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Atmospheric Chemistry and Physics Discussions

Interactive comment on "Variations in surface ozone and carbon monoxide in the Kathmandu Valley and surrounding broader regions during SusKat-ABC field campaign: Role of local and regional sources" *by* Piyush Bhardwaj et al.

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Rupakheti et al (2016) reported the ambient concentration of BC, PM, CO and Ozone in Lumbini (regional site of SusKat campaign) during April-June 2013. Two episodes were observed (7-9th April and 3-4th May) during the measurement period which were proved (using HYSPLIT) to be influenced by the air masses travelling over the open burning in NW IGP region. During these events all measured species exhibited peaks. We would like to request the authors to include the findings from our study in the context that enriched concentration were also observed over Lumbini (like Bode) because of

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the emission from open burning over NW IGP.

Reference: Rupakheti, D., Adhikary, B., Praveen, P. S., Rupakheti, M., Kang, S., Mahata, K. S., Naja, M., Zhang, Q., Panday, A. K., and Lawrence, M. G.: Pre-monsoon air quality over Lumbini, a world heritage site along the Himalayan foothills, Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2016-430, in review, 2016 (Accepted for ACP).

Regards Dipesh Rupakheti and Shichang Kang

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