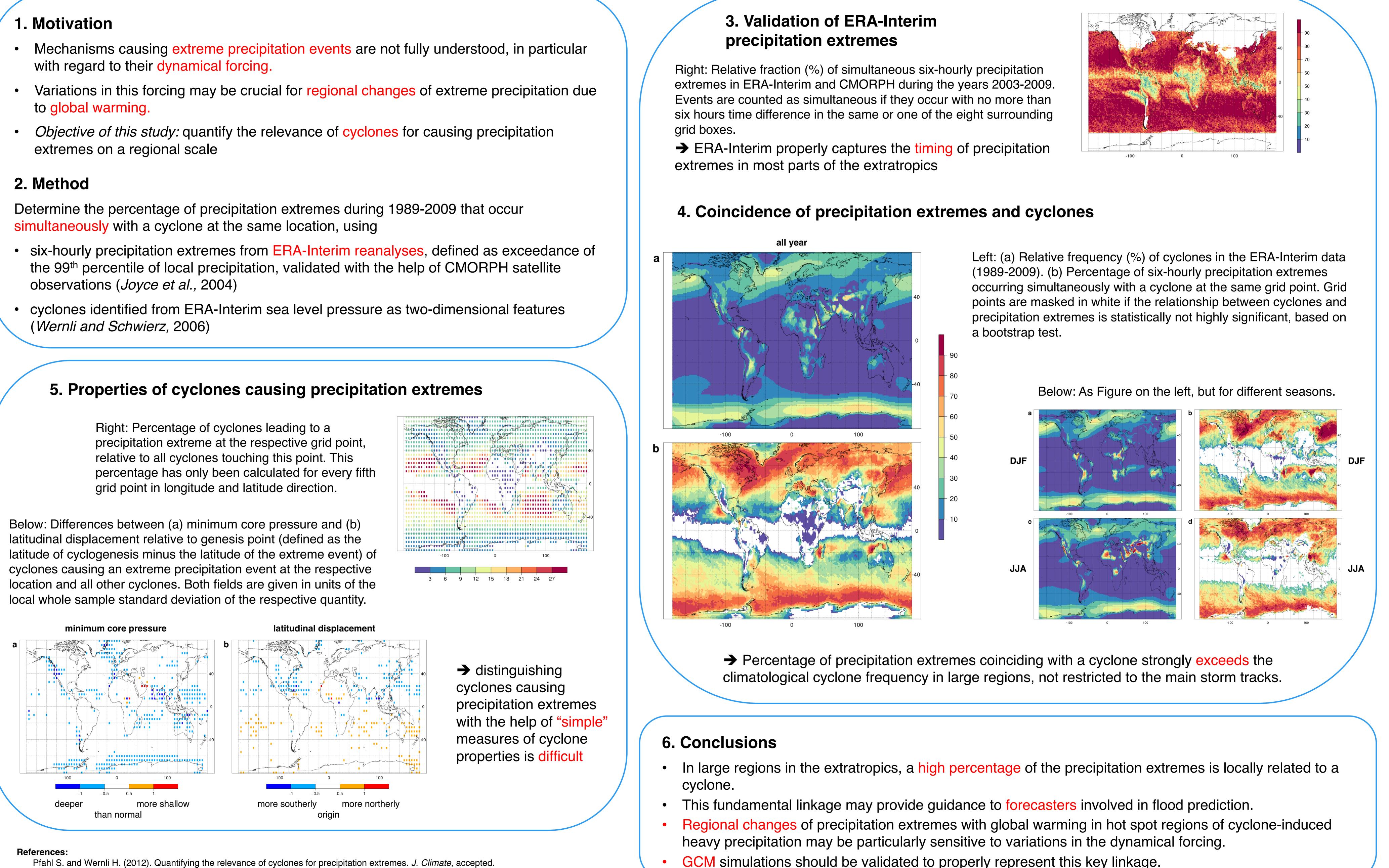
- with regard to their dynamical forcing.
- to global warming.
- extremes on a regional scale

- observations (*Joyce et al.*, 2004)
- (Wernli and Schwierz, 2006)



Joyce R.D. et al. (2004). CMORPH: A method that produces global precipitation estimated from passive microwave and infrared data at high spatial and temporal resolution. J. Hydrometeorol. 5, 487-503. Wernli H. and Schwierz C. (2006). Surface cyclones in the ERA-40 dataset (1958-2001). Part I: Novel identification method and global climatology. J. Atmos. Sci. 63, 2486-2507.

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Quantifying the relevance of cyclones for precipitation extremes

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GCM simulations should be validated to properly represent this key linkage.

