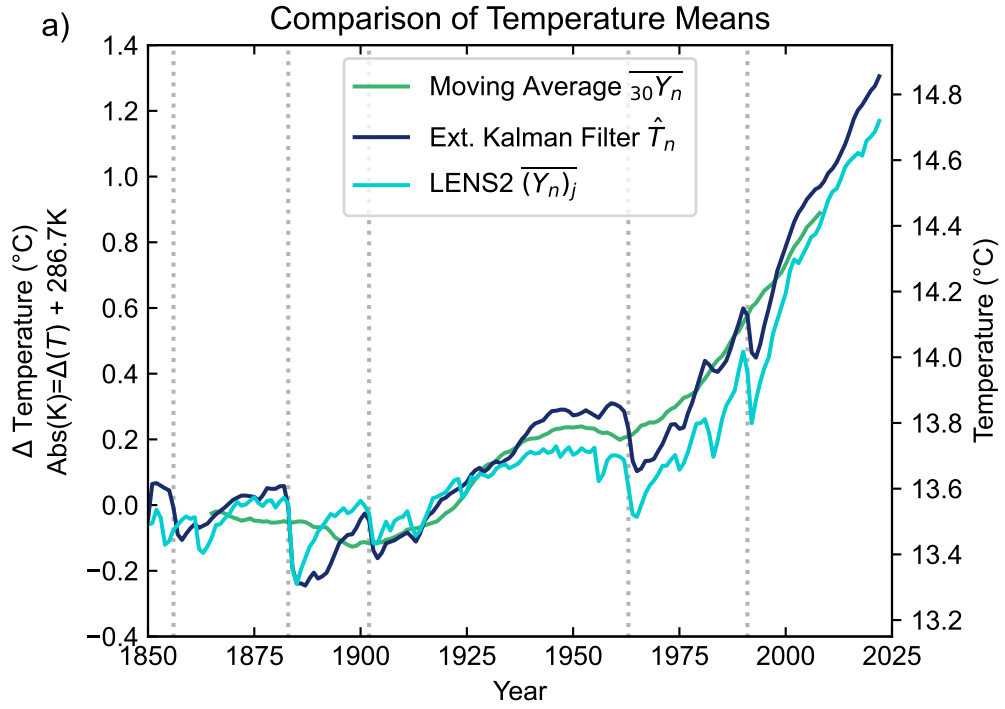
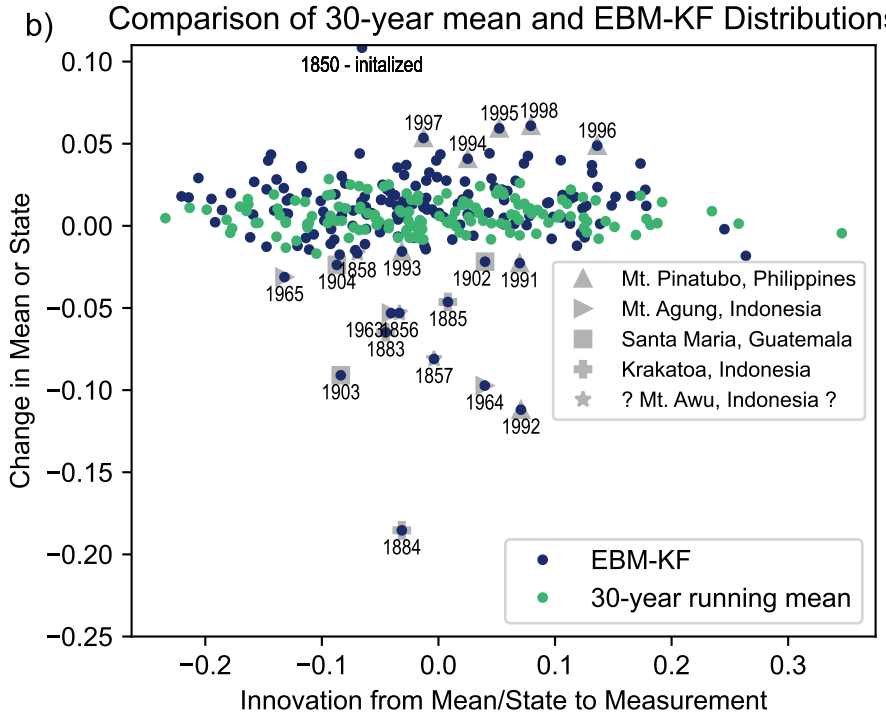

a)
Comparison of Temperature Means
Moving Average $\overline{{}_{30}Y_n}$
Ext. Kalman Filter $\hat{T}_n$
LENS2 $\overline{(Y_n)_j}$
Δ Temperature (°C)
Abs(K)=Δ(T) + 286.7K
Temperature (°C)
Year


b)
Comparison of 30-year mean and EBM-KF Distributions
1850 - initalized
Mt. Pinatubo, Philippines
Mt. Agung, Indonesia
Santa Maria, Guatemala
Krakatoa, Indonesia
? Mt. Awu, Indonesia ?
EBM-KF
30-year running mean
Change in Mean or State
Innovation from Mean/State to Measurement