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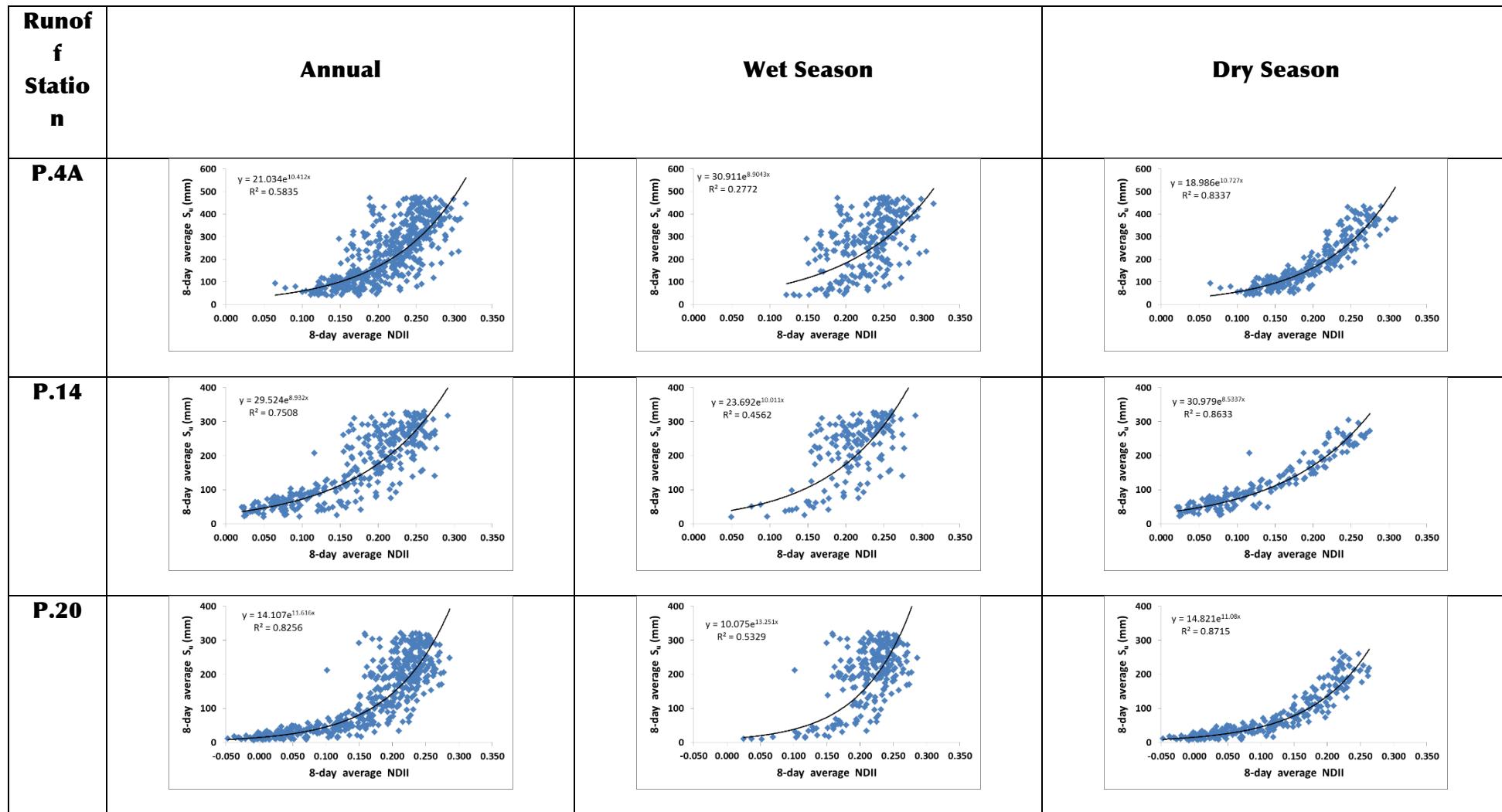
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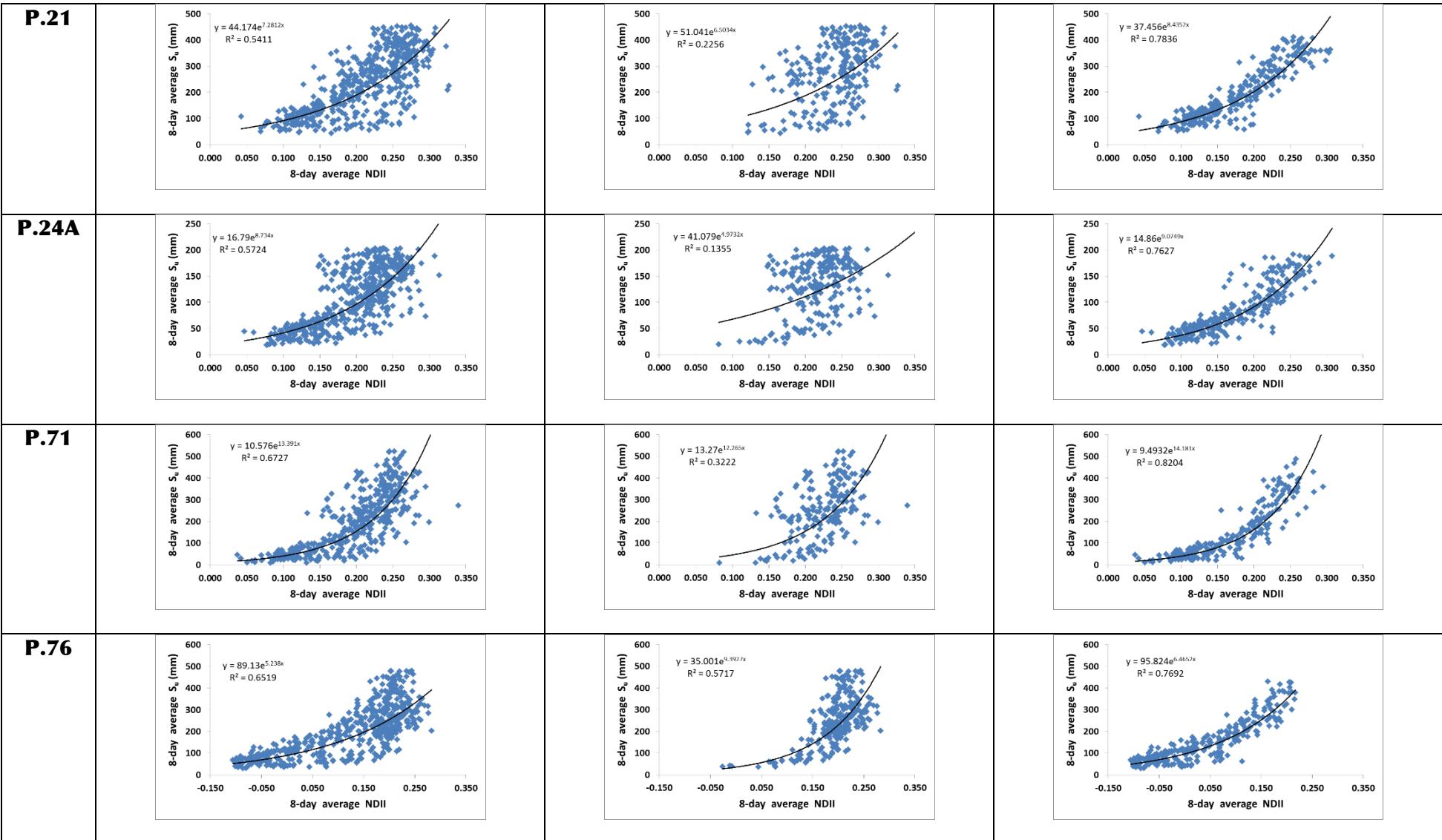
## **Comparing the Normalized Difference Infrared Index (NDII) with root zone storage in a lumped conceptual model**

**Nutchanart Sriwongsitanon et al.**

*Correspondence to:* Hubert H. G. Savenije ([h.h.g.savenije@tudelft.nl](mailto:h.h.g.savenije@tudelft.nl))

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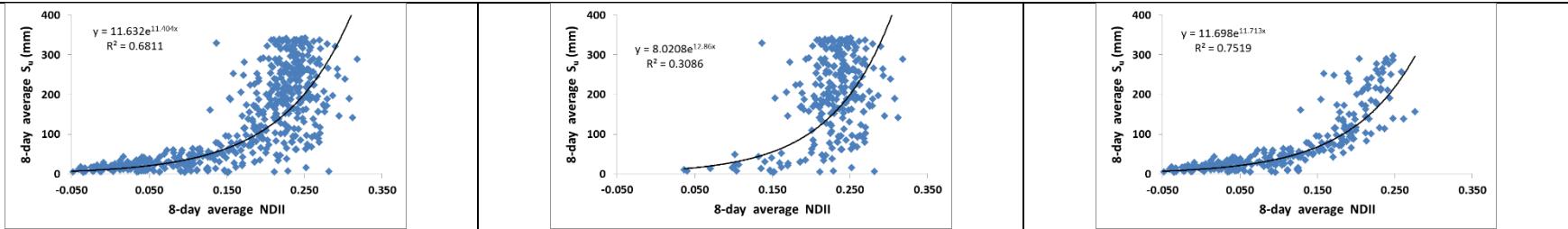
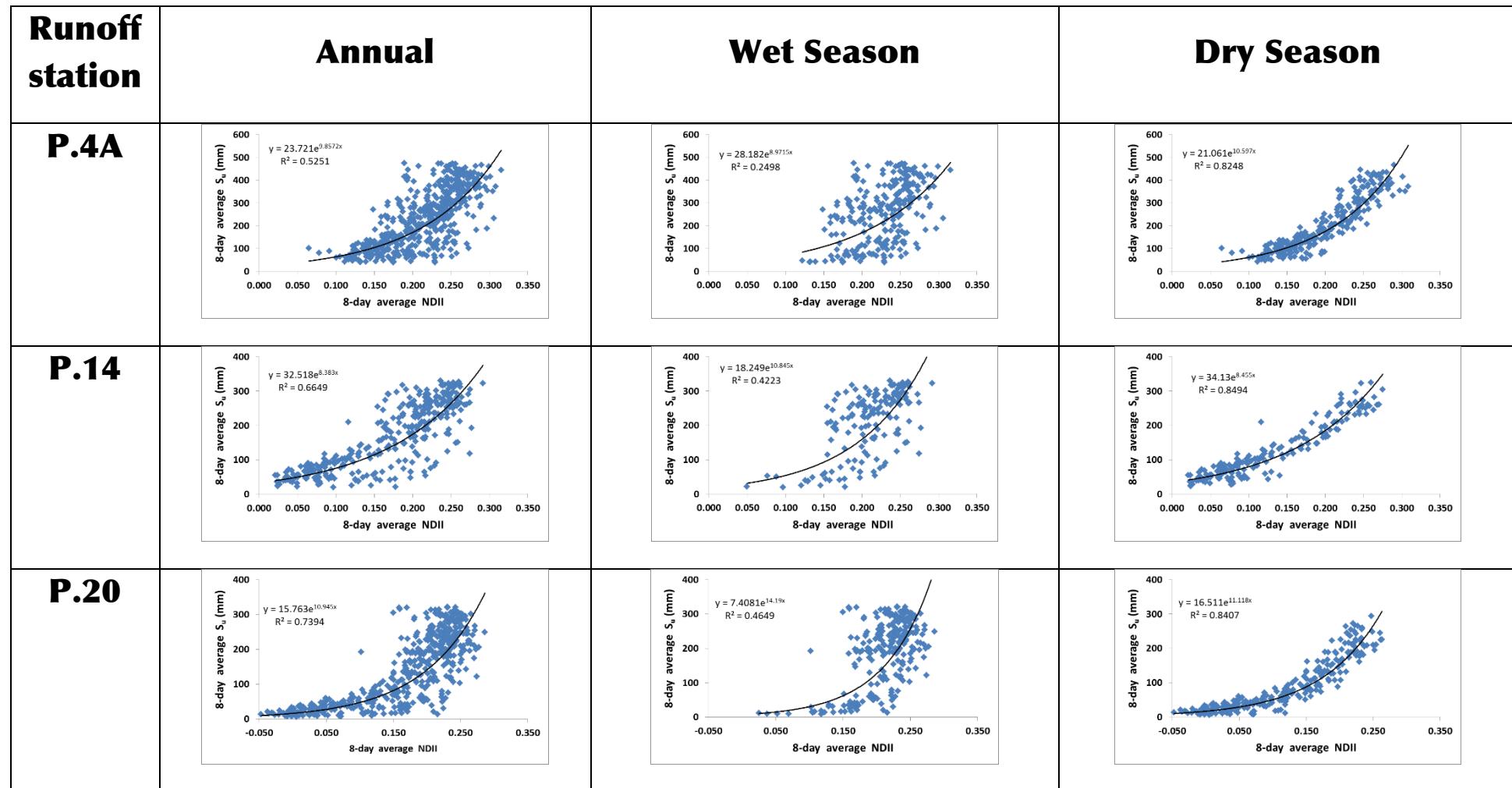
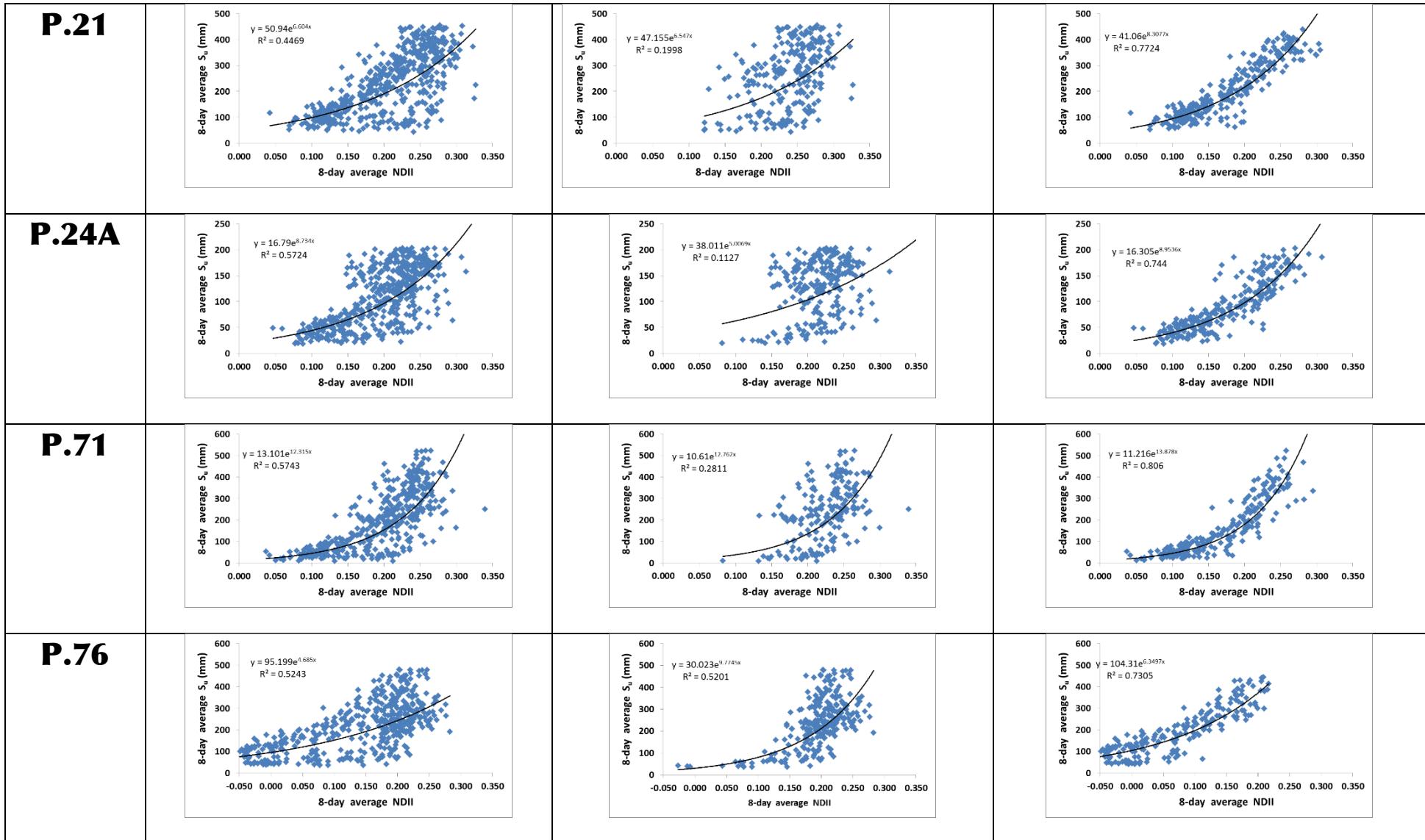


Figure S1. Scatter plots between the 8-days-lagged average NDII and the average root zone moisture storage ( $S_u$ ) for 8 sub-basins controlled by runoff stations.





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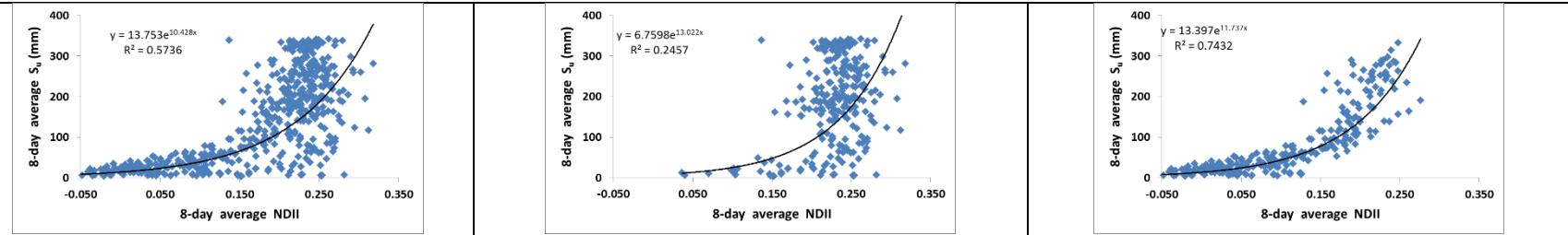
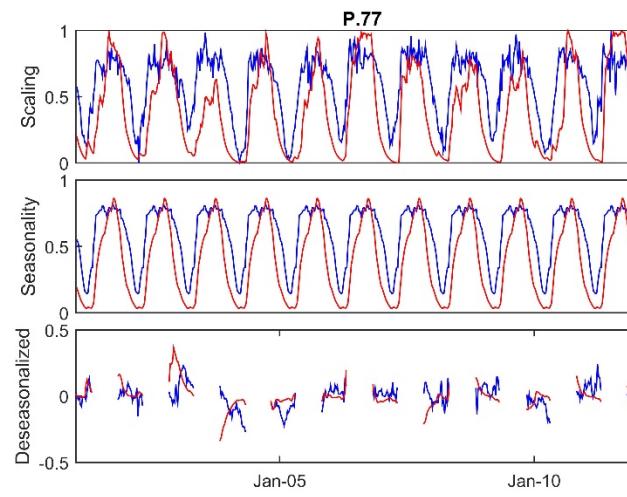
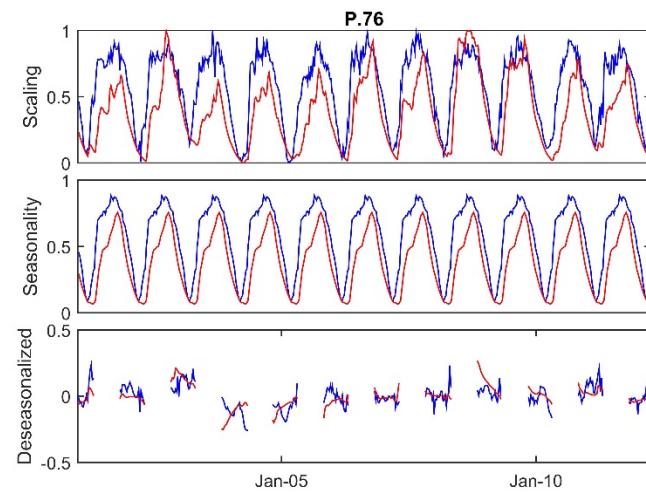
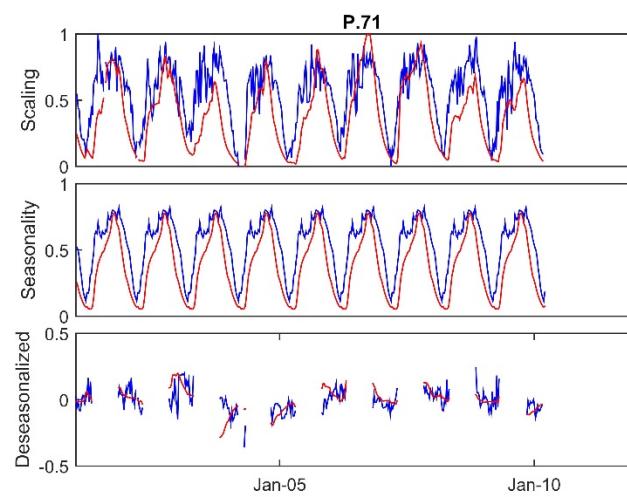
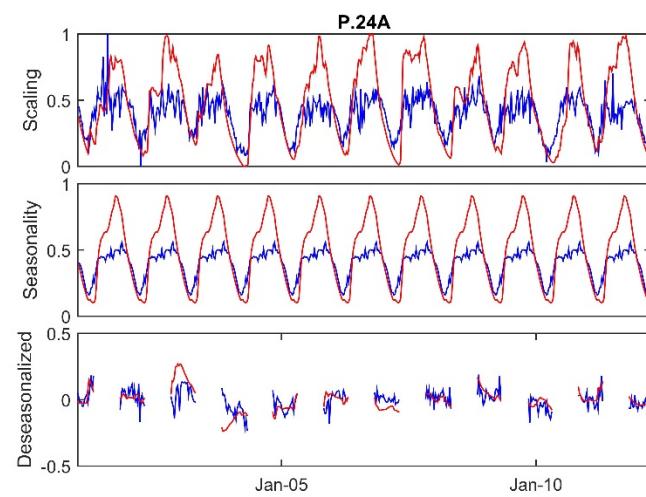


Figure S2. Scatter plots between the 16-days-lagged average NDII and the average root zone moisture storage ( $S_u$ ) for 8 sub-basins controlled by runoff stations.



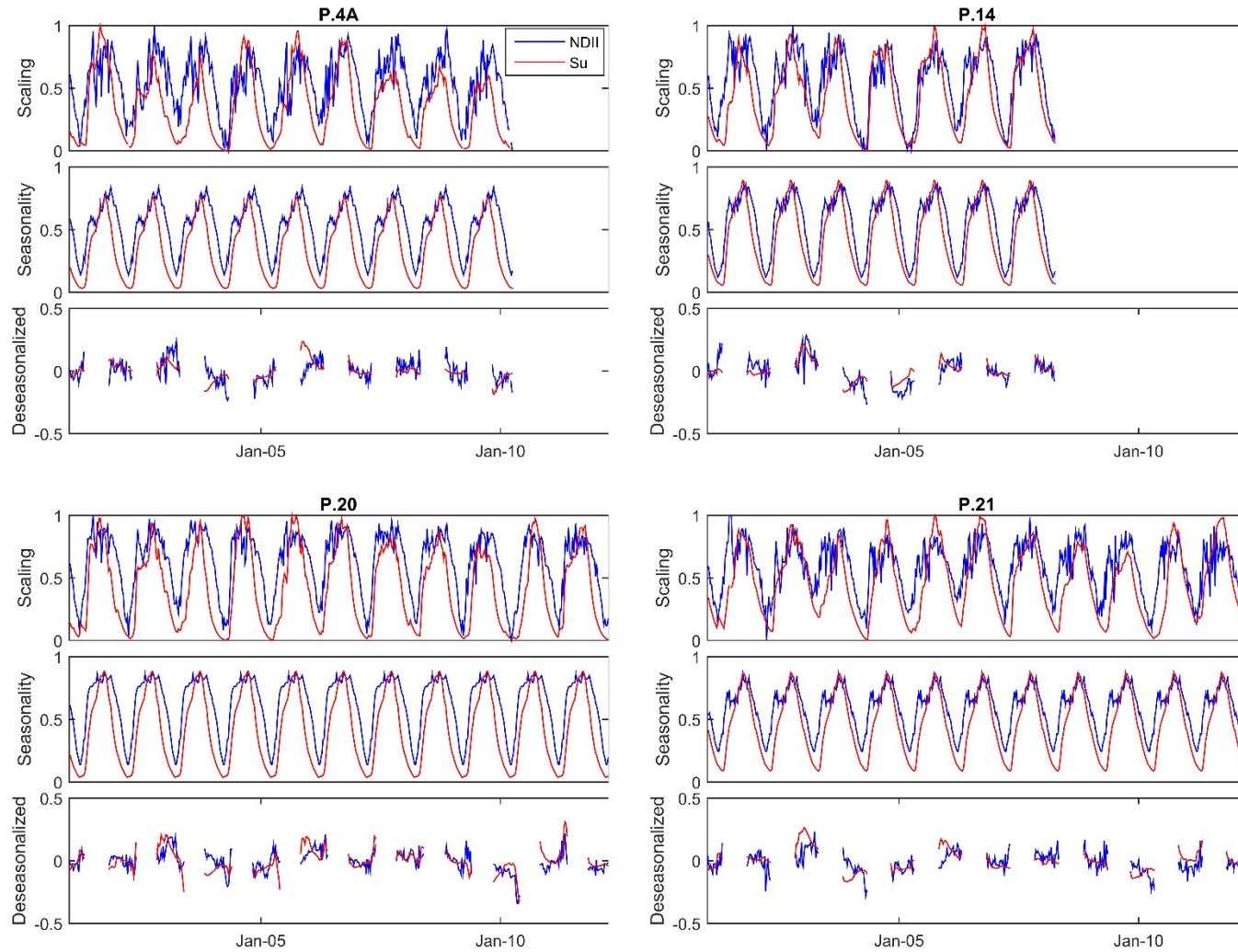


Figure S3. Scaled, seasonality and deseasonalized time series of the 8-days-averaged NDII values compared to the 8-days-averaged root zone moisture storage (Su) in 8 runoff stations.