

Response to the editor

(HDM-Plot: a plot dataset of plant communities across three-dimensional zonal vegetation in the Hengduan Mountains and adjacent regions, southwestern China)

(essd-2026-204)

Dear Topic Editor,

Thank you very much for your positive decision and helpful suggestions on our manuscript. We have addressed the remaining issues raised by the editor and reviewer. Detailed responses and the corresponding changes are provided in the point-by-point response below. All changes made in this revision are highlighted in red in the marked-up version of the revised manuscript. We hope that the revised manuscript now meets the requirements for publication in *Earth System Science Data*.

Sincerely,

Yili Jin (yili01@zjnu.edu.cn) and Jian Ni (nijian@zjnu.edu.cn)

On behalf of all co-authors

Comment 1: *The authors have been satisfactorily addressed the issues provided by the reviewer. One of the review suggested that the data should be move to a more convenient platform. That is a good suggest should be conducted.*

Response: Thank you for this helpful suggestion. We have deposited the dataset in Figshare, where it is publicly available at <https://doi.org/10.6084/m9.figshare.32706207>. At the same time, we have retained the record in the National Tibetan Plateau / Third Pole Environment Data Center (TPDC), because TPDC is a well-established platform for data related to the Tibetan Plateau and adjacent regions. The Abstract, Data availability, and Reference list have been updated accordingly.

Lines 31–32 (in the marked-up version of the revised manuscript). “The dataset is available from Figshare (Jin et al., 2026a; <https://doi.org/10.6084/m9.figshare.32706207>) and through the National Tibetan Plateau / Third Pole Environment Data Center (Jin et al., 2026b; <https://doi.org/10.11888/Terre.tpdc.303394>).”

Lines 617–619. “The dataset is publicly available from Figshare (Jin et al., 2026a; <https://doi.org/10.6084/m9.figshare.32706207>) and through the National Tibetan Plateau / Third Pole Environment Data Center (Jin et al., 2026b; <https://doi.org/10.11888/Terre.tpdc.303394>).”

Lines 766–768. “Jin, Y. L., Yang, L. Y. Y., Hu, X. F., Yang, C., Xia, H. J., Hou, Y., Wu, K., Mao, X.

X., Ni, J.: A plot-based plant community dataset in the Hengduan Mountains and adjacent regions (2022-2024), Figshare, <https://doi.org/10.6084/m9.figshare.32706207>, 2026a.”

Line 772. “Jin, Y. L., Yang, L. Y. Y., Hu, X. F., Yang, C., Xia, H. J., Hou, Y., Wu, K., Mao, X. X., Ni, J.: A plot-based plant community dataset in the Hengduan Mountains (2022-2024), National Tibetan Plateau / Third Pole Environment Data Center, <https://doi.org/10.11888/Terre.tpd.c.303394>, 2026b.”

Comment 2: Please ensure that the colour schemes used in your maps and charts allow readers with colour vision deficiencies to correctly interpret your findings. Please check your figures using the Coblis Color Blindness Simulator (<https://www.color-blindness.com/coblis-color-blindness-simulator/>) and revise the colour schemes accordingly. -->Fig. 8

Response: Thank you for this important suggestion. We have checked Figure 8 and revised its color scheme to improve readability for readers with color vision deficiencies.

Lines 459–460.

