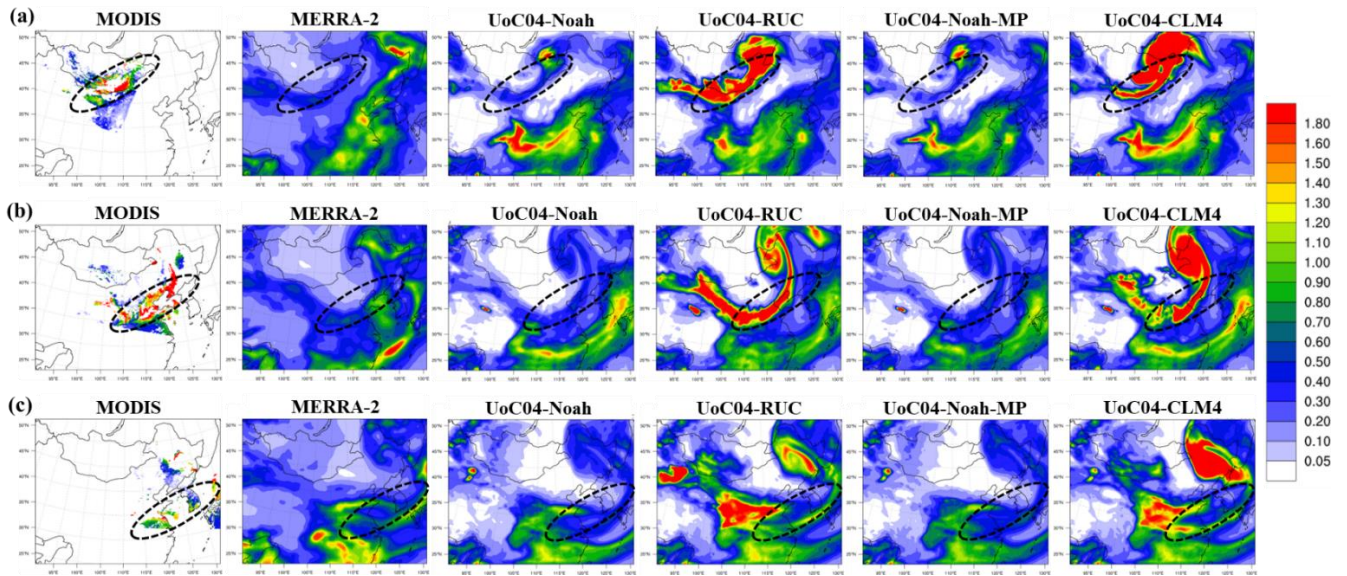
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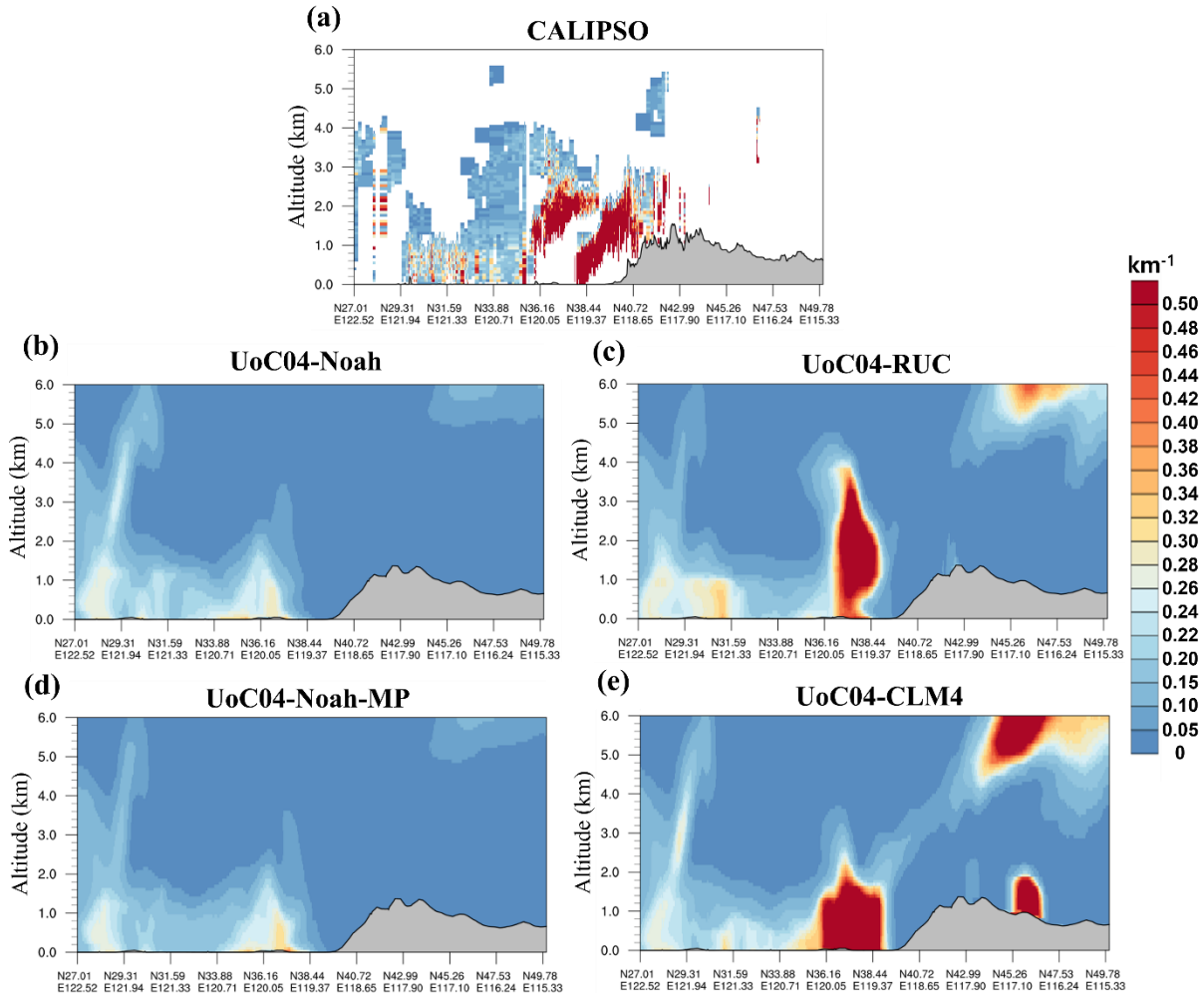
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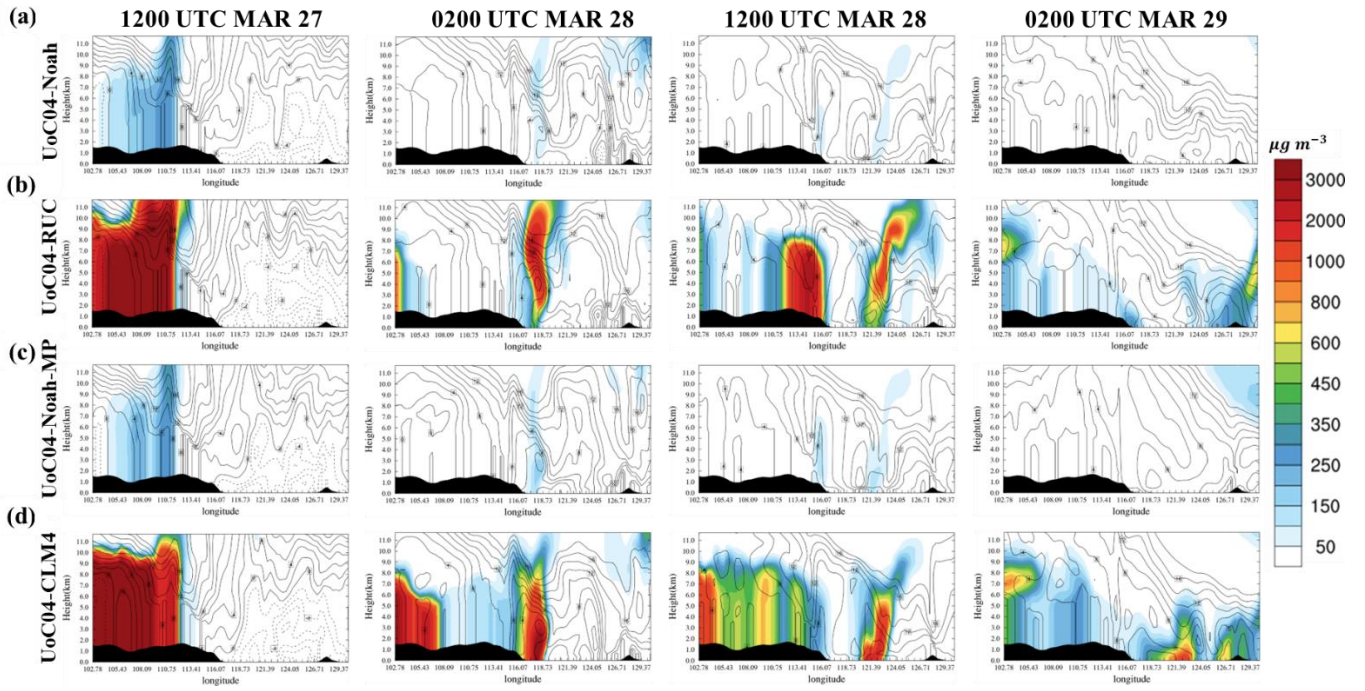
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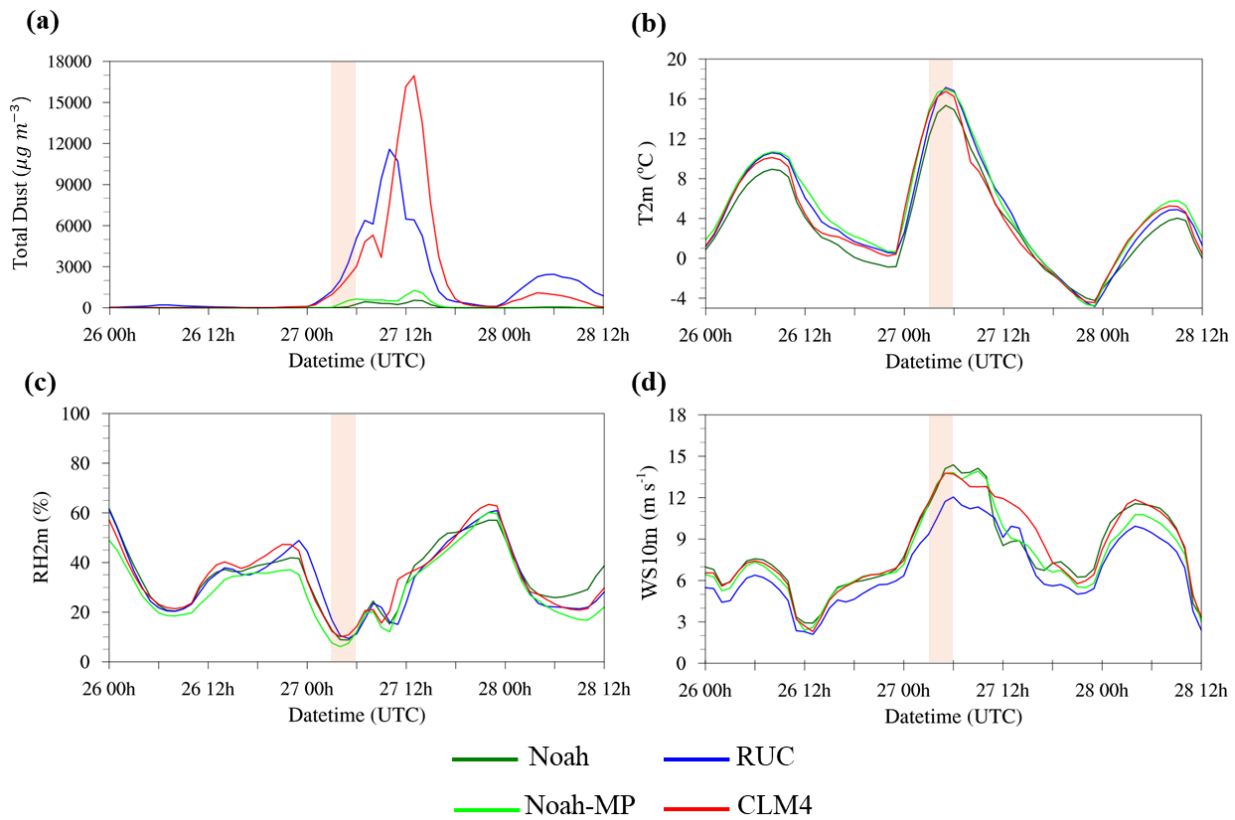
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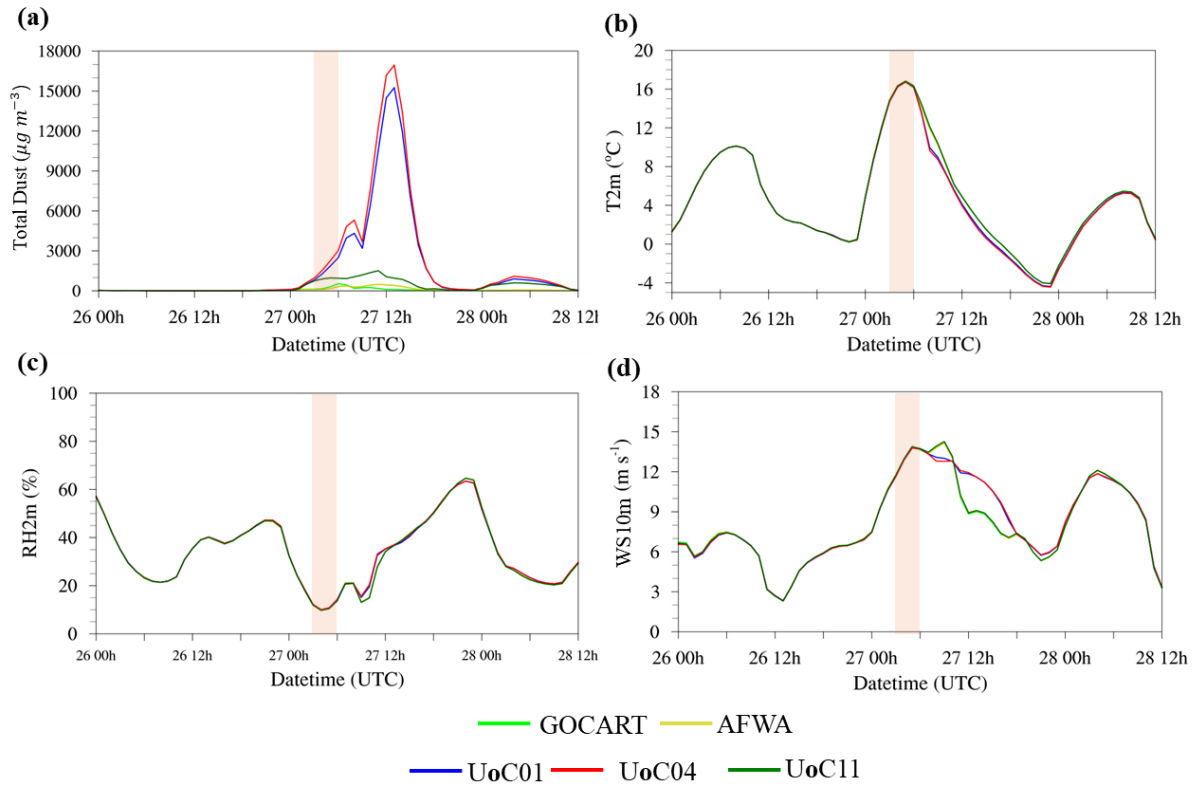
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