

ERRATUM • OPEN ACCESS

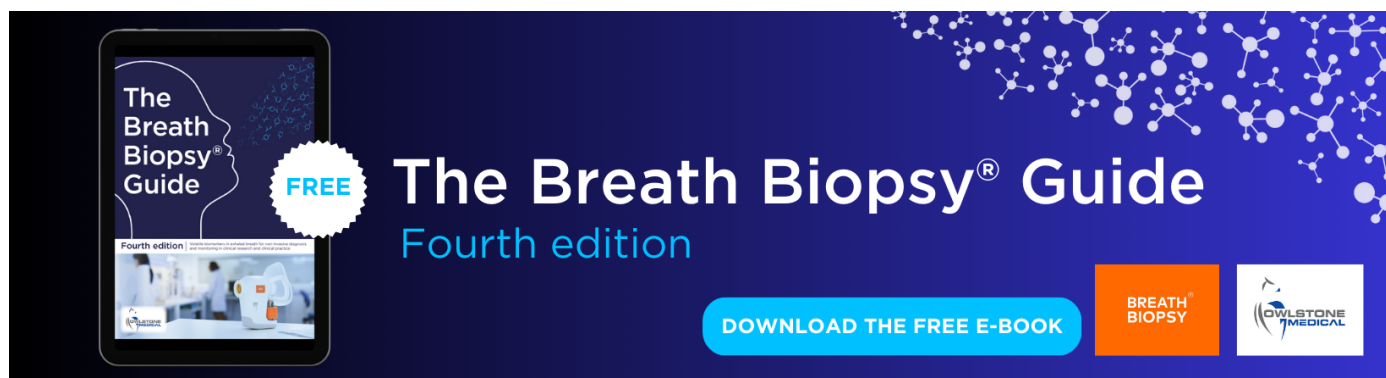
Erratum: Projected squeezing of the wintertime North-Atlantic jet (2018 *Environ. Res. Lett.* [13](#) 074016)

To cite this article: Yannick Peings *et al* 2019 *Environ. Res. Lett.* **14** 049602

View the [article online](#) for updates and enhancements.

You may also like

- [Impacts of national vs European carbon pricing on agriculture](#)
Davit Stepanyan, Claudia Heidecke, Bernhard Osterburg et al.
- [Global gyrokinetic simulations of TEM microturbulence](#)
T Vernay, S Brunner, L Villard et al.
- [Shift in controlling factors of carbon stocks across biomes on the Qinghai-Tibetan Plateau](#)
Daorui Han, Zhongmin Hu, Xuhui Wang et al.



The Breath Biopsy® Guide
Fourth edition

FREE

DOWNLOAD THE FREE E-BOOK

BREATH BIOPSY

OWLSTONE MEDICAL



ERRATUM

OPEN ACCESS

PUBLISHED
17 April 2019

Original content from this work may be used under the terms of the [Creative Commons Attribution 3.0 licence](#).

Any further distribution of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOI.



Erratum: Projected squeezing of the wintertime North-Atlantic jet (2018 *Environ. Res. Lett.* **13** 074016)

Yannick Peings¹ , Julien Cattiaux², Stephen J Vavrus³ and Gudrun Magnusdottir¹

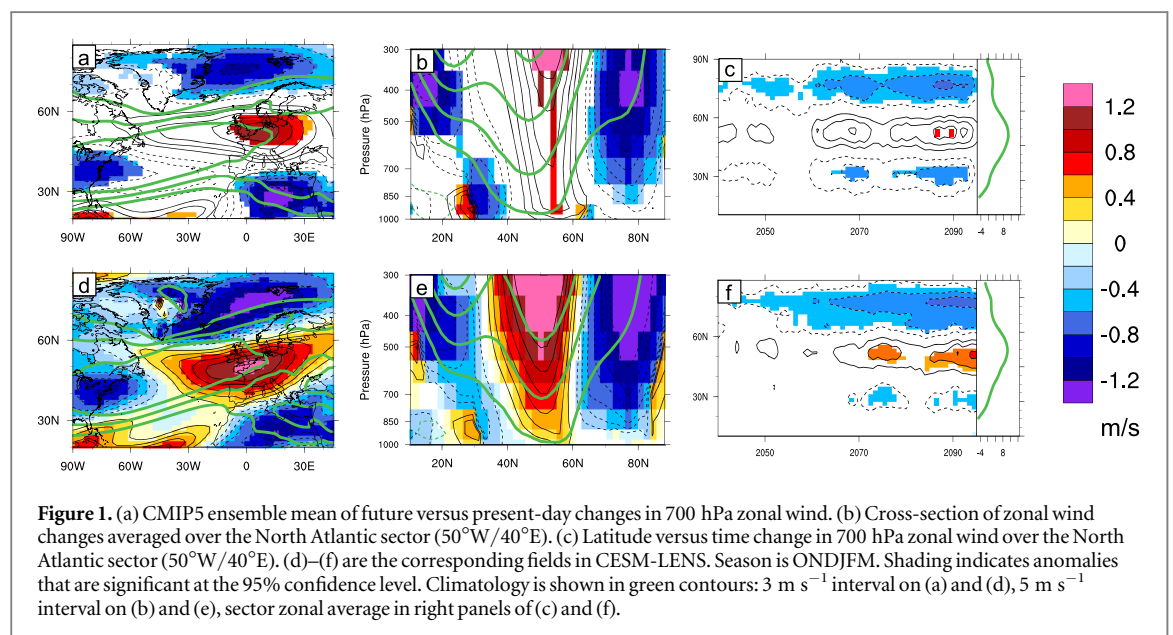
¹ Department of Earth System Science, University of California Irvine, Irvine, CA, United States of America

² Centre National de Recherches Météorologiques, Université de Toulouse, CNRS, Météo-France, Toulouse, France

³ Center for Climatic Research, University of Wisconsin Madison, WI, United States of America

E-mail: yypeings@uci.edu

In the published paper, the quality of the figures has been compromised and so the figures with higher resolution have been added here.



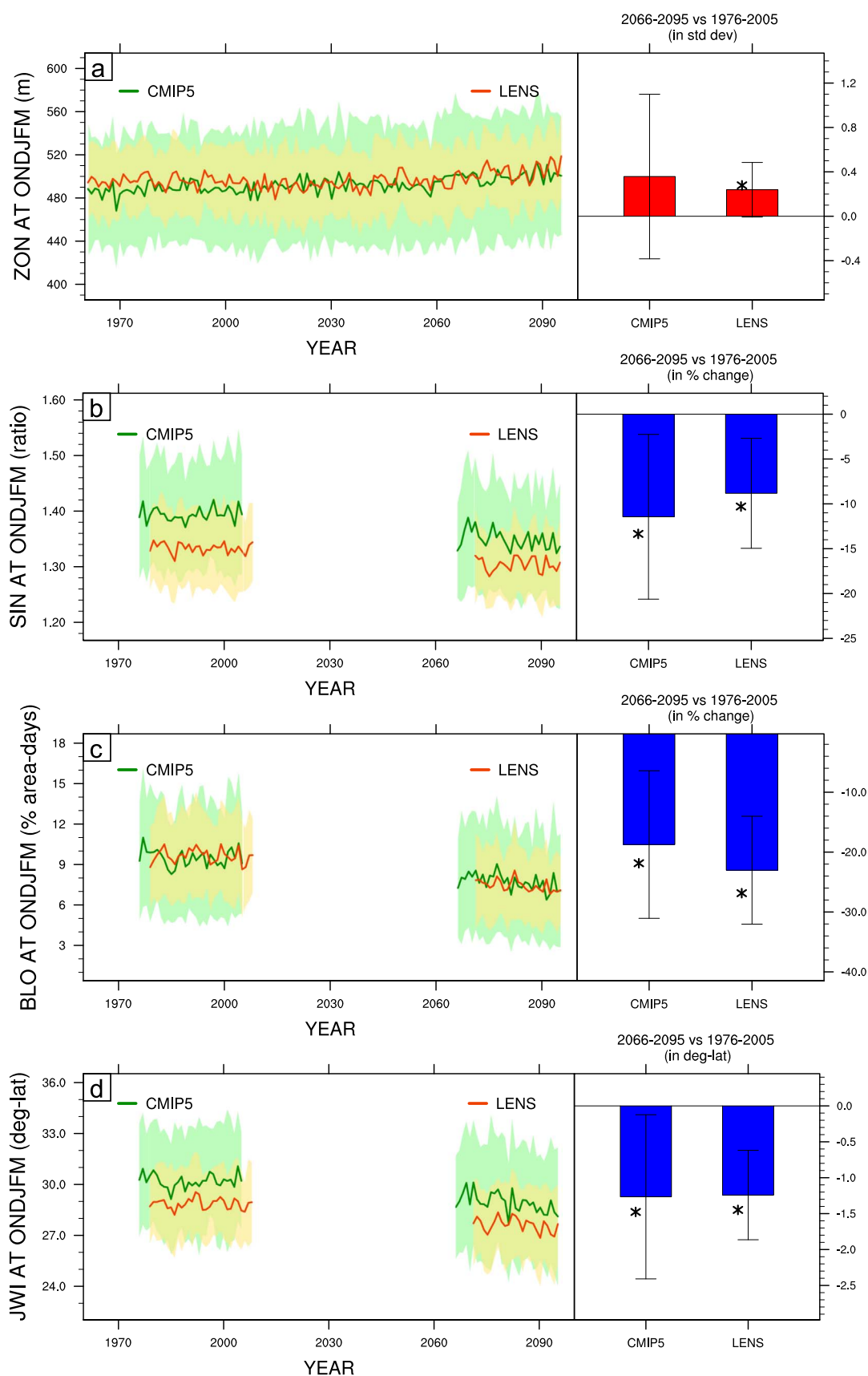
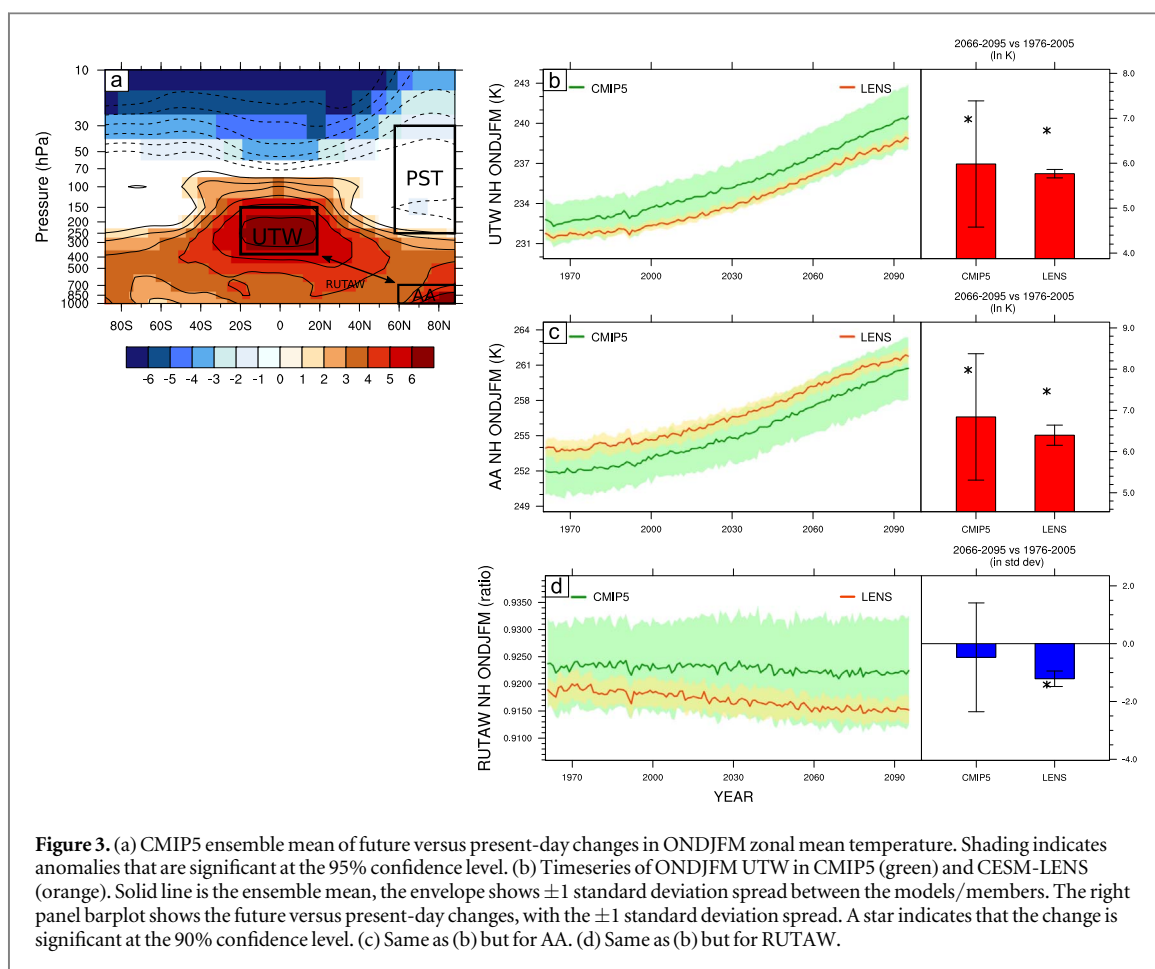


Figure 2. (a) Timeseries of the ONDJFM zonal index over the North Atlantic sector ($50^{\circ}\text{W}/40^{\circ}\text{E}$) in CMIP5 (green) and CESM-LENS (orange). Solid line is the ensemble mean, the envelope shows ± 1 standard deviation spread between the models/members. The right panel shows the future versus present-day relative changes in %, with the ± 1 standard deviation spread. A star indicates that the change is significant at the 90% confidence level. (b) Same as (a) but for sinuosity (relative future versus present-day changes are given, in %). (c) Same as (a) but for the blocking index. (d) Same as (a) but for the jet width index (future versus present-day changes are given in degree of latitude). ZON is computed from monthly data downloaded for the whole period. SIN, BLO and JWJ are computed from daily data downloaded for two time slices.



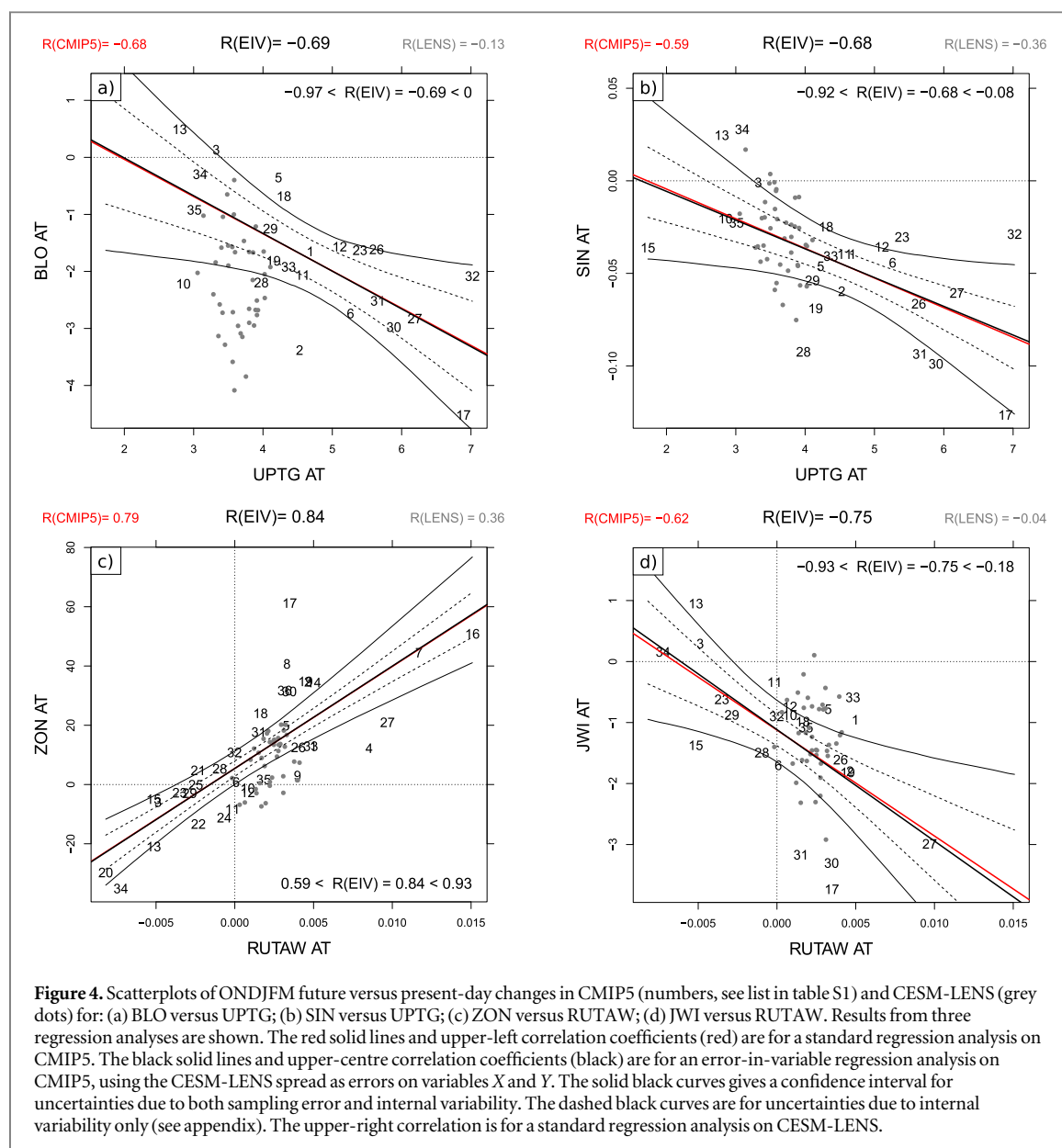


Figure 4. Scatterplots of ONDJFM future versus present-day changes in CMIP5 (numbers, see list in table S1) and CESM-LENS (grey dots) for: (a) BLO versus UPTG; (b) SIN versus UPTG; (c) ZON versus RUTAW; (d) JWI versus RUTAW. Results from three regression analyses are shown. The red solid lines and upper-left correlation coefficients (red) are for a standard regression analysis on CMIP5. The black solid lines and upper-centre correlation coefficients (black) are for an error-in-variable regression analysis on CMIP5, using the CESM-LENS spread as errors on variables X and Y. The solid black curves give a confidence interval for uncertainties due to both sampling error and internal variability. The dashed black curves are for uncertainties due to internal variability only (see appendix). The upper-right correlation is for a standard regression analysis on CESM-LENS.

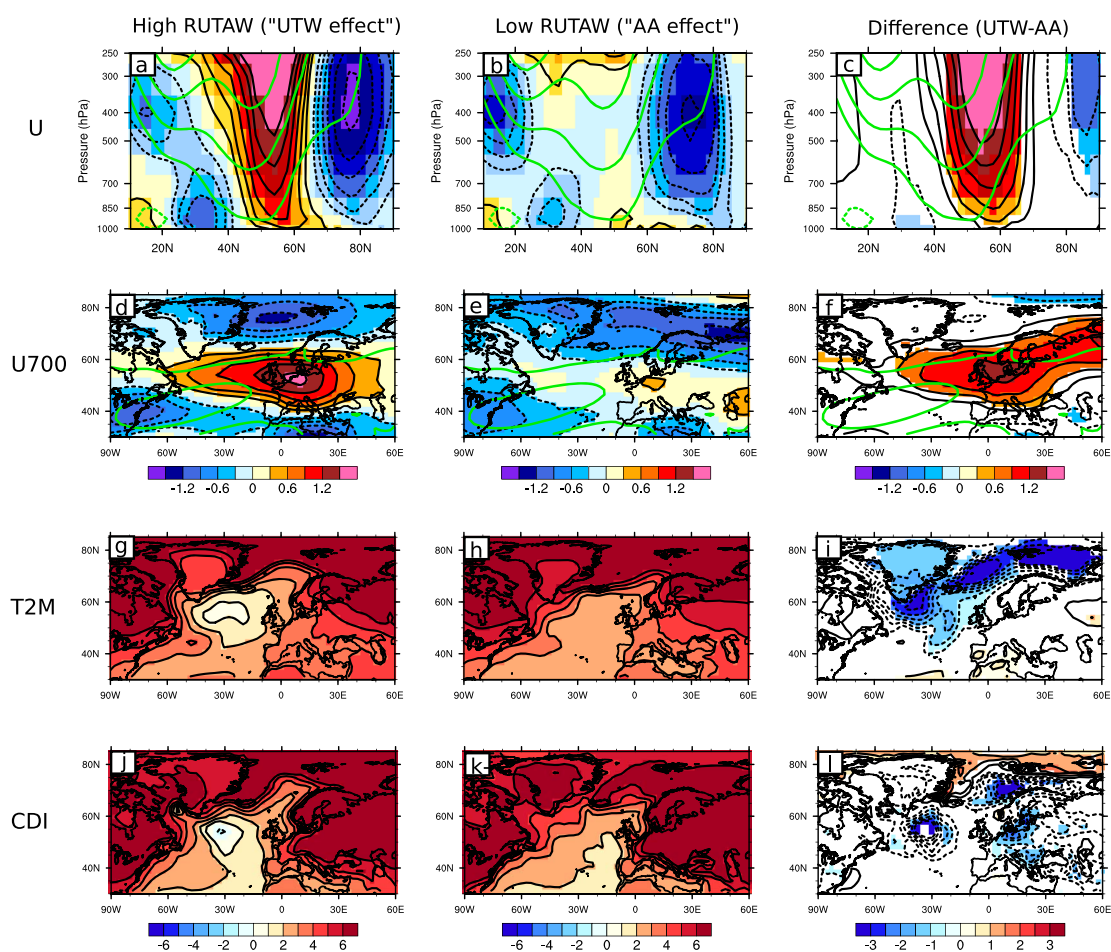


Figure 5. (a) Composite of ONDJFM change in winter zonal wind over the North Atlantic sector for CMIP5 models with a high RUTAW ('UTW effect'). Shading indicate anomalies that are significant at the 95% confidence level. Climatology is in green contours (5 m s^{-1} interval). (b) Same as (a) but for CMIP5 models with a low RUTAW ('AA effect'). (c) Difference between (a) and (b), i.e. high minus low RUTAW models. (d)–(f) Same as (a)–(c) but for zonal wind at 700 hPa (climatology: 6 m s^{-1} interval). (g)–(i) Same as (d)–(f) but for 2 m temperature. (j)–(l) Same as (d)–(f) but for cold days intensity.

ORCID iDs

Yannick Peings  <https://orcid.org/0000-0001-6852-7333>