



Tellus B

Chemical and Physical Meteorology

Correction: The Transition from Aerosol- to Updraft-Limited Susceptibility Regime in Large-Eddy Simulations with Bulk Microphysics

CORRIGENDUM

MATTHIAS SCHWARZ

JULIEN SAVRE

DIPU SUDHAKAR

JOHANNES QUAAS

ANNICA M. L. EKMAN

**Author affiliations can be found in the back matter of this article*



STOCKHOLM
UNIVERSITY PRESS

ABSTRACT

This article details corrections to: Schwarz, M, Savre, J, Sudhakar, D, Quaas, J and Ekman, AML. 2024. The Transition from Aerosol- to Updraft-Limited Susceptibility Regime in Large-Eddy Simulations with Bulk Microphysics. *Tellus B: Chemical and Physical Meteorology*, 76(1): 32–46. DOI: <https://doi.org/10.16993/tellusb.94>

This article has been corrected here:
<https://doi.org/10.16993/tellusb.94>

CORRESPONDING AUTHOR:
Annica M. L. Ekman

Department of Meteorology,
Stockholm University,
Stockholm 106 91, Sweden;
Bolin Centre for Climate
Research, Stockholm 106 91,
Sweden

annica@misu.su.se

KEYWORDS:

large-eddy simulation;
stratocumulus; cloud
microphysics; aerosols; climate

TO CITE THIS ARTICLE:

Schwarz, M., Savre, J.,
Sudhakar, D., Quaas, J.
and Ekman, A.M.L. 2025.
Correction: The Transition from
Aerosol- to Updraft-Limited
Susceptibility Regime in Large-
Eddy Simulations with Bulk
Microphysics. *Tellus B: Chemical
and Physical Meteorology*,
77(1): 18–19. DOI: <https://doi.org/10.16993/tellusb.1890>

Correction to Schwarz, M, Savre, J, Sudhakar, D, Quaas, J and Ekman, AML. 2024.

In the article “The Transition from Aerosol- to Updraft-Limited Susceptibility Regime in Large-Eddy Simulations with Bulk Microphysics”, *Tellus B: Chemical and Physical Meteorology*, 76(1): 32–46. DOI: <https://doi.org/10.16993/tellusb.94> there was an error in the introduction of the manuscript (page 33 in the issue), In the sentence “However, the susceptibility, $\beta = \ln N_d / \ln N_a$, does not depend only on N_a .” The formula is unfortunately incorrect and should be $\beta = d \ln N_d / d \ln N_a$.

COMPETING INTERESTS

The authors have no competing interests to declare.

AUTHOR AFFILIATIONS

Matthias Schwarz  orcid.org/0000-0002-0043-3522

Department of Meteorology, Stockholm University, Stockholm 106 91, Sweden; GeoSphere Austria, Vienna, Austria

Julien Savre  orcid.org/0000-0003-3104-6987

Meteorological institute, Fakultät für Physik, Ludwig, Maximilians, Universität, 80539 München, Germany

Dipu Sudhakar  orcid.org/0000-0003-4514-8968

Institute for Meteorology, Universität Leipzig, Leipzig, Germany

Johannes Quaas  orcid.org/0000-0001-7057-194X

Institute for Meteorology, Universität Leipzig, Leipzig, Germany

Annica M. L. Ekman  orcid.org/0000-0002-5940-2114

Department of Meteorology, Stockholm University, Stockholm 106 91, Sweden; Bolin Centre for Climate Research, Stockholm 106 91, Sweden

TO CITE THIS ARTICLE:

Schwarz, M., Savre, J., Sudhakar, D., Quaas, J. and Ekman, A.M.L. 2025. Correction: The Transition from Aerosol- to Updraft-Limited Susceptibility Regime in Large-Eddy Simulations with Bulk Microphysics. *Tellus B: Chemical and Physical Meteorology*, 77(1): 18–19. DOI: <https://doi.org/10.16993/tellusb.1890>

Submitted: 25 September 2025 **Accepted:** 25 September 2025 **Published:** 10 October 2025

COPYRIGHT:

© 2025 The Author(s). This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC-BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See <http://creativecommons.org/licenses/by/4.0/>.

Tellus B: Chemical and Physical Meteorology is a peer-reviewed open access journal published by Stockholm University Press.

