



Figure S1. Seasonal average diurnal variation of wind speed (WS), relative humidity (RH) and water vapor (H_2O) at the three I-AMICA sites. Dashed areas denote the 96% confidence levels. Time is expressed in local time (UTC+1).

The influence of the sea-land breeze wind regime (at CGR and LMT) and PBL dynamic (at ECO) can be easily recognized by the typical seasonal diurnal variations of wind speed, relative humidity and water vapor.