

---

# **Future Changes in Extreme Multiple-Day Precipitation Sums for the Rhine Basin**

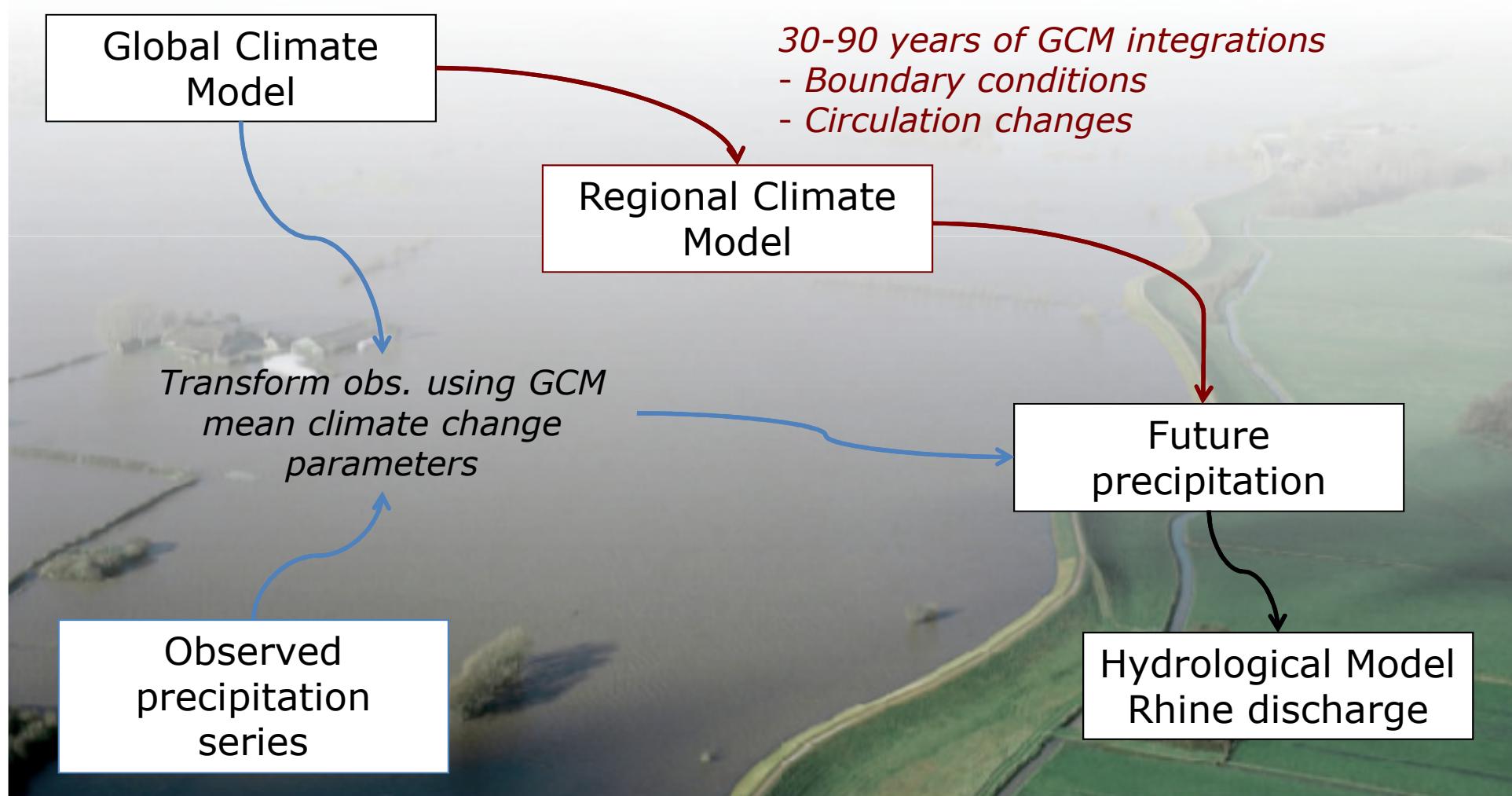
Sarah F. Kew\*, Frank Selten, Geert Lenderink and Wilco Hazeleger

Will the dikes still hold?



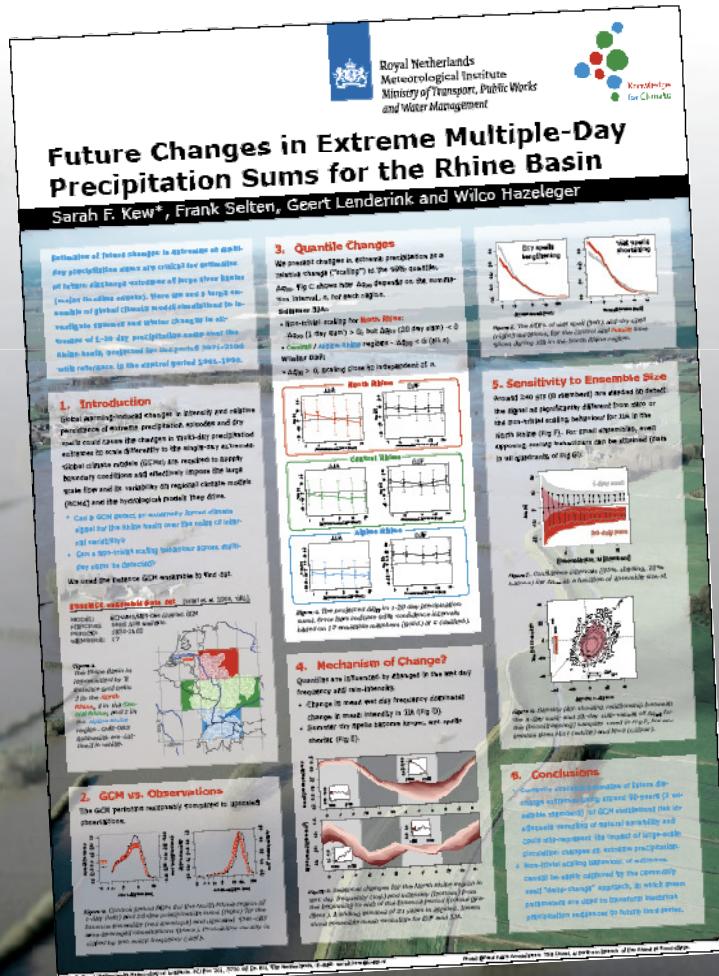
# Future Changes in Extreme Multiple-Day Precipitation Sums for the Rhine Basin

Sarah F. Kew\*, Frank Selten, Geert Lenderink and Wilco Hazeleger



# Future Changes in Extreme Multiple-Day Precipitation Sums for the Rhine Basin

Sarah F. Kew\*, Frank Selten, Geert Lenderink and Wilco Hazeleger



- Are 30-90 years enough to capture large scale variability?
- Can mean-parameter transformations capture realistic multi-day precipitation changes?

We use a large GCM ensemble to find out...