



HAL
open science

Erratum to: Drivers and mechanisms for enhanced summer monsoon precipitation over East Asia during the mid-Pliocene in the IPSL-CM5A (vol 46, pg 1437, 2016)

Yong Sun, Tianjun Zhou, Gilles Ramstein, Camille Contoux, Zhongshi Zhang

► **To cite this version:**

Yong Sun, Tianjun Zhou, Gilles Ramstein, Camille Contoux, Zhongshi Zhang. Erratum to: Drivers and mechanisms for enhanced summer monsoon precipitation over East Asia during the mid-Pliocene in the IPSL-CM5A (vol 46, pg 1437, 2016). *Climate Dynamics*, 2016, 46 (5-6), pp.2027. 10.1007/s00382-015-2788-6 . hal-01758975

HAL Id: hal-01758975

<https://hal.science/hal-01758975>

Submitted on 21 Dec 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Erratum to: Drivers and mechanisms for enhanced summer monsoon precipitation over East Asia during the mid-Pliocene in the IPSL-CM5A

Yong Sun^{1,2} · Tianjun Zhou^{1,2} · Gilles Ramstein³ · Camille Contoux⁴ · Zhongshi Zhang^{5,6}

Published online: 29 August 2015
 © Springer-Verlag Berlin Heidelberg 2015

Erratum to: Clim Dyn DOI 10.1007/s00382-015-2656-4

There are some mathematic expression problems in this paper due to proofing errors. Now I write an erratum to correct the mathematic derivation as listed in the table. In addition, p should have been subscript in all the C_p relevant terms (i.e., C_p).

The online version of the original article can be found under doi:[10.1007/s00382-015-2656-4](https://doi.org/10.1007/s00382-015-2656-4).

✉ Tianjun Zhou
 zhoutj@lasg.iap.ac.cn

- ¹ State Key Laboratory of Numerical Modeling for Atmospheric Sciences and Geophysical Fluid Dynamics, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing 100029, China
- ² Joint Center for Global Change Studies (JCGCS), Beijing 100875, China
- ³ Laboratoire des Sciences du Climat et de l'Environnement/ IPSL, CEA-CNRS-UVSQ, Gif-Sur-Yvette, France
- ⁴ Aix-Marseille Université, CNRS, IRD, CEREGE UM34, Aix-En-Provence, France
- ⁵ Bjerknes Centre for Climate Research, Uni Research Climate, Allégaten 70, 5007 Bergen, Norway
- ⁶ Nansen-Zhu International Research Centre, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing 100029, China

| Position | Incorrect | Correct |
|------------------------------------|--|---|
| The left half page P9 Line 12 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The left half page P9 Line 13 | $-\langle -L_v \bar{V} \cdot \nabla \bar{q} \rangle$ | $-\langle L_v \bar{V} \cdot \nabla \bar{q} \rangle$ |
| The right half page P9 Line 2 | $-\langle -L_v \bar{V} \cdot \nabla \bar{q} \rangle$ | $-\langle L_v \bar{V} \cdot \nabla \bar{q} \rangle$ |
| The right half page P9 Line 7 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The right half page P9 Line 12 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The right half page P9 Line 16 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The left half page P10 Line 4 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The left half page P10 Line 6 | $-\langle -L_v \bar{V} \cdot \nabla \bar{q} \rangle$ | $-\langle L_v \bar{V} \cdot \nabla \bar{q} \rangle$ |
| The left half page P10 Line 9 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The left half page P10 Line 14 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The left half page P10 Line 17 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The right half page P10 Line 1 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The right half page P10 Line 19 | $-\langle -C_p \bar{V} \cdot \nabla \bar{T} \rangle$ | $-\langle C_p \bar{V} \cdot \nabla \bar{T} \rangle$ |
| The right half page P11 Line 14 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |
| The left half page P12 Line 5 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |
| The right half page P12 Line 8 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |
| The right half page P12 Line 11 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |
| The right half page P17 Line 53 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |
| The right half page P18 Line 2 | $-\langle -C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ | $-\langle C_p \bar{V}^* \cdot [\partial \bar{T}_y] \rangle$ |