

**CHHT 1.0 and future plan in 2011-2015**Qingxiang Li<sup>†</sup>;<sup>†</sup> National Meteorological Information Center, CMA, China, People's Republic ofLeading author: [liqx@cma.gov.cn](mailto:liqx@cma.gov.cn)

The China Homogenized Historical Temperature (CHHT) Dataset (1951-2004) Version 1.0 consists of monthly and daily surface observations from all national stations in mainland China. CHHT 1.0 includes mean, maximum, and minimum temperature data; assessments of data quality; and gridded versions of the three temperature variables. One of the primary goals of CHHT 1.0, released in December 2006, was to build a set of homogenized observational climatic datasets. China is a large country with a large population, located in the East Asian monsoon wind region. China has a huge national surface observational network with (at present) 671 surface stations. In the updating plan, homogenization of surface air temperature data series will be redetected with new and mature methods (and the metadata will play more important role), and the discontinuities parts of series will be readjusted. As to the content, monthly and daily mean, maximum and minimum temperature data (1951-2011) will be updated. In addition, monthly mean, mean maximum and minimum temperature data (1900-2011) will also be considered as an important part of the dataset. During this updating program, advises and comments from inside/outside of data analysis community will be warmly welcomed. For further reading: 1) ALi Q., CZhang H., Chen J., Li W., Liu X. and P. Jones, 2009, A mainland China Homogenized Historical Temperature Dataset of 1951-2004, Bull. Amer. Meteor. Soc. - doi: 10.1175/2009BAMS2736.1 2) ALi Q., Li W., Si P., Gao X., Dong W., Phil Jones and Cao L., 2009 Assessment of surface air warming in northeast China, with emphasis on the impacts of urbanization Theor Appl Climatol DOI 10.1007/s00704-009-0155-4 3) ALi Q., Dong W., Li W., Gao X., Phil Jones, David Parker and John Kennedy 2010 Assessment of the uncertainties in temperature change in China during the last century Chin. Sci. Bull. Volume 55, Number 19, 1974-1982, DOI: 10.1007/s11434-010-3209-1