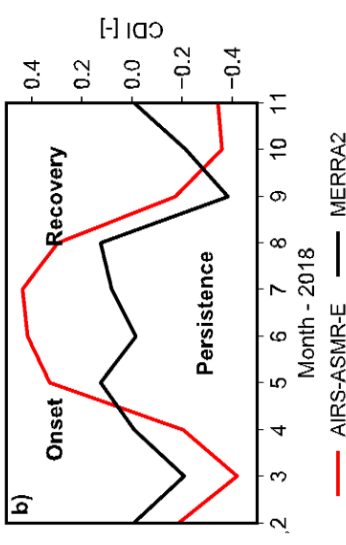




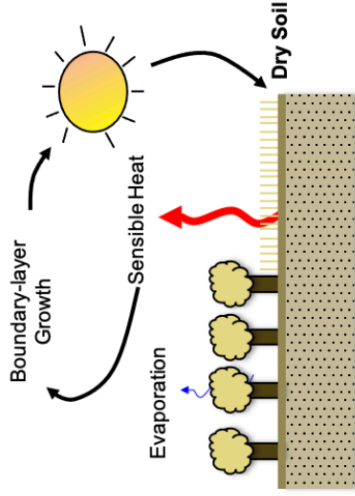
Joshua Roundy
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My research lies at the interface of the physical earth system and the built environment and strives to understand and improve the predictability of the global water cycle to ensure sustainability and resiliency of our water resource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

Drought Analysis and Prediction



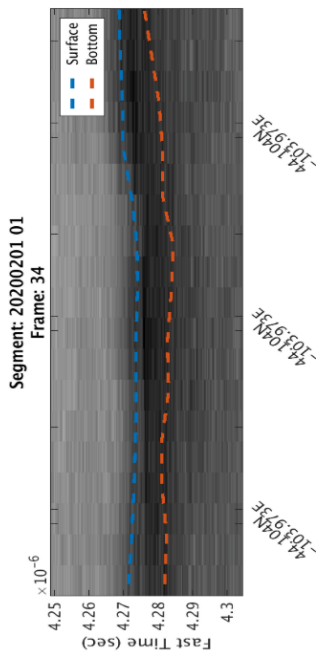
Land Atmosphere Interactions



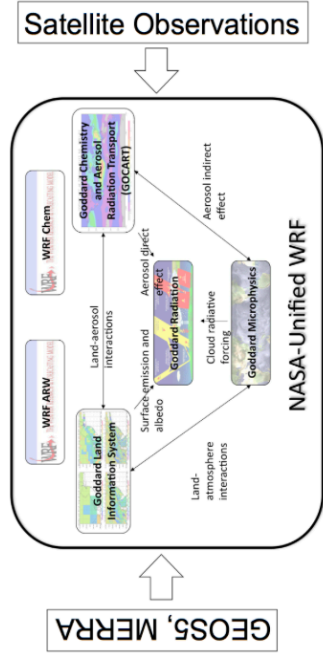
Land Surface Models



Remote Sensing



Coupled Model Predictions



Prediction of Harmful Algae Blooms



Stormwater/Highway/Bridge Engineering Design

