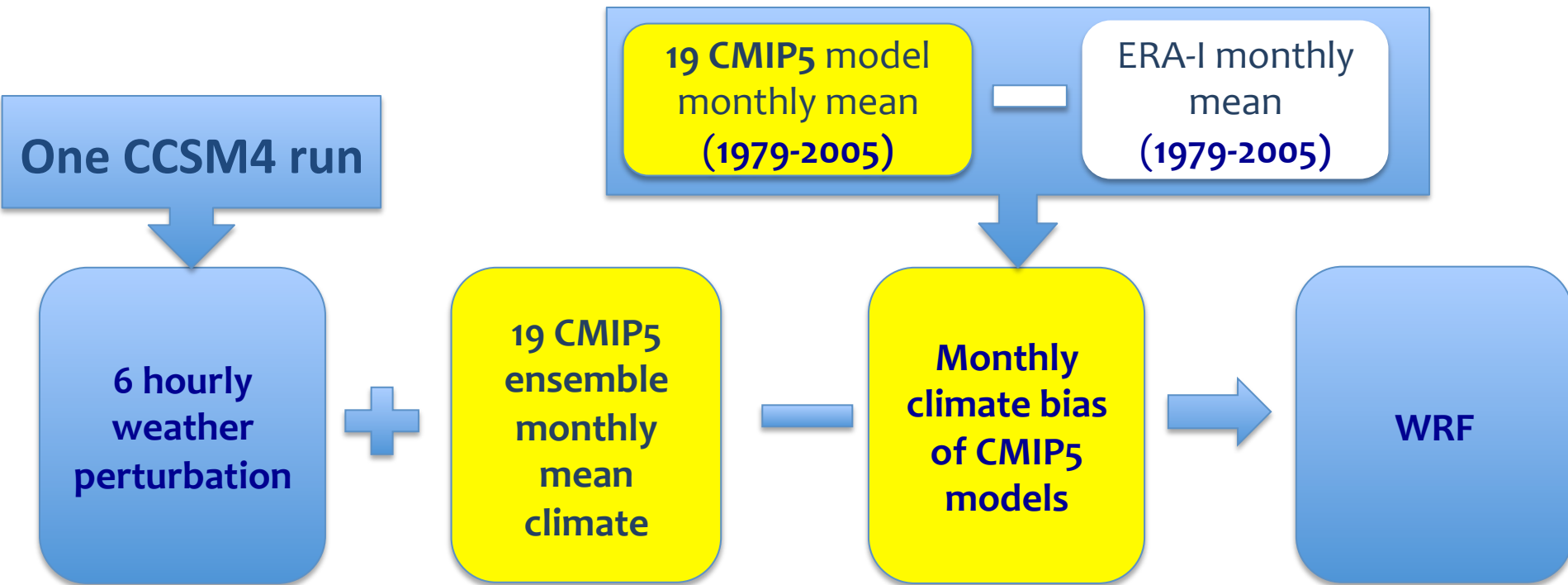


CMIP5-based Simulations Using Merged Forcing

- **Historical period simulation**
 - 20-year integration: 1996 – 2015
- **Future period simulation**
 - 20-year integration: 2080 – 2099
 - Under RCP8.5 scenario

CONUS2 Forcing construction approach



- Forced with weather perturbation from one CCSM4 run plus bias-corrected CMIP5 ensemble mean climate

CONUS1 versus CONUS2 domain size

