

Author Response on “Atmospheric brown clouds reach the Tibetan Plateau by crossing the Himalayas” by Z. L. Lüthi et al.

Dear authors

Since the present study is based on limited cases, a caveat needs to be applied to the conclusion. I would suggest that you include one sentence in the abstract to clarify this. The manuscript will then be accepted for publication in ACP.

Sincerely

Yafang Cheng

Thank you, Yafang Cheng, for this valuable input. We have modified the conclusions (the last three paragraphs) to state this fact more clearly. For example, we write:

“The findings from the meteorological analysis could be used to put the presented case study into a climatological perspective, i.e. to quantify the frequency of such events. Such an analysis is required to quantify the total impact of cross-Himalayan pollution transport on the HTP.”

Also, we have added one sentence at the end of the abstract:

“Since the current study focuses on one particularly strong pollution episode, quantifying the frequency and magnitude of similar events in a climatological study is required to assess the total impact.”