

Supporting Information for "The Asian Monsoons as a Unified System"

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1. Figures S1 to S4

Introduction This file presents figures that support the findings of the main text, but are not essential to understanding the results.

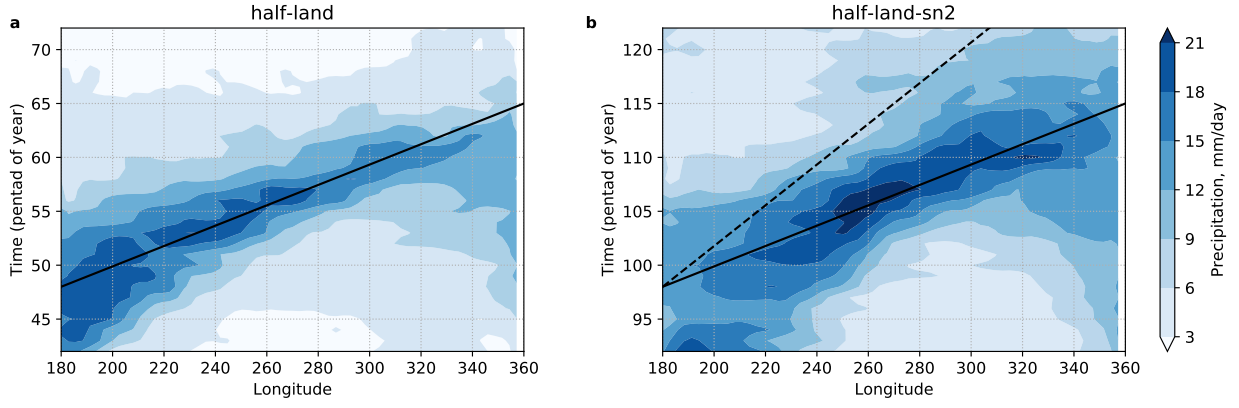


Figure S1. Hovmöller plots at 18.14°N , showing propagation of the monsoon wave in (a) *half-land* and (b) *half-land-sn2*. The solid lines have the same gradient in both plots, i.e. show the same rate of propagation, while the dashed line in (b) shows a propagation rate half that of the solid line.

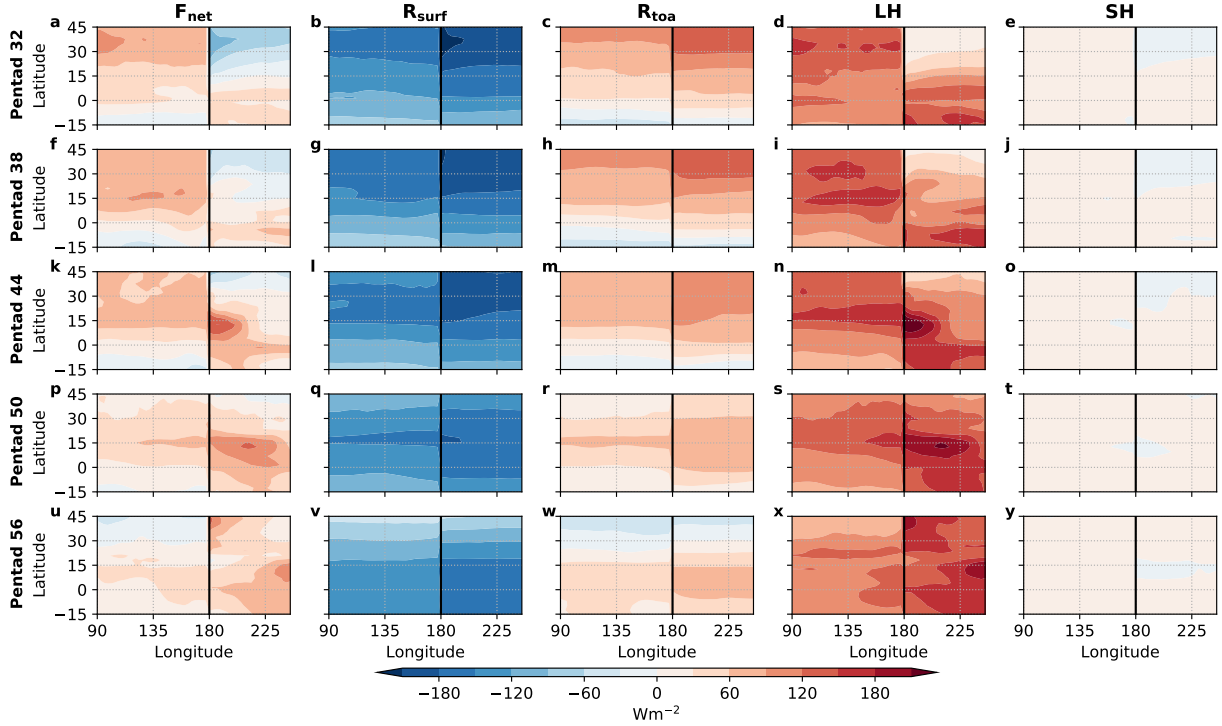


Figure S2. Breakdown of the terms making up F_{net} for the *half-land* simulation: from left to right: total net flux into the column, net radiative flux at the surface, net radiative flux at the top of atmosphere, latent heat flux, sensible heat flux. All terms are shown with sign positive for fluxes directed into the atmosphere.

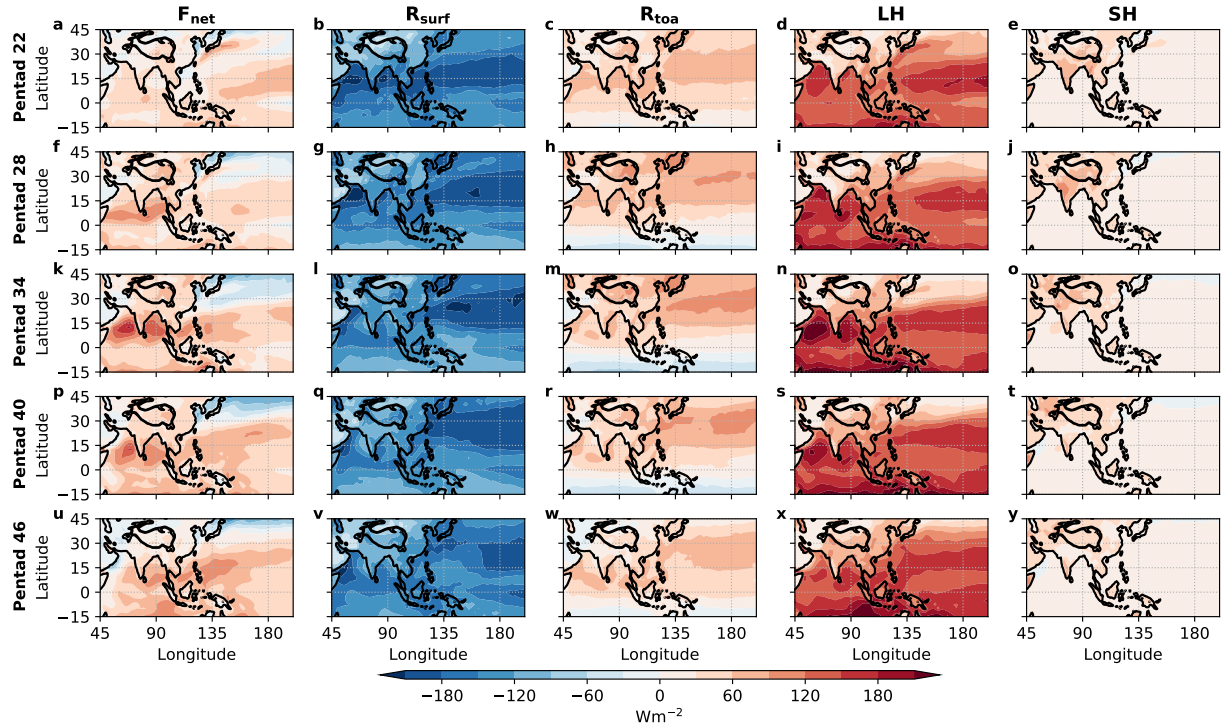


Figure S3. As Figure S2 but for the JRA-55 reanalysis dataset.

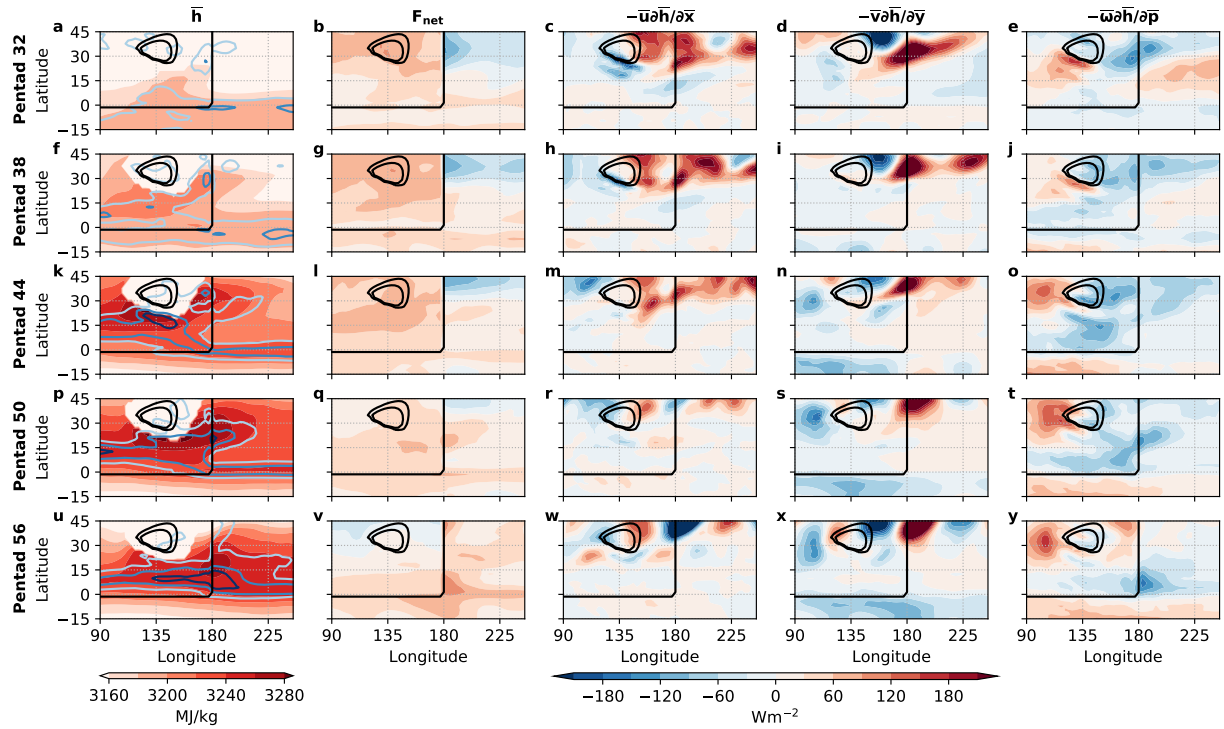


Figure S4. As Figs. 3 and 4 in the main text but for the *simple-Asia* simulation.