

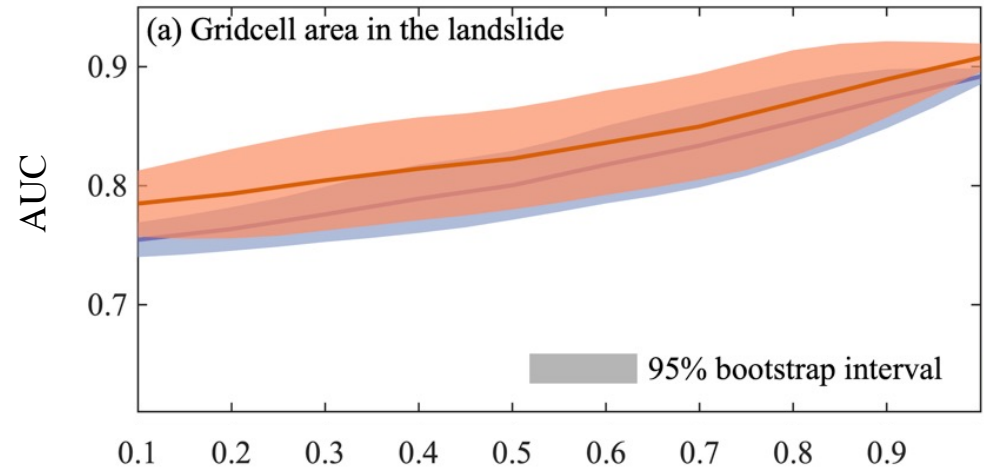
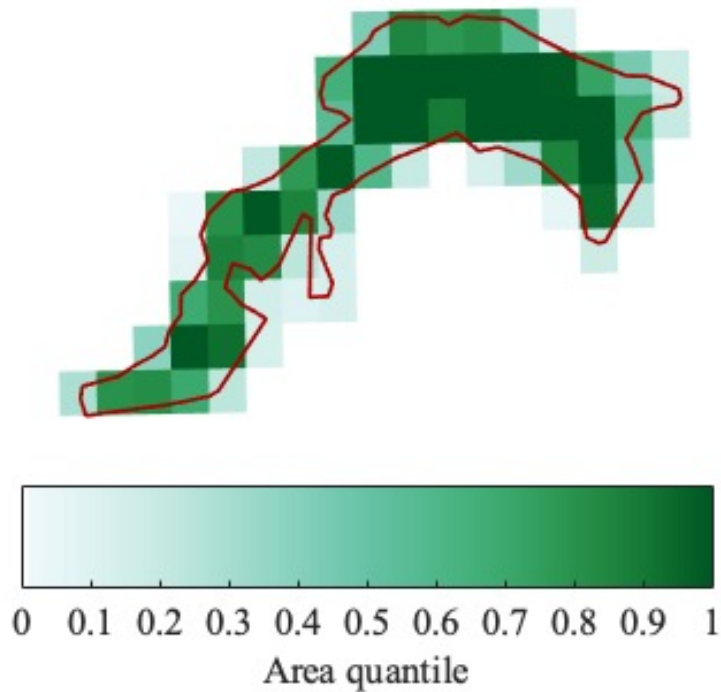
Role of baseline landslide inventory and grid rainfall precision on the sensitivity of susceptibility/hindcast models

UGUR OZTURK



- Baseline Landslide Inventory
 - Main model
- Grid Rainfall Precision
 - Simplified model

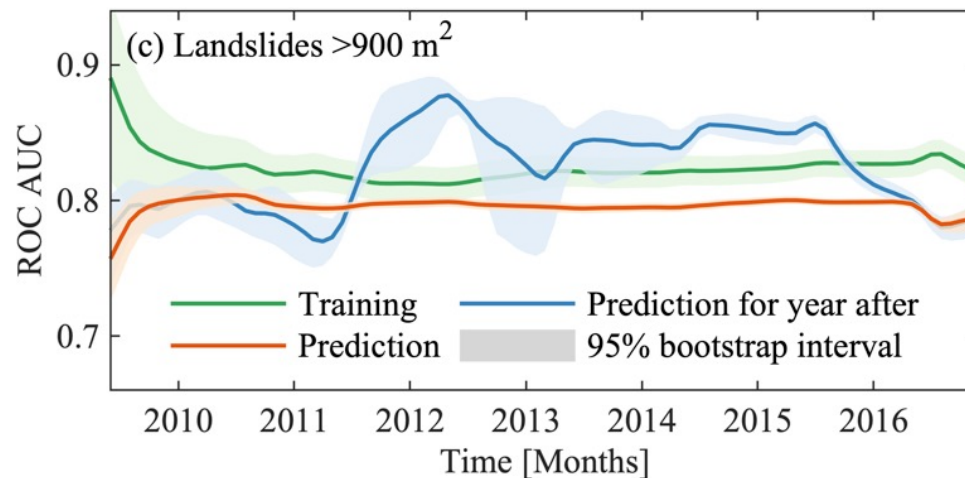
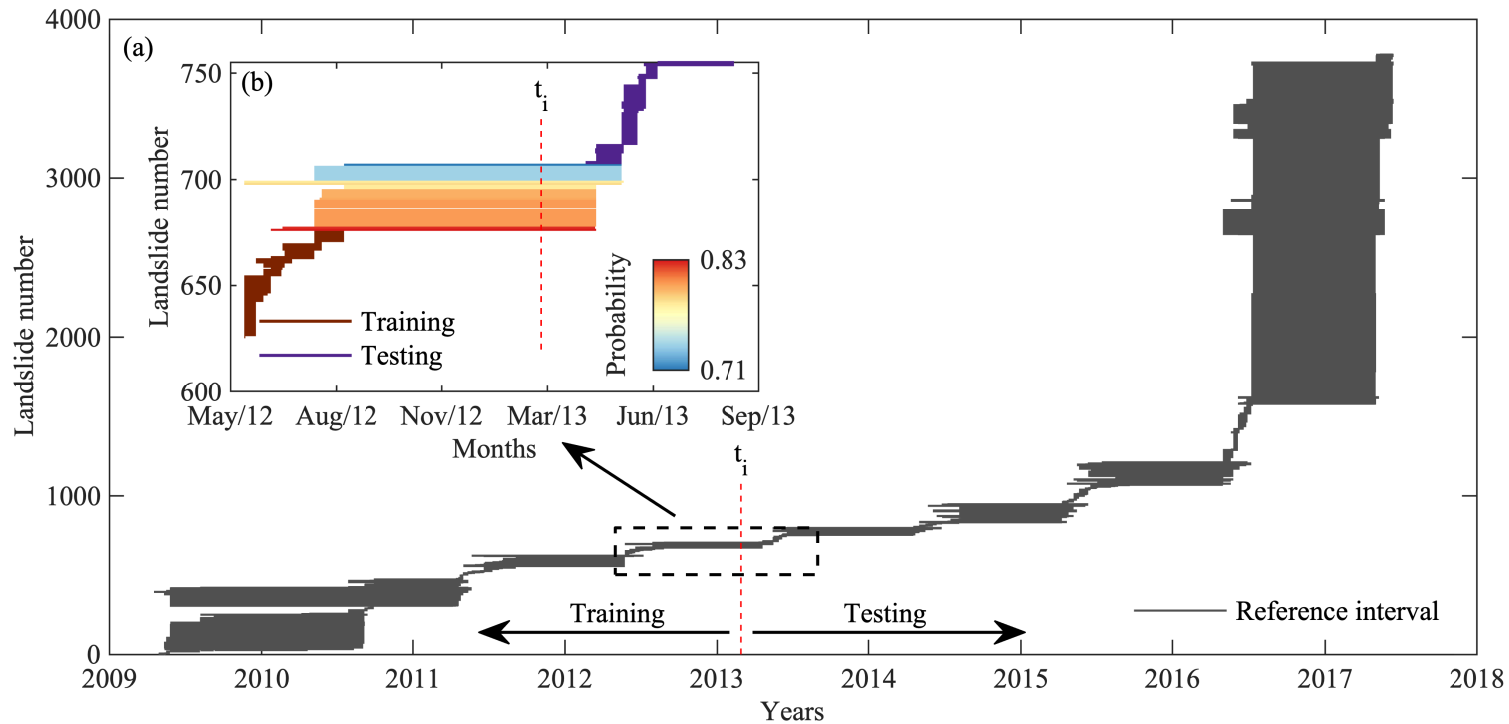
Spatial Sensitivity (Sampling impact on AUC)



Article - 1



Temporal Sampling for Training/Testing



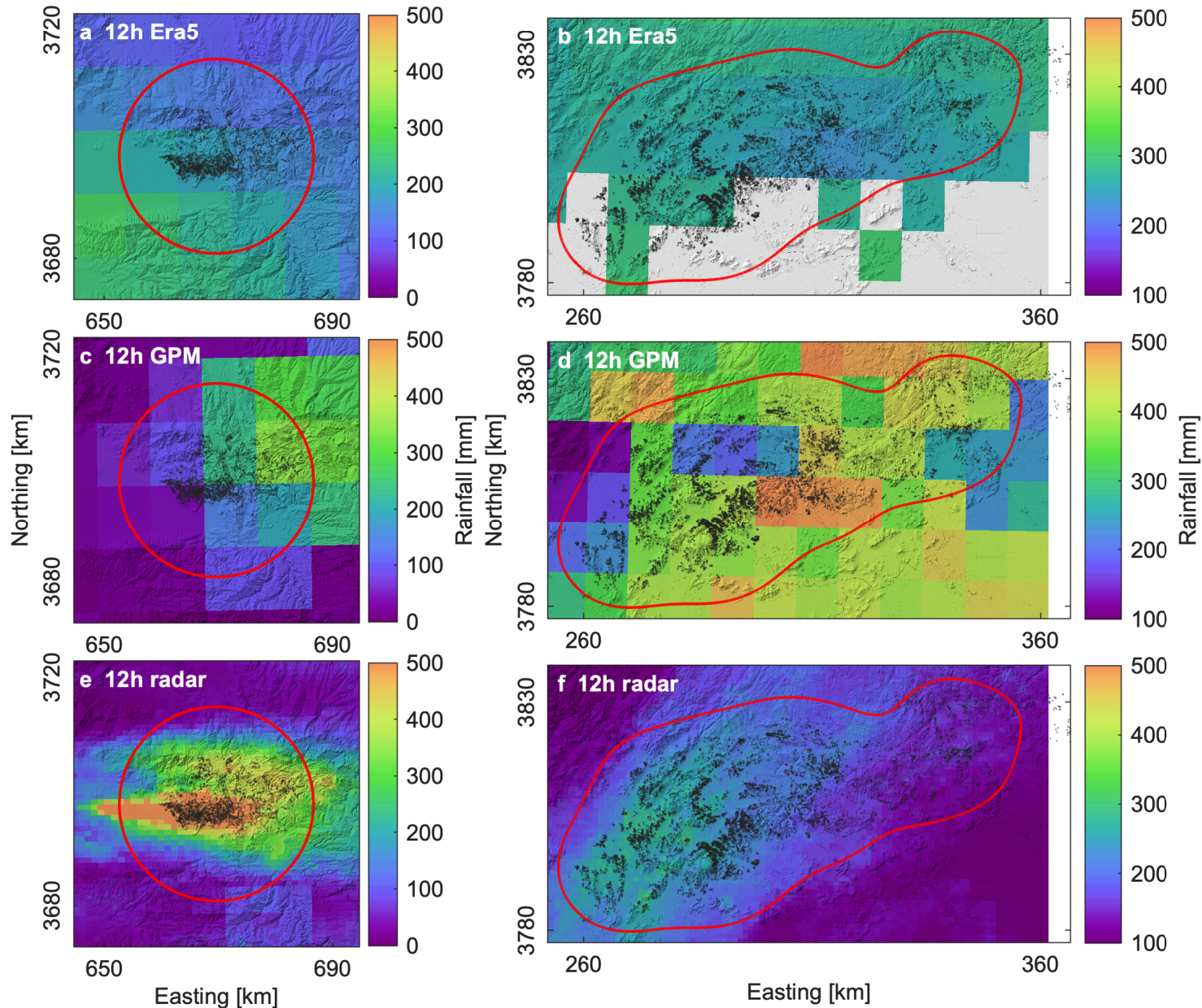
Article - 1



Outline

- Baseline Landslide Inventory
 - Main model
- Grid Rainfall Precision
 - Simplified model

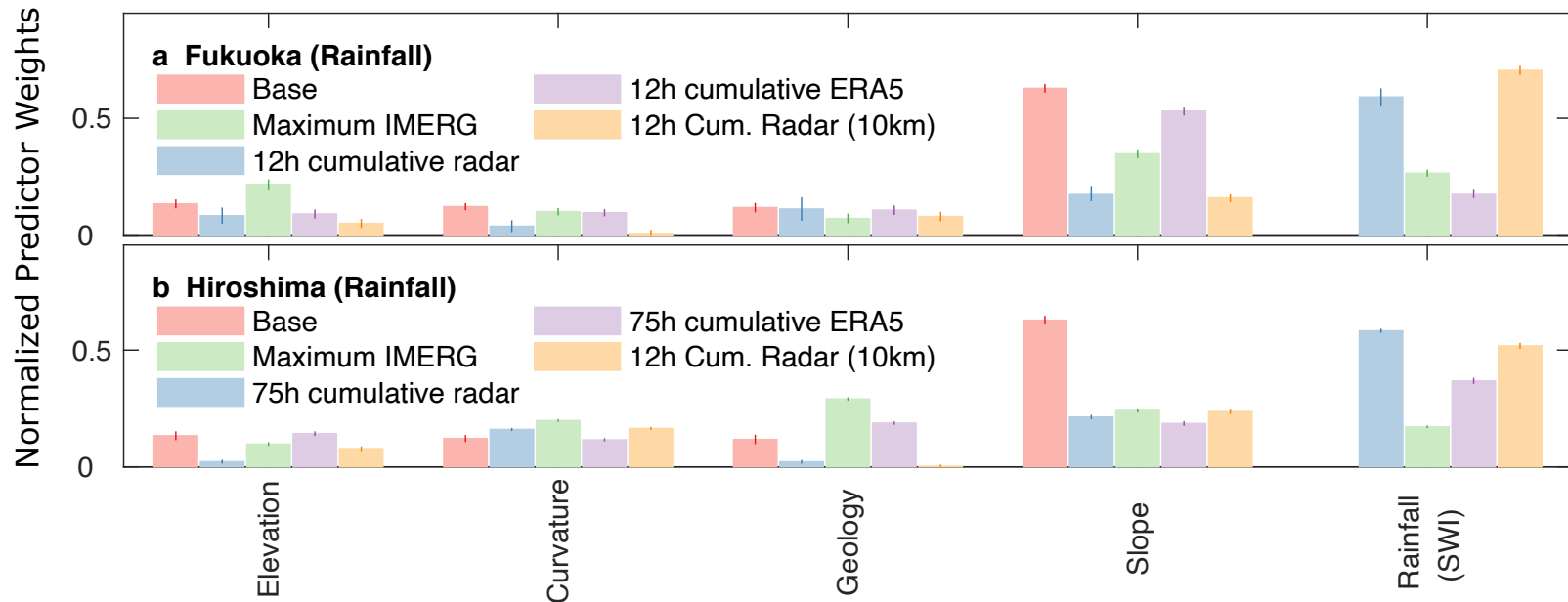
Rainfall Overview (Era5, IMERG, Radar)



Article - 2



Parameter Weights in Logistic Model



Article - 2



Conclusions

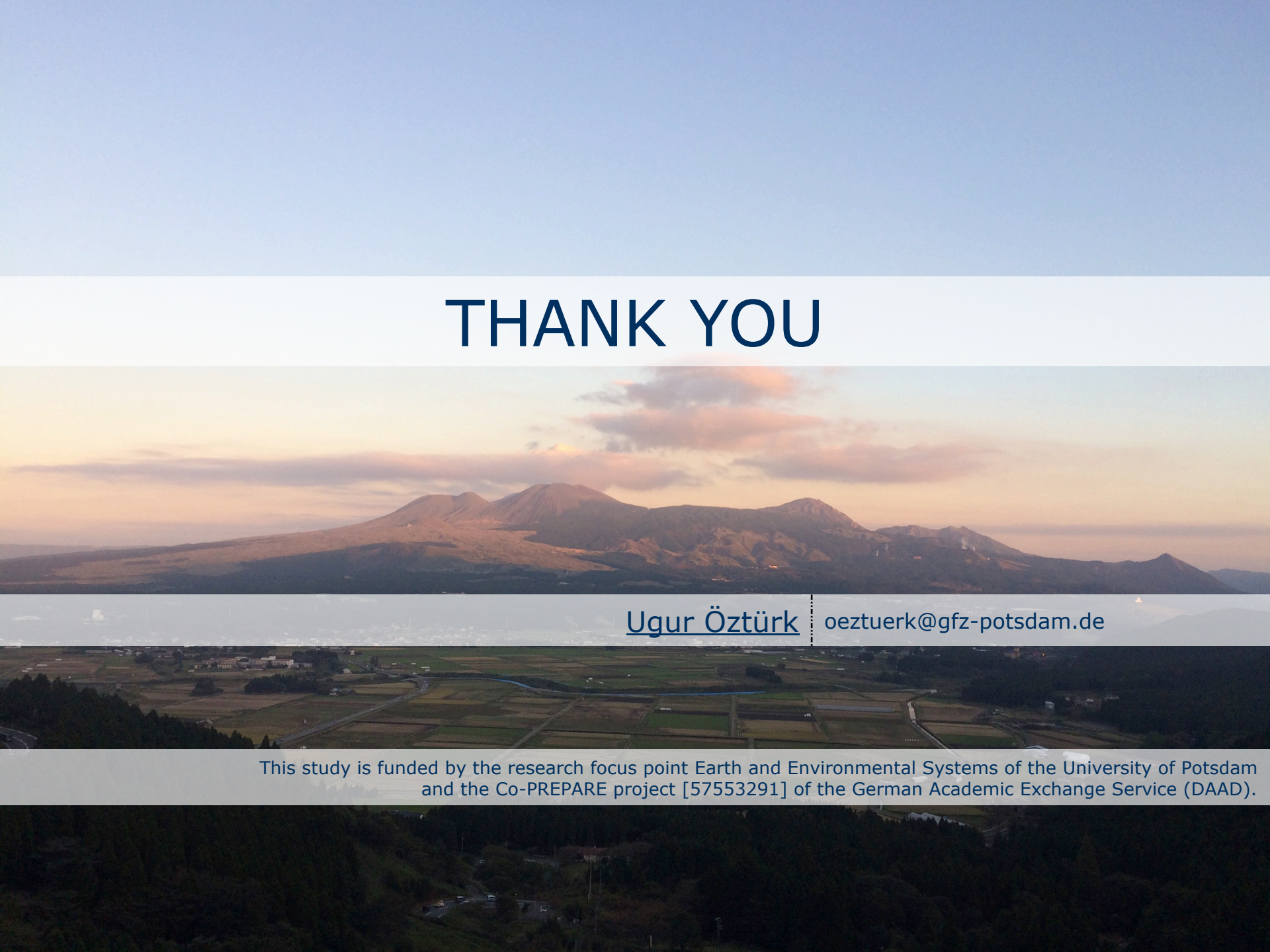
- **The global and grid-based rainfall estimates seem to miss the centre and extent of the localized extreme rainfall incidents.**
- **More data might not necessarily mean a better performing susceptibility model.**

Article - 1



Article - 2





THANK YOU

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