

Supplement of

Tropical tropospheric ozone and carbon monoxide distributions: characteristics, origins and control factors, as seen by IAGOS and IASI

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S1 CO emissions

S1.1 Biomass burning

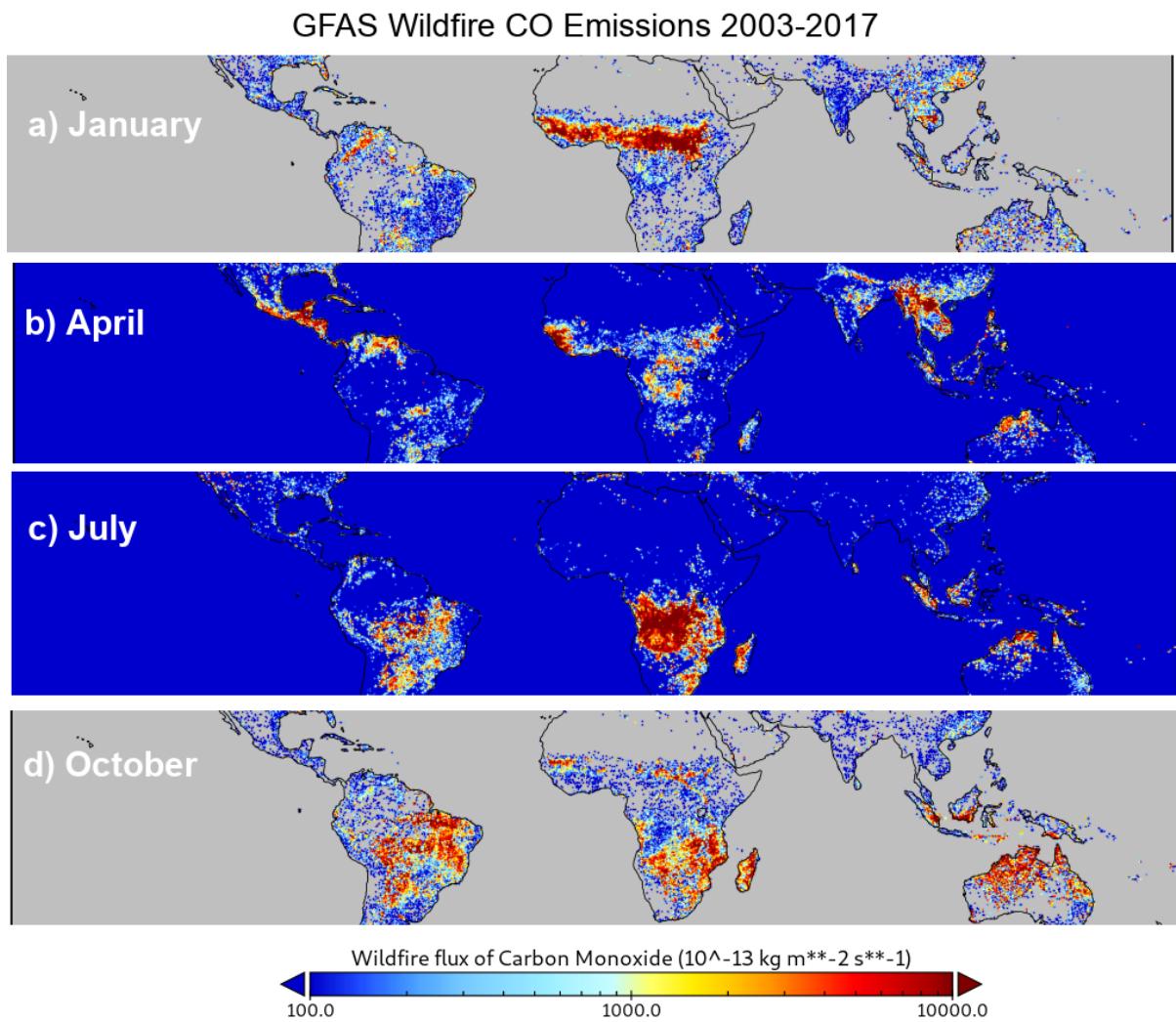


Figure S1. GFAS BB CO emissions (in $\text{kg m}^{-2} \text{s}^{-1}$) averaged from 2003 to 2017.

S1.2 Anthropogenic

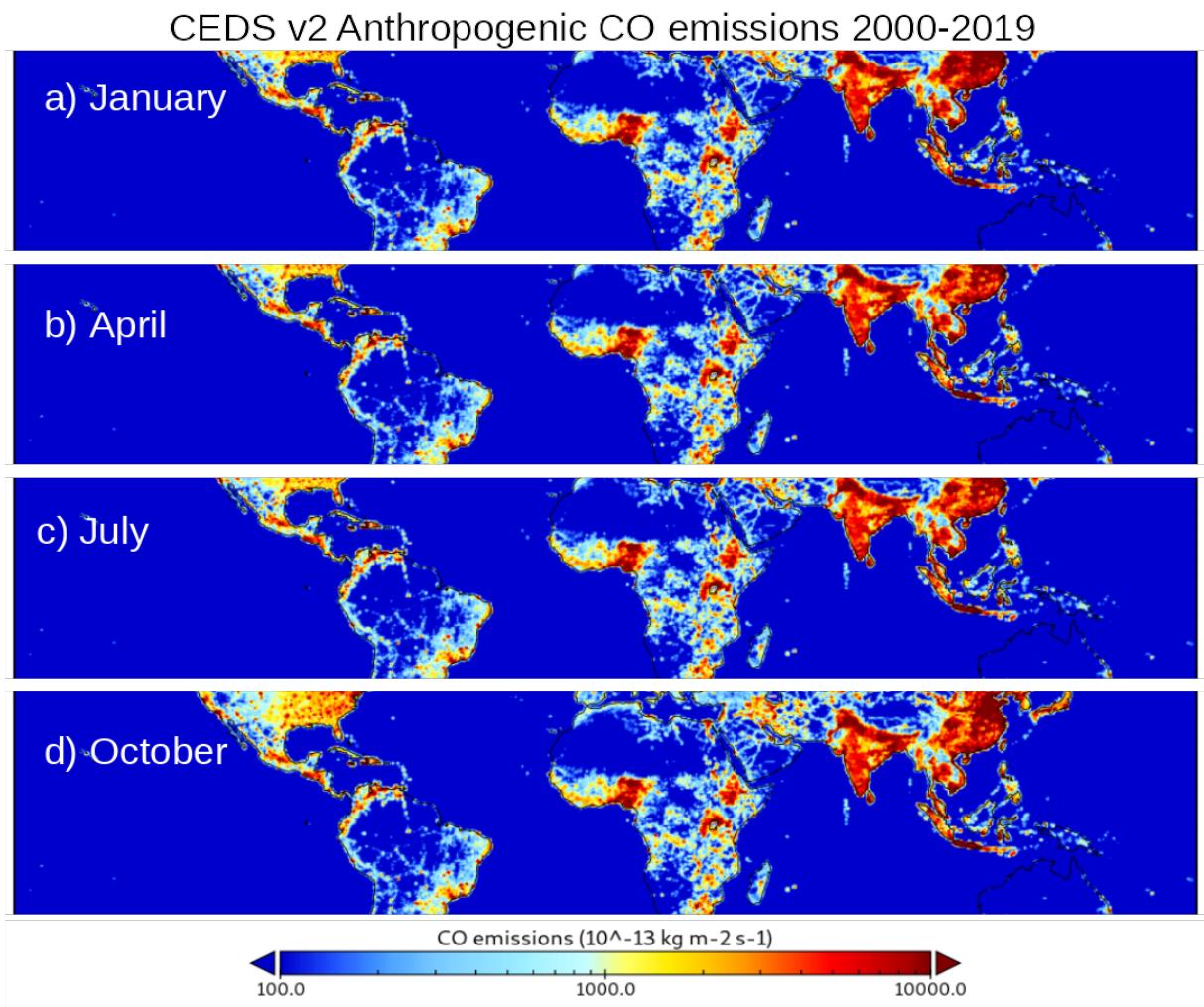


Figure S2. CEDS AN CO emissions (in $\text{kg m}^{-2} \text{s}^{-1}$) averaged from 2000 to 2019.

5 S2 Winds

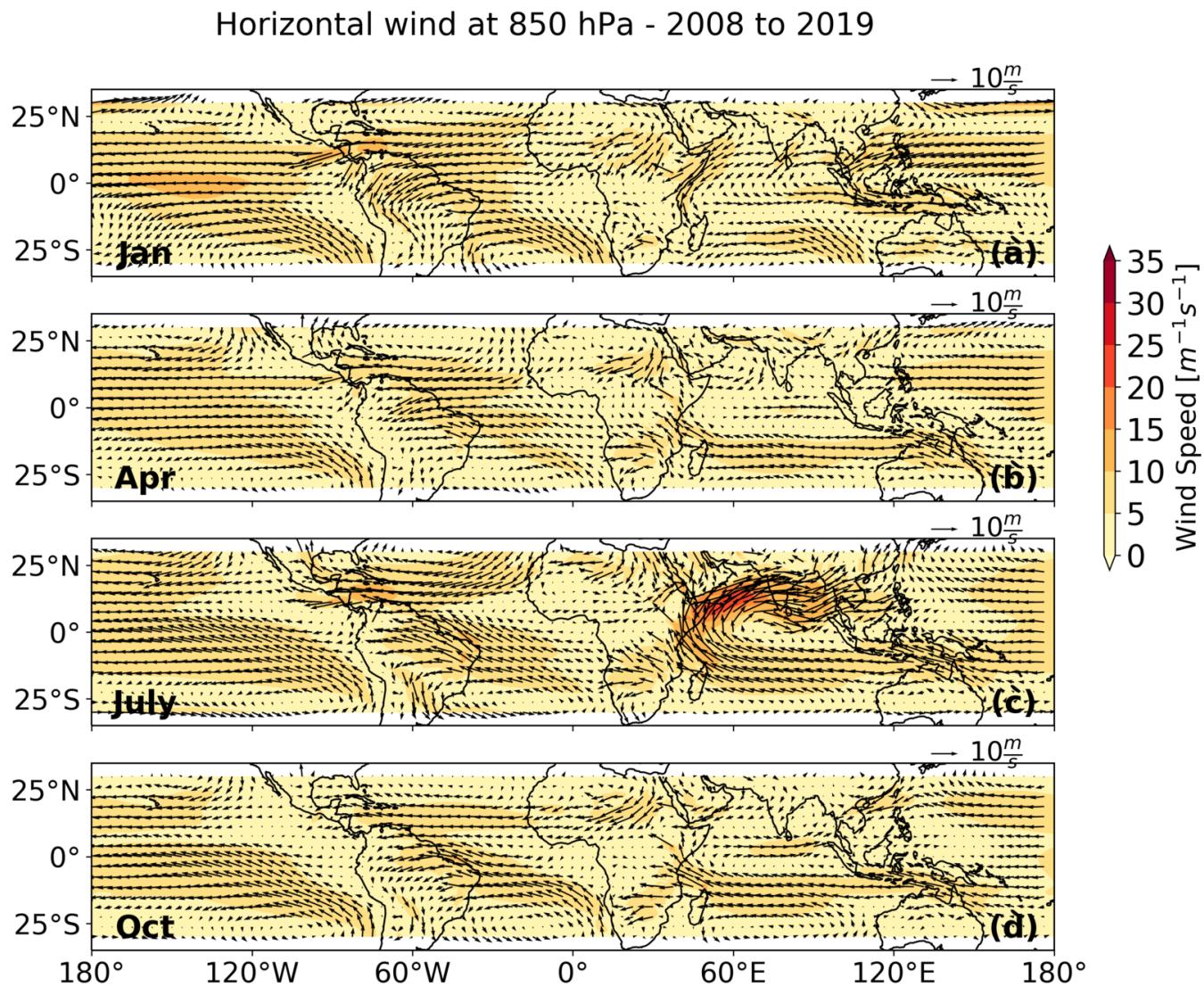


Figure S3. ECMWF Reanalysis 5th Generation (ERA5) wind vectors at 850 (a–d), 550 (e–h) and 250 (i–l) hPa averaged from 2008 to 2020 at 0.25x0.25° resolution.

Horizontal wind at 550 hPa - 2008 to 2019

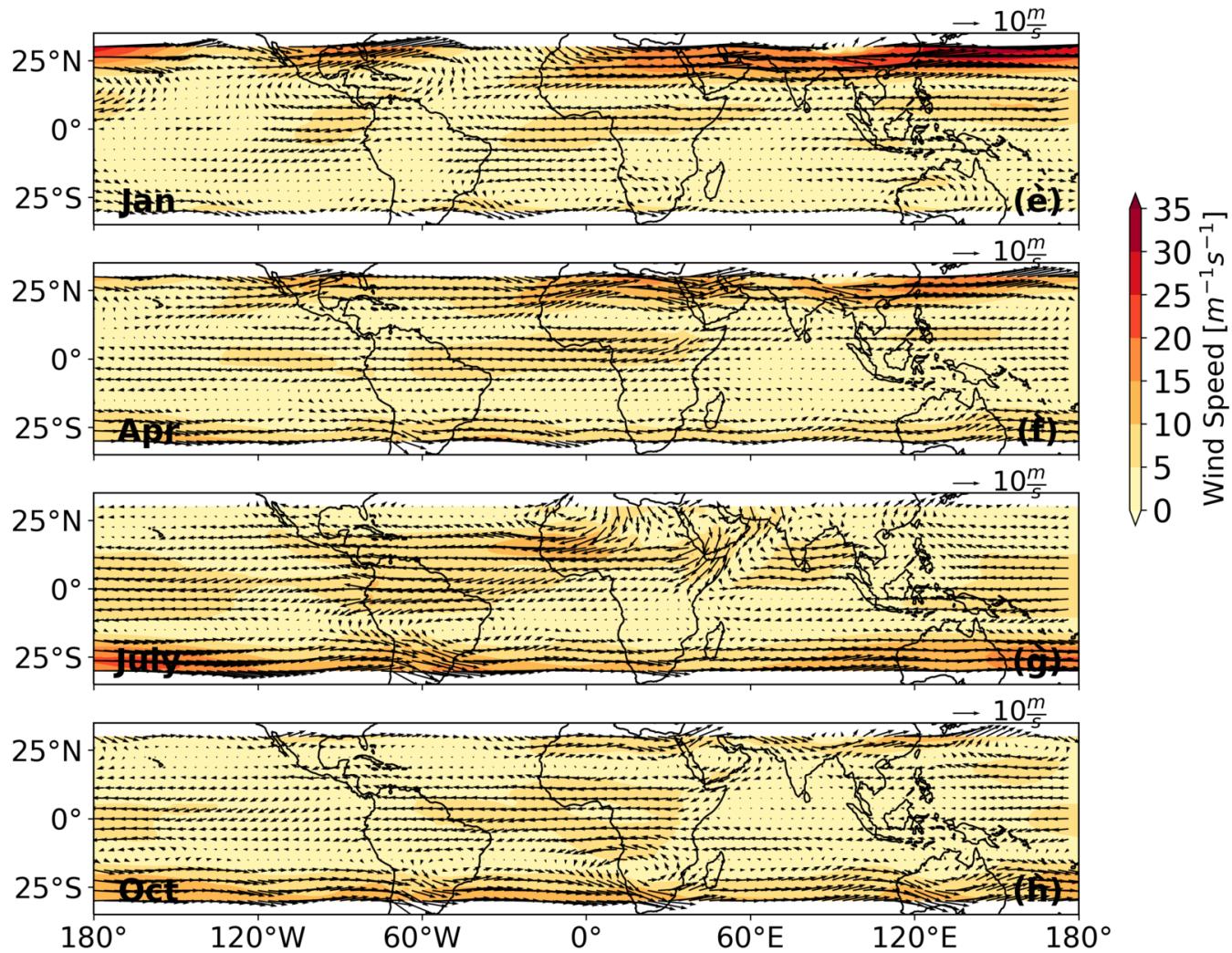


Figure S3. Continued.

Horizontal wind at 250 hPa - 2008 to 2019

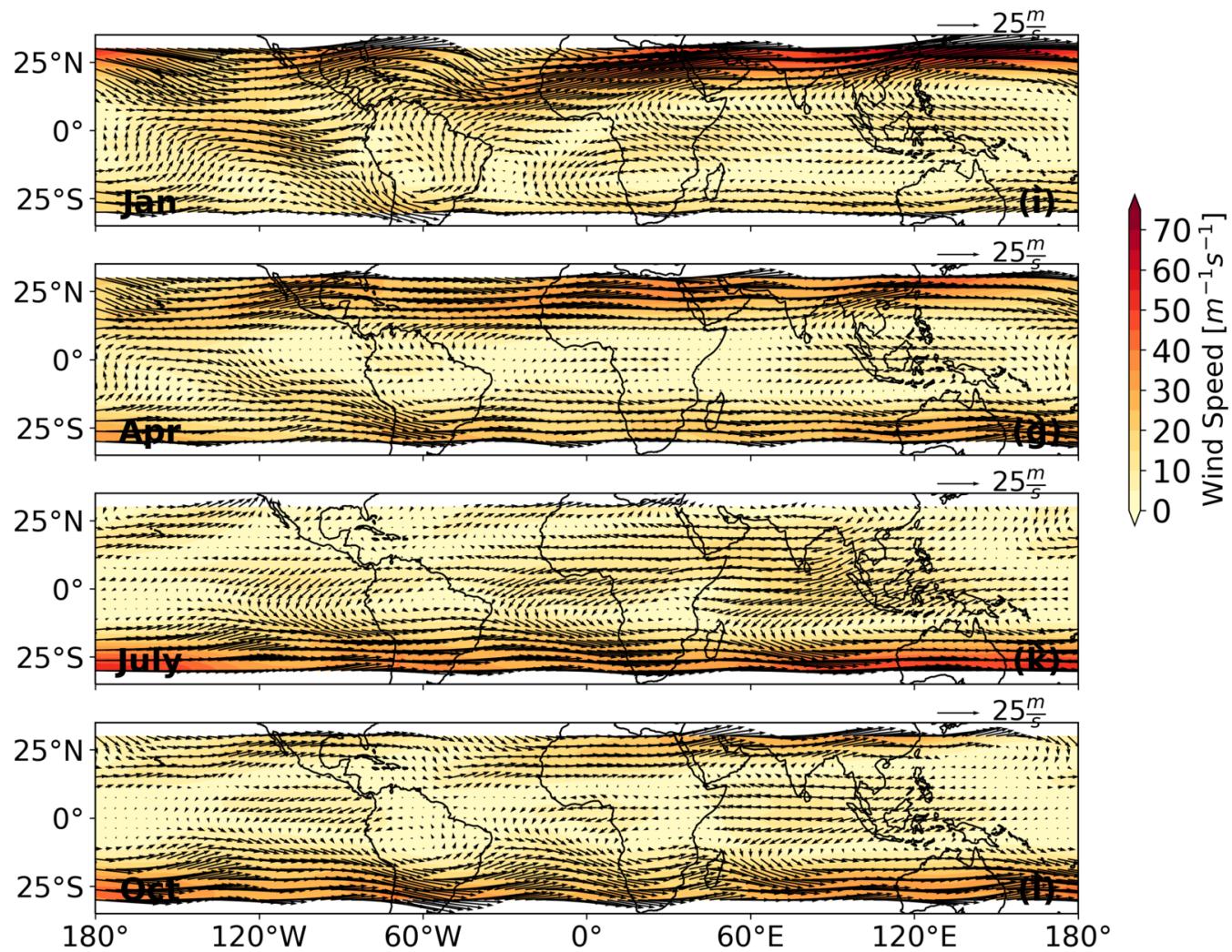


Figure S3. Continued.