## **Supporting Information**

VAS PNAS

## Tung and Zhou 10.1073/pnas.1212471110

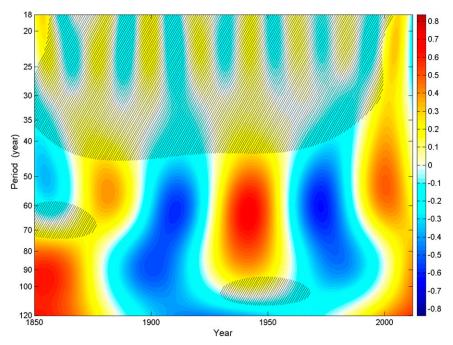


Fig. S1. Wavelet spectrum of the global mean HadCRUT4 temperature, 1850–2011. The hatched areas are below 95% confidence level.

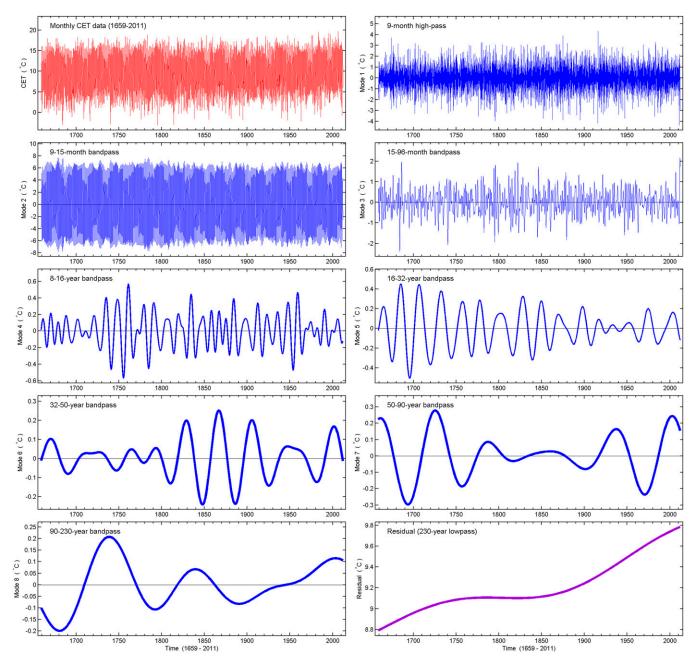


Fig. S2. Wavelet reconstruction of the original time Central England Temperature series is shown in the first panel. The other panels are various band-filtered parts that together reconstruct the original data.