



Implementation of remote-sensed surface water condition into a land surfaces model

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We will present our current efforts to incorporate remote-sensed surface water conditions into a land surface model in the Weather Research and Forecasting model (WRF) for better representation of cropland in East Asia. In this presentation, we introduce the model development and discuss its regional impacts on hydrological cycle in perspectives of the PBL-surface interactions and surface evapotranspiration tagging.