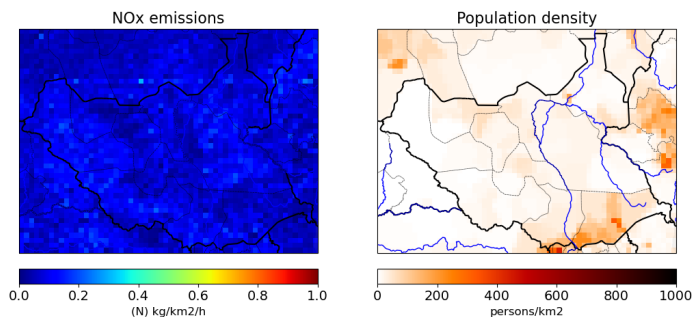


SOUTH SUDAN

Info sheet provided by the IMPALA team.
 (https://www.temis.nl/emissions/region_africa/impala.php)



Emission country totals

CH₄ = 0.3-1.1 Tg/yr (2018)
 CH₄ = 0.2-1.1 Tg/yr (2019)
 CH₄ = 0.7-1.9 Tg/yr (2020)
 CH₄ = 0.4-1.3 Tg/yr (2021)
 Total NO_x = 474 (N)Gg/yr (2019)

Emissions in South Sudan

NO_x emissions are mostly from biomass burning (note that the line of emissions at 15°N is an artifact of the inversion scheme).

For methane TROPOMI shows a very good performance over South Sudan to capture both wetland emissions and anthropogenic emissions. The typical seasonal variation from the wetlands is also captured by TROPOMI.

