



WASTE FOR ALL
SDG

HOLISTIC WASTE
MANAGEMENT

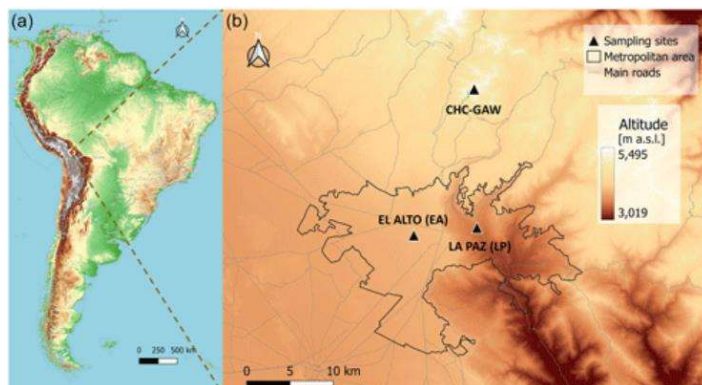


BOLIVIA - El Alto &
La Paz



Open-burning & Air quality

El Alto and La Paz – evaluation of airborne particle pollution sources



This evaluation of airborne particle pollution sources in Bolivia show that:

- Local air pollution in La Paz is mainly due to road traffic but additional sources such as waste burning may have non-negligible impacts
- Waste burning contributes only 2 to 5% of total PM10 but contains more than 50% of the PAHs content which are carcinogenic components

➔ [Mardoñez, V. et al.: Source apportionment study on particulate air pollution in two high-altitude Bolivian cities: La Paz and El Alto, Atmos. Chem. Phys., 23, 10325–10347, https://doi.org/10.5194/acp-23-10325-2023, 2023.](https://doi.org/10.5194/acp-23-10325-2023)



CLIMATE BENEFIT:

Baselines for future policy development to

- > Reduce the emissions of black carbon

CO-BENEFIT:

Baselines for future policy development to

- > Improve air quality for citizens
- > Protect people's health



COP28
UAE