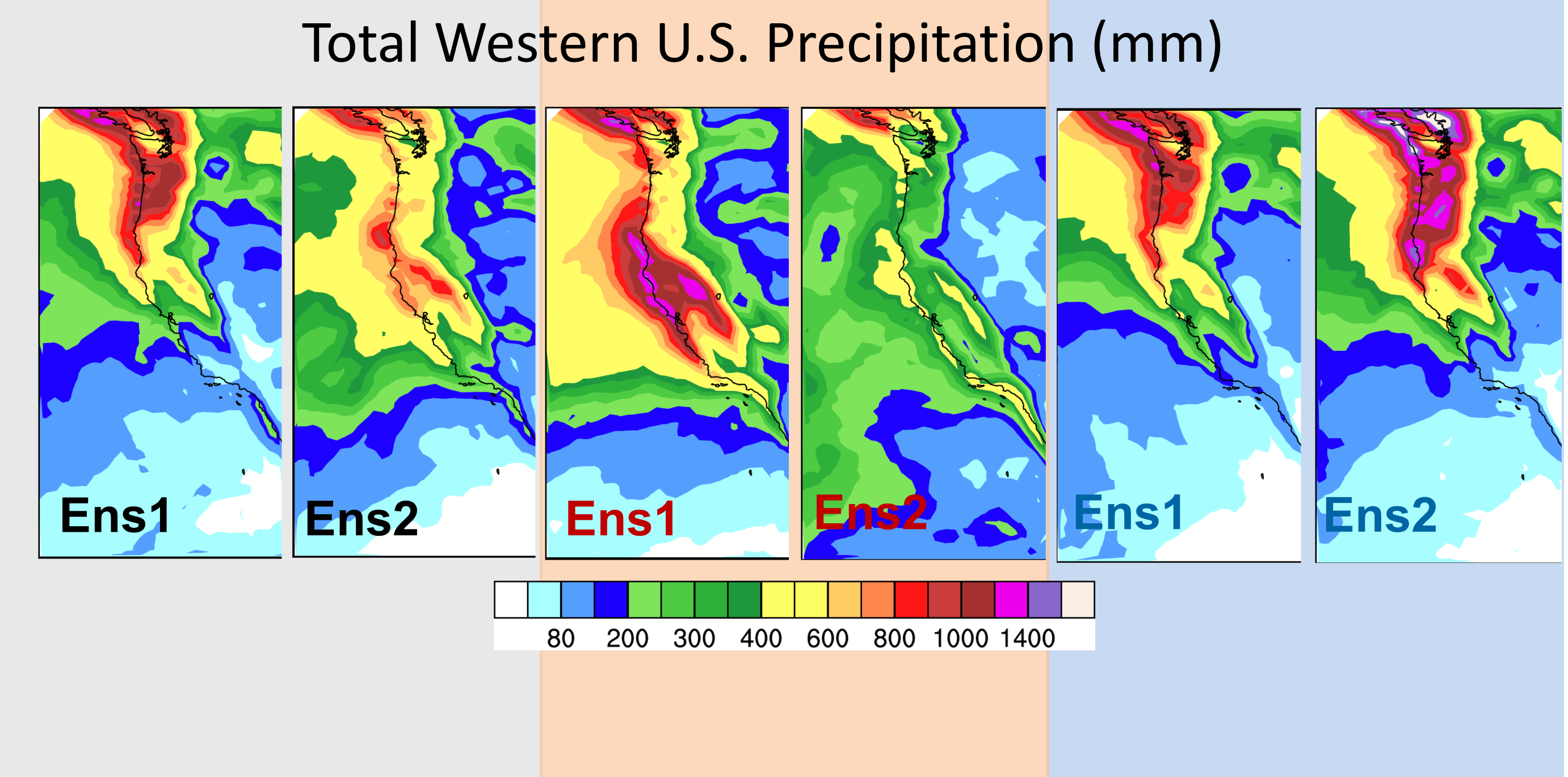
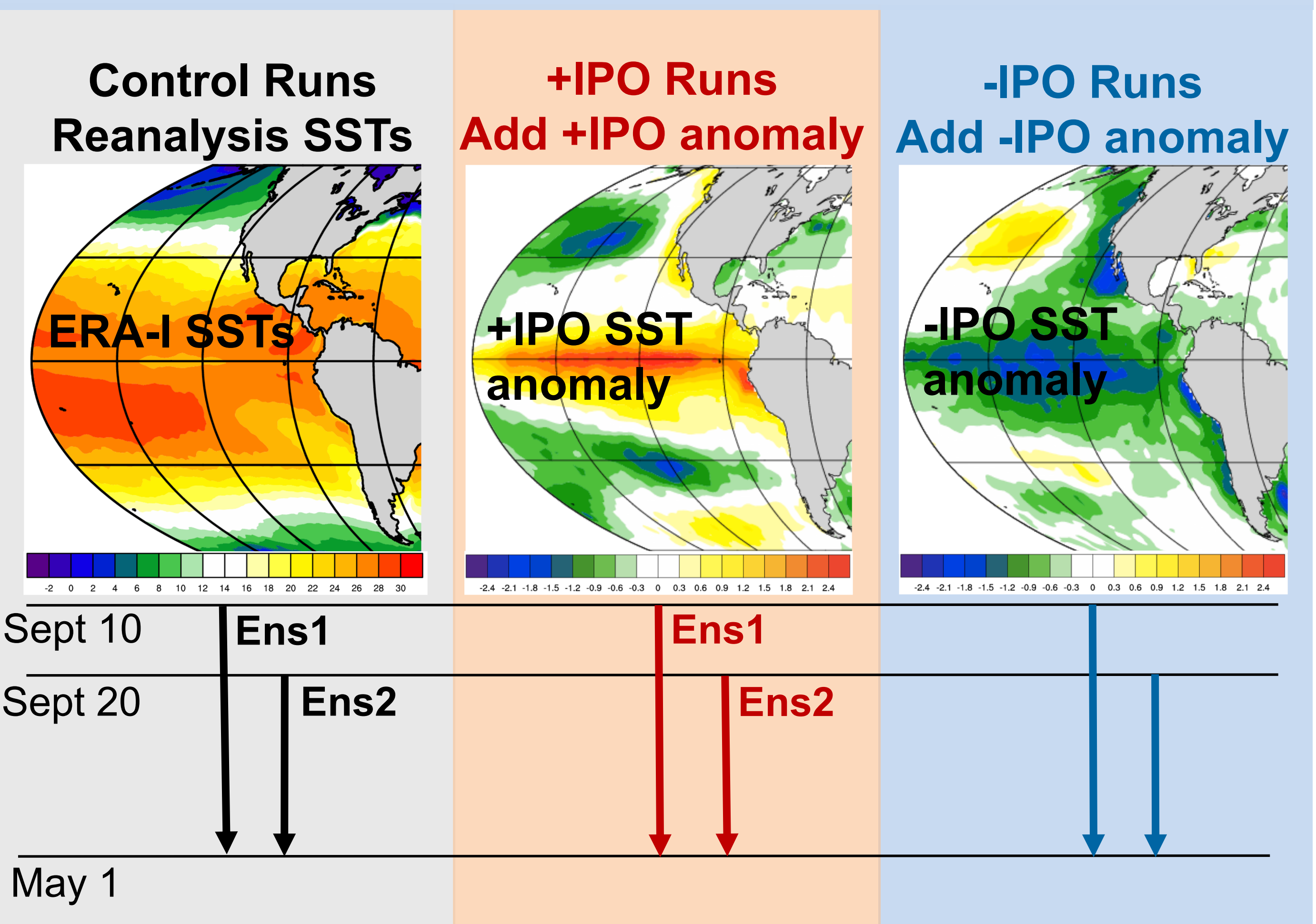


## 1. Science Question

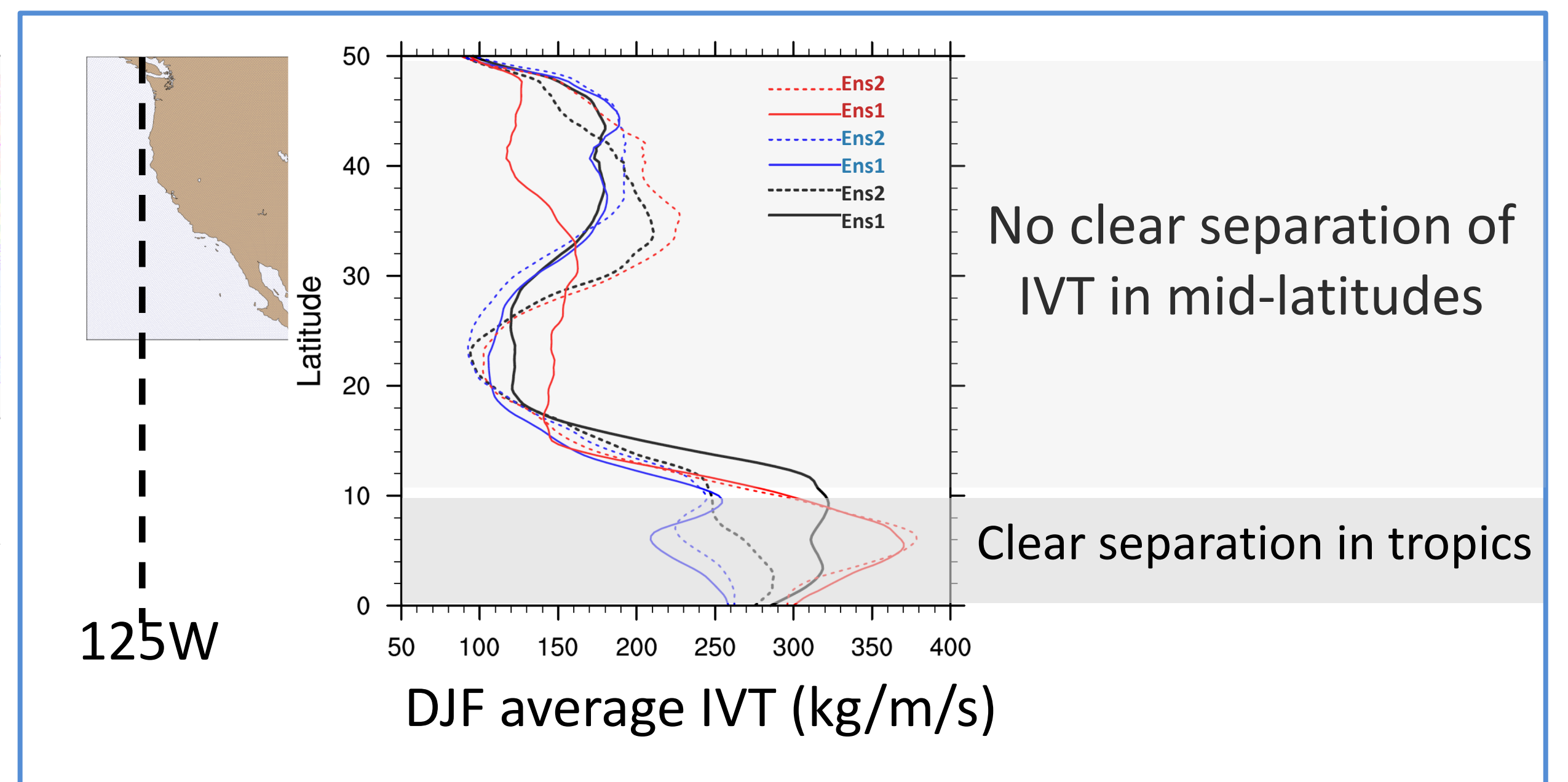
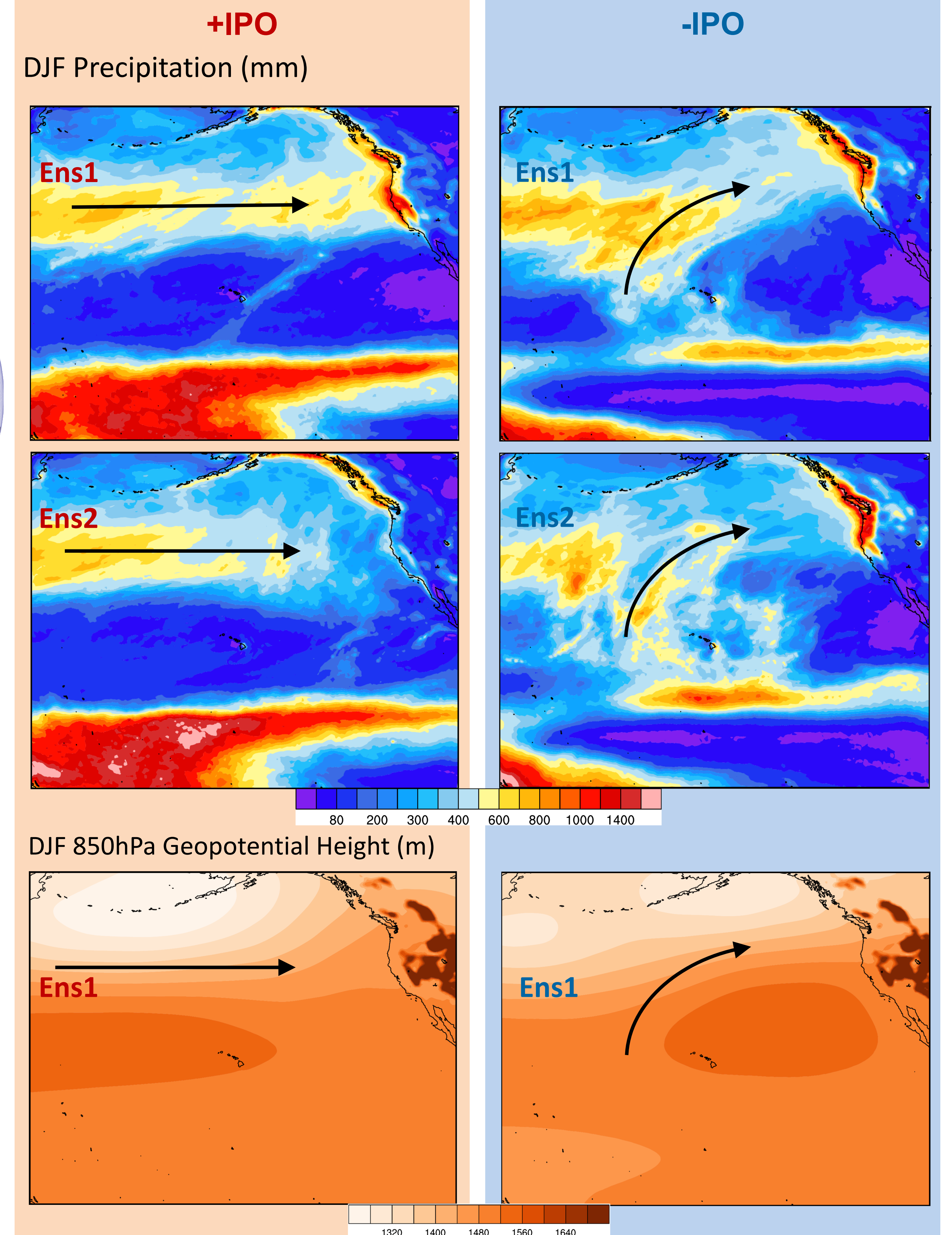
How does decadal climate variability change the nature and predictability of atmospheric rivers over the Western U.S.?

## 2. Approach

Simulations of the 2016/2017 season under opposite phases of the Interdecadal Pacific Oscillation (IPO), using the Model for Prediction Across Scales.

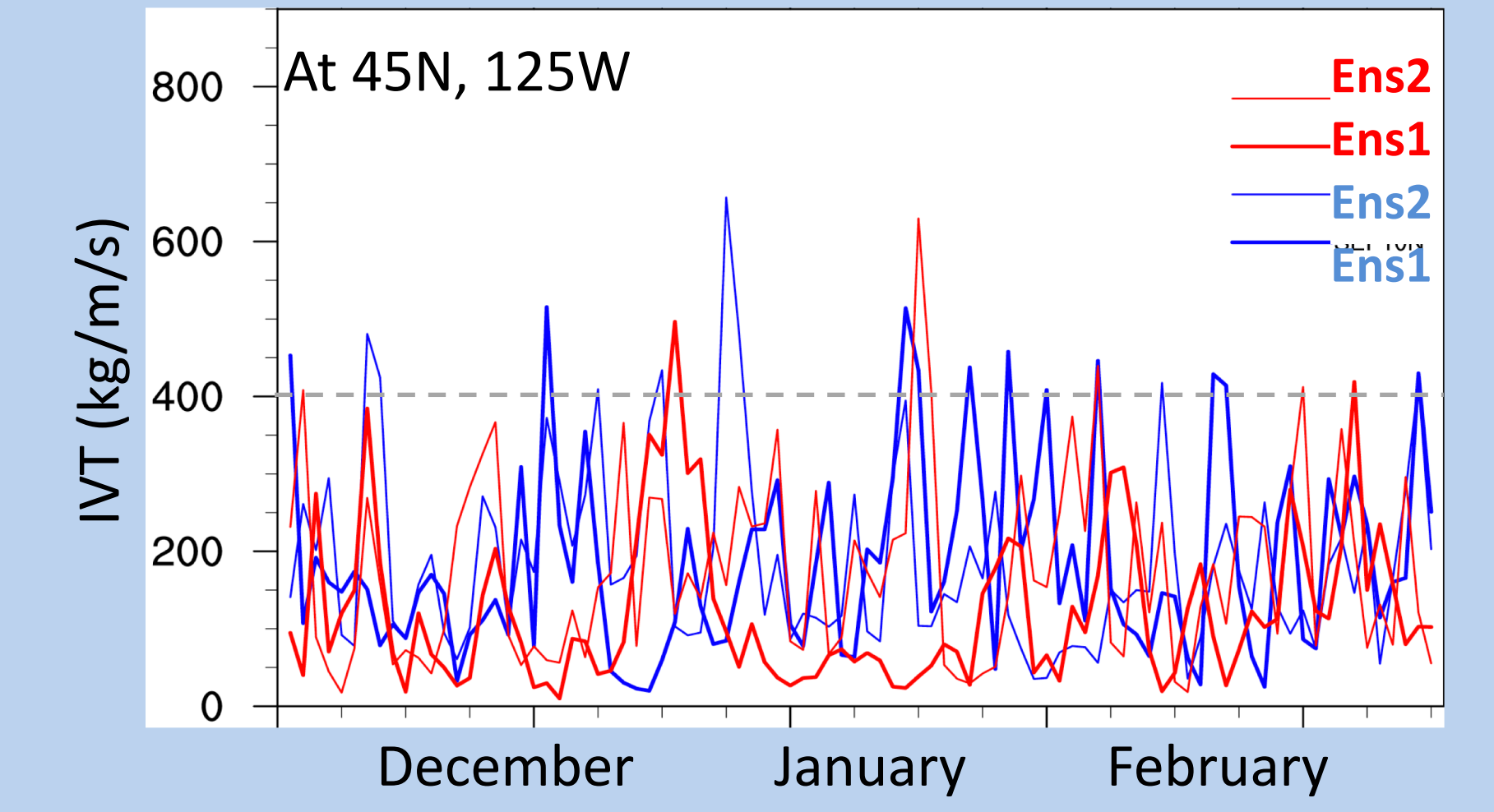


## 3. IPO modifies connection to tropical moisture

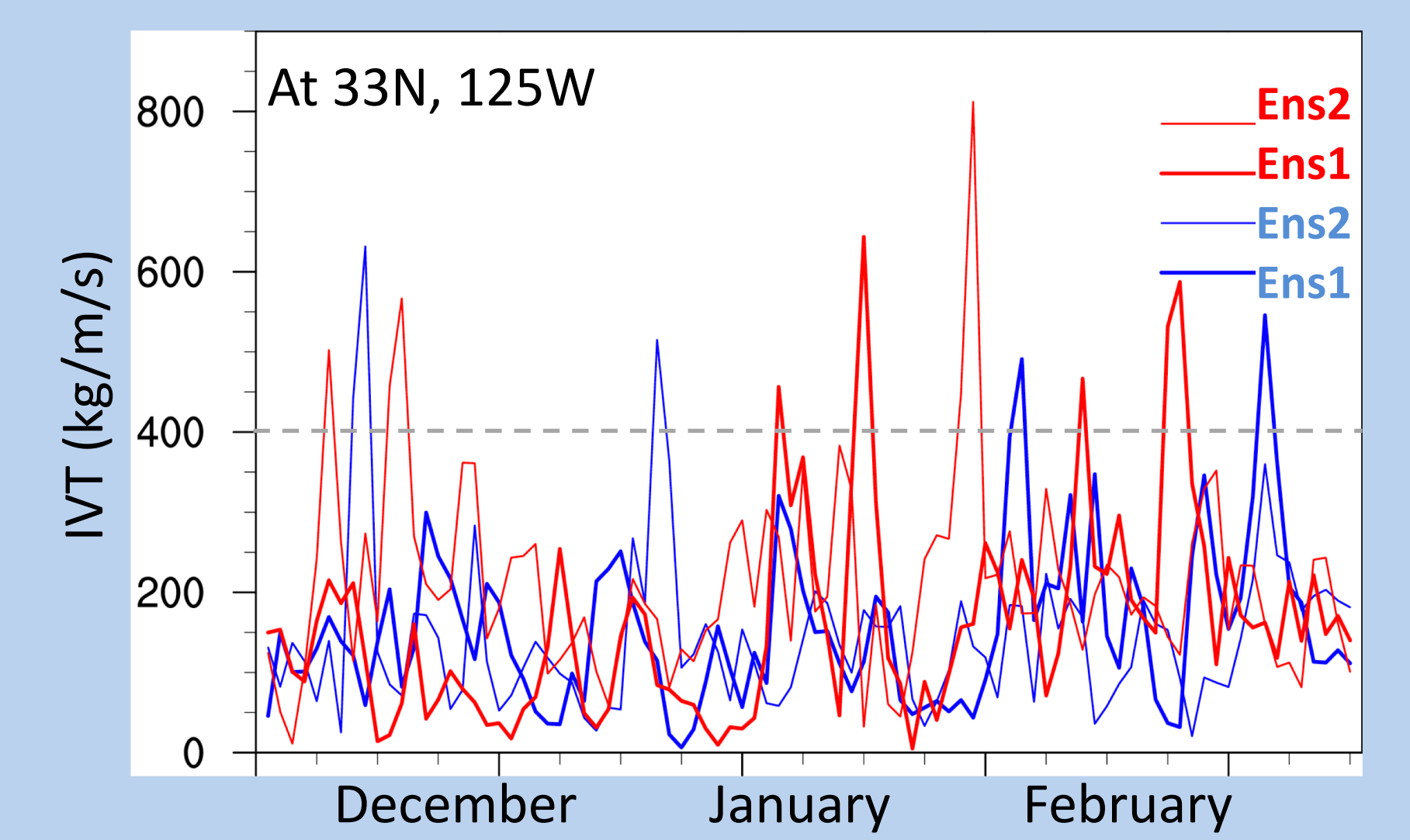


## 4. IPO modifies latitude of AR landfall

**Pacific Northwest:**  
2.3 times the number of strong ARs in -IPO than +IPO



**Southern California:**  
1.8 times the number of strong ARs in +IPO than -IPO



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- This work contributes to the UDECODE (Understanding Decision-Climate Interactions on Decadal Scales) project.
- UDECODE explores the role of decadal climate information for water management decisions.

