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Room:202

Time:May 23 15:30-15:45

Challenges for the long-term observation of land-atmosphere interactions

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The presentation introduces challenges of hydro-meteorological observations in Nepal/Himalayas and Tsukuba city to evaluate the land-atmosphere interactions within a sub-grid scale area with multiple components.

References

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Ueno K., K. Toyotsu, L. Bertolani and G. Tartari, 2008a: Stepwise onset of monsoon weather observed in the Nepal Himalayas. *Mon. Wea. Rev.*, 136, 2507-2522.

Ueno K., T. Morimoto, S. Sugimoto, J. Asanuma, S. Haginoya, K. Takahashi, N. Okawara, A. Shimizu, K. Dairaku, M. Mano, and A. Miyata, 2008b: Establishment of CEOP Tsukuba reference site. *Tsukuba Geoenvironmental Sciences*, 4, 17-20.

Keywords: Mountain meteorology, local circulation, land-atmosphere interaction, precipitation system, energy budget, long-term observation