Erratum to: On the return period of the 2003 heat wave

Arthur Charpentier

Published online: 30 September 2011
© Springer Science+Business Media B.V. 2011

Erratum to: Climatic Change DOI 10.1007/s10584-010-9944-0

In my article, On the return period of the 2003 heat wave, the sentence “*summer of 2003 was by far the hottest summer since 1500*” is wrongly attributed to ‘Luterbacher et al. (2003)’. My probable intent was to cite Casty et al. (2005) which actually states “*the years 1994, 2000, 2002 and particularly 2003 were the warmest since 1500*”. Note that a similar statement can also be found in Stott et al. (2004), “*The summer of 2003 was probably the hottest in Europe since at latest ad 1500*”.

Regarding the statement (in reference to Luterbacher et al., which was actually published in 2004) that “*their estimate of the return period of that event is 250 years*”, the attribution again is incorrect. Such an estimate can be found in Brown et al. (2005), “*best estimate of a 1 in 250 year event*” or Lowe et al. (2004) “*the same event is likely to occur much more frequently; most likely, once every 250 years*”, among others.

I regret these inappropriate attributions and inadequate referencing.

References

- Brown S, Stott P, Clark R, Temperature Extremes (2011) the Past and the Future. Hadley Centre for Climate Prediction and Research Working Paper. [online http://stabilisation.metoffice.com/posters/Brown_Simon.pdf]
- Casty C, Wanner H, Luterbacher J, Esper J, Böhm R (2005) Temperature and precipitation variability in the European Alps since 1500. *Int J Climatol* 25(14):1855–1880, 30 November 2005
- Lowe J, Smith F, Jenkins G, Pope V (2004) Uncertainty, risk and dangerous climate change. Hadley Centre [online <http://cedadocs.badc.rl.ac.uk/247/>]
- Luterbacher J, Dietrich D, Xoplaki E, Grosjean M, Wanner H (2004) European seasonal and annual temperature variability, trends, and extremes since 1500. *Science* 303:1499–1503
- Stott PA, Stone DA, Allen MR (2004) Human contribution to the European heatwave of 2003. *Nature* 432:610–614 (2 December 2004)

The online version of the original article can be found at <http://dx.doi.org/10.1007/s10584-010-9944-0>.

A. Charpentier (✉)
Université Rennes 1, CREM-CREST, 7 place Hoche, 35000 Rennes, France
e-mail: arthur.charpentier@univ-rennes1.fr

A. Charpentier
École Polytechnique, 91128 Palaiseau, cedex, France