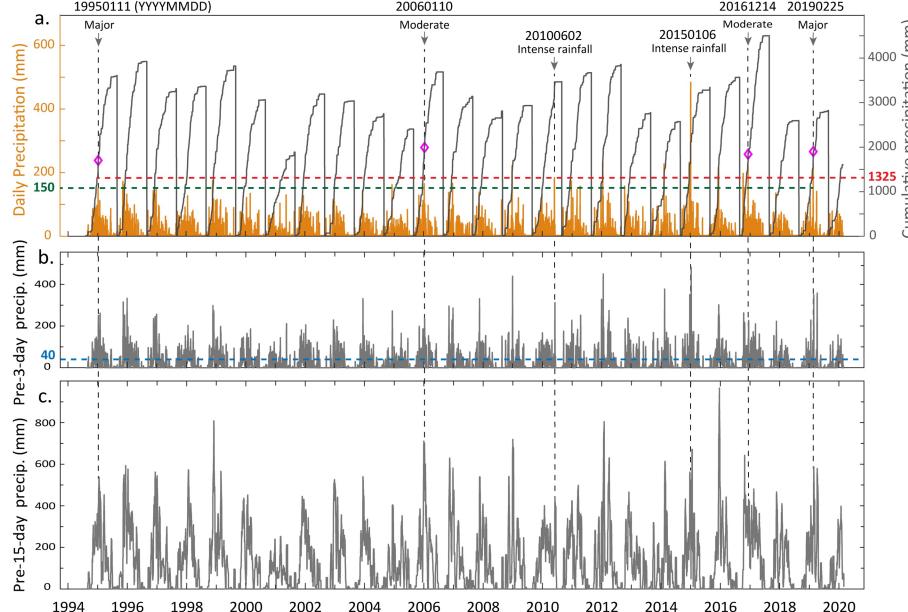
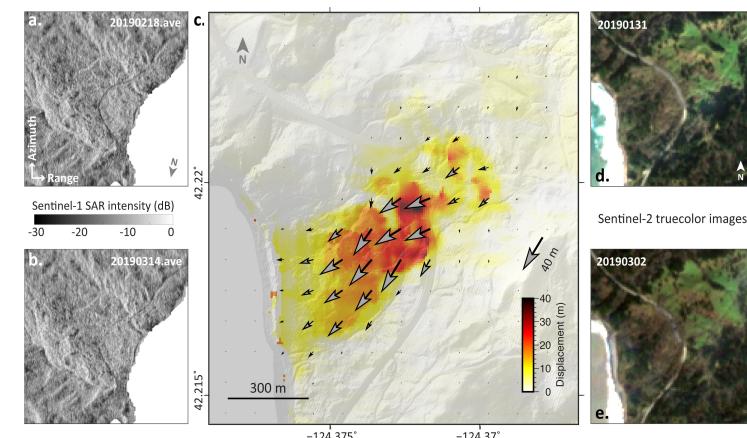
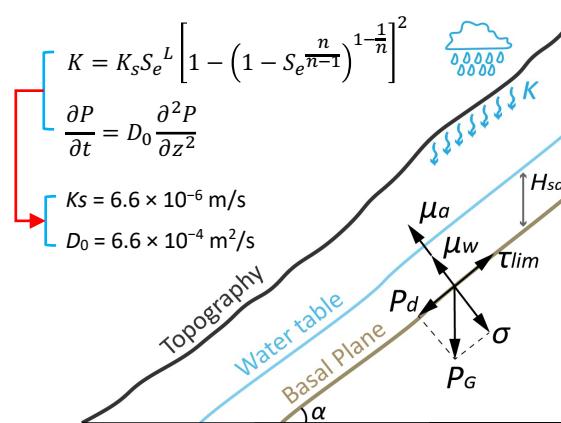
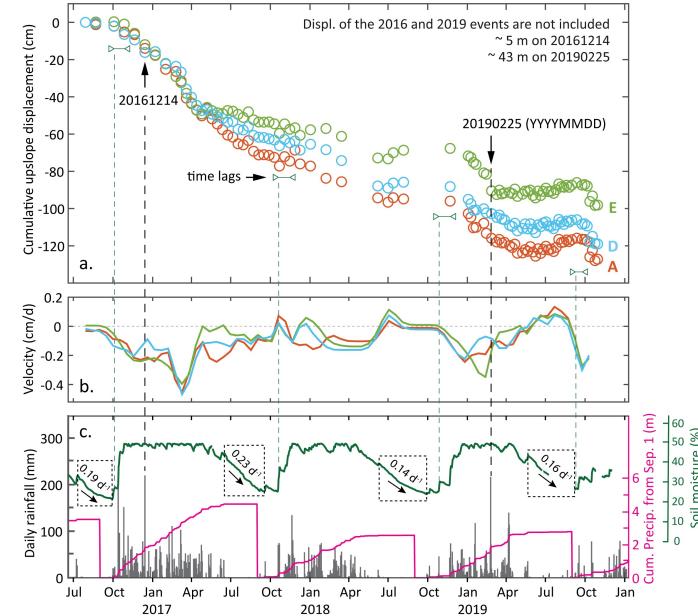
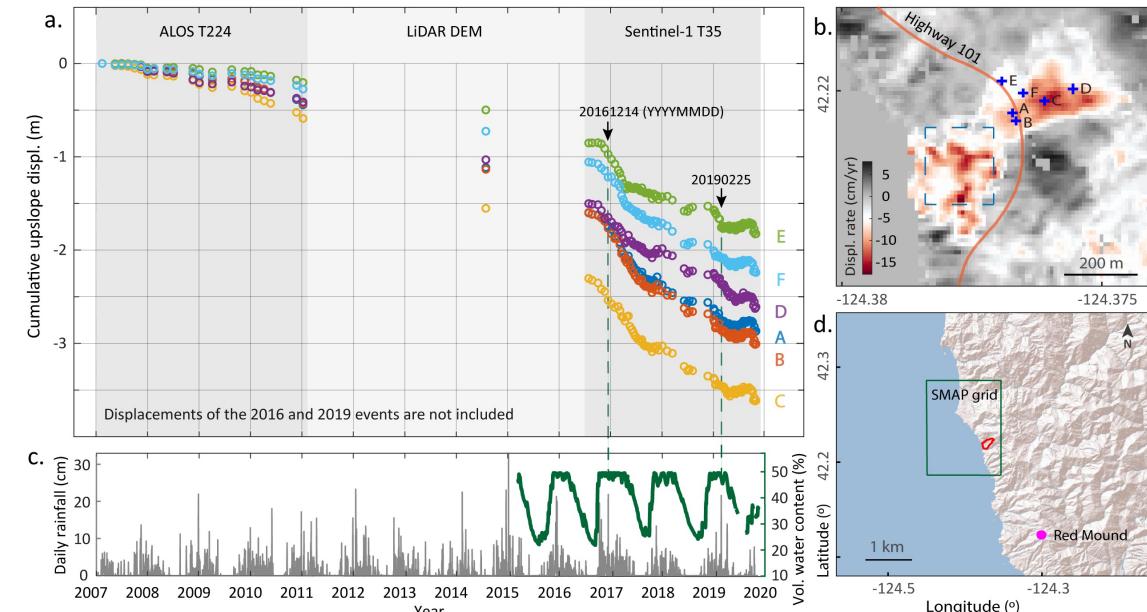
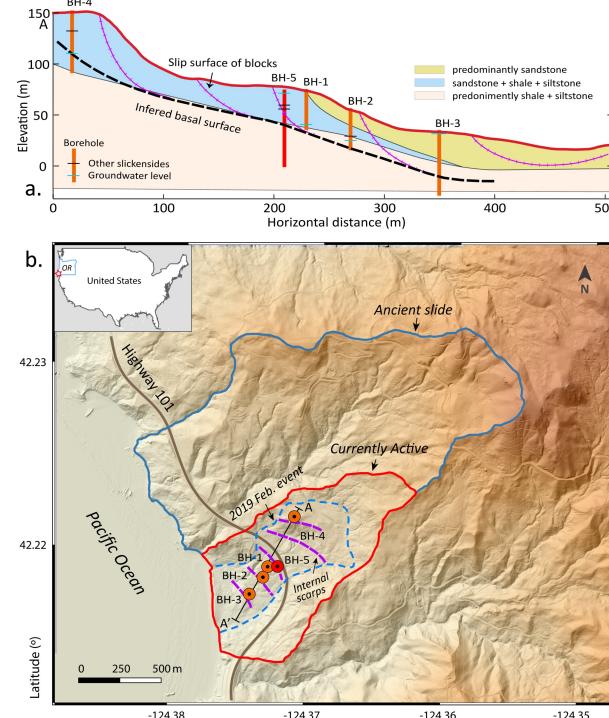


Dynamics and physics-based rainfall thresholds for a deep-seated landslide (Xu et al. 2020, JGR)

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- ALOS + LiDAR DEM + Sentinel-1 → 12-year motion dynamics
- Time lags of precipitation-driven seasonal motion → Estimation of hydraulic parameters
- Sub-pixel offset tracking of Sentinel-1/2 images → 3D displacement field of the 2019 major movement
- Proposing a new three-factor threshold for forecasting deep-seated landslide: water-year + previous 3-day + daily rainfall