Figure 4. Historical carbon fluxes in China. Results shown are simulated (a) gross primary productivity (GPP) and (b) net ecosystem exchange (NEE) during historical period (1901-2016) using YIBs model (blue), and the comparison with predictions of 14 terrestrial models from TRENDY project (red). The bold lines are ensemble means with red shadings for inter-vegetation-model uncertainties and blue shadings for inter-climate-model uncertainties. All YIBs simulations are driven with daily meteorology from CMIP5 models. All TRENDY simulations are driven with CRUNCEP meteorology. The black line in (a) represents benchmark results of 1980-2011 from Jung et al. (2009). The black point with error bar in (b) represents the synthesis of ground- and model-based estimate of NEE in China by Piao et al. (2009).