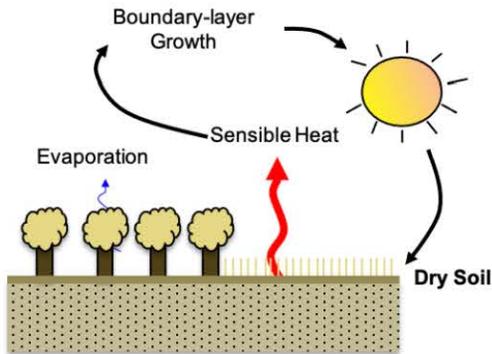




**Joshua Roundy**  
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**University of Kansas**

My research lies at the interface of the physical earth system and the built environment and strives to understand and improve the predictability of the global water cycle to ensure sustainability and resiliency of our water resource systems.

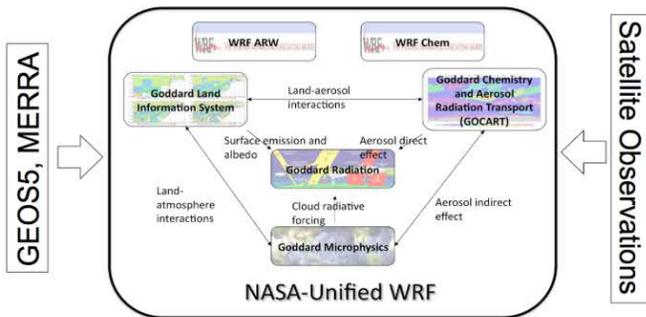
### Land Atmosphere Interactions



### Land Surface Models



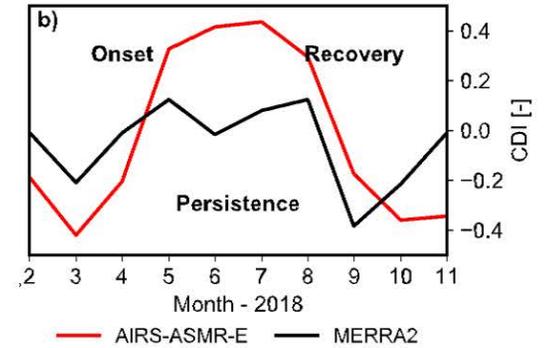
### Coupled Model Predictions



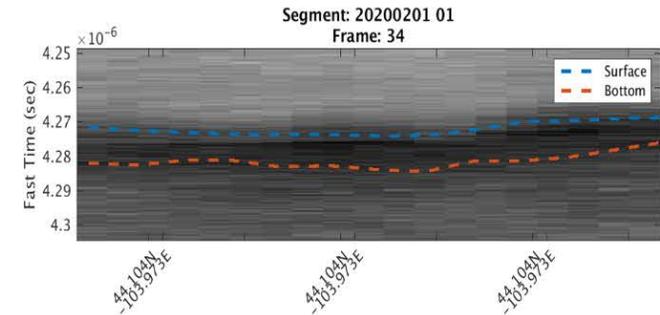
### Prediction of Harmful Algae Blooms



### Drought Analysis and Prediction



### Remote Sensing



### Stormwater/Highway/Bridge Engineering Design

