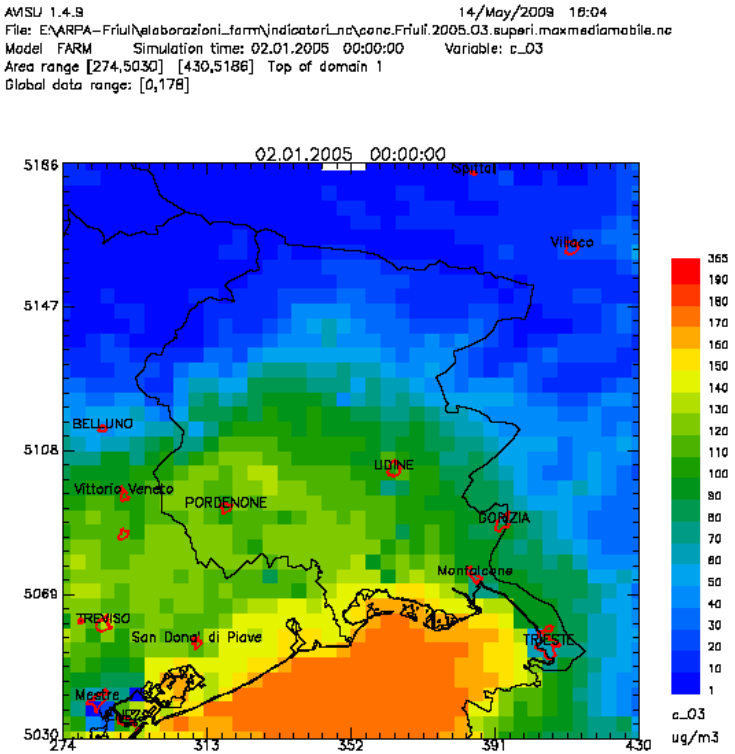
Anthropogenic impacts of Ozone distribution over the Northern Adriatic Sea

CRMA – Girl & Boys
feat Stel F.

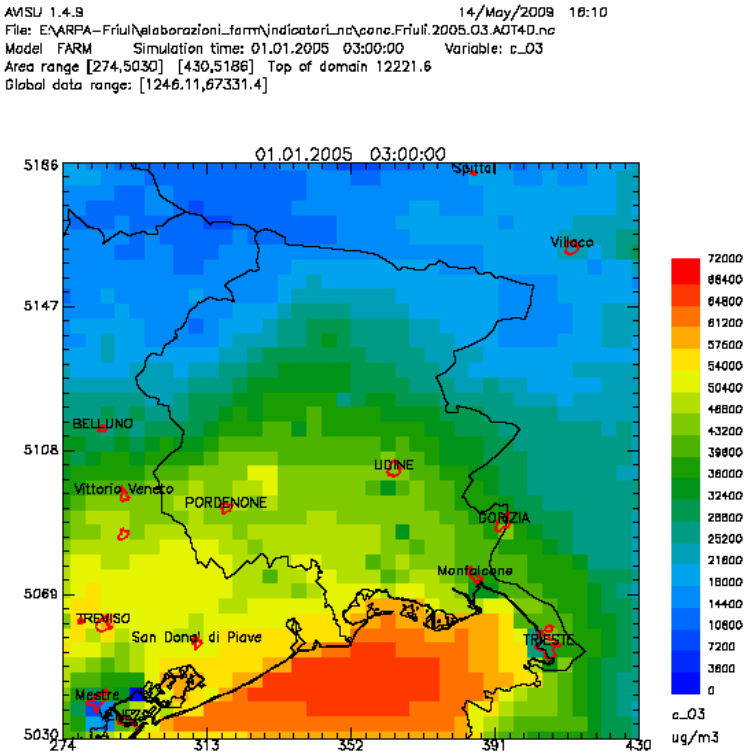
in

CHARMEX Workshop

Anthropogenic impacts on ozone …. over the Norther Adriatic



exceedances 120 ug/m3/8h



AOT40 (ppb)

Anthropogenic impacts on ozone …. over the Norther Adriatic

Due to meteorological drivers

High amount of solar radiation over the sea due to reduced cloudiness

Low average planetary boundary layer height

Due to anthropic pressures

High emission density of ozone parent elements (NOX, among others)

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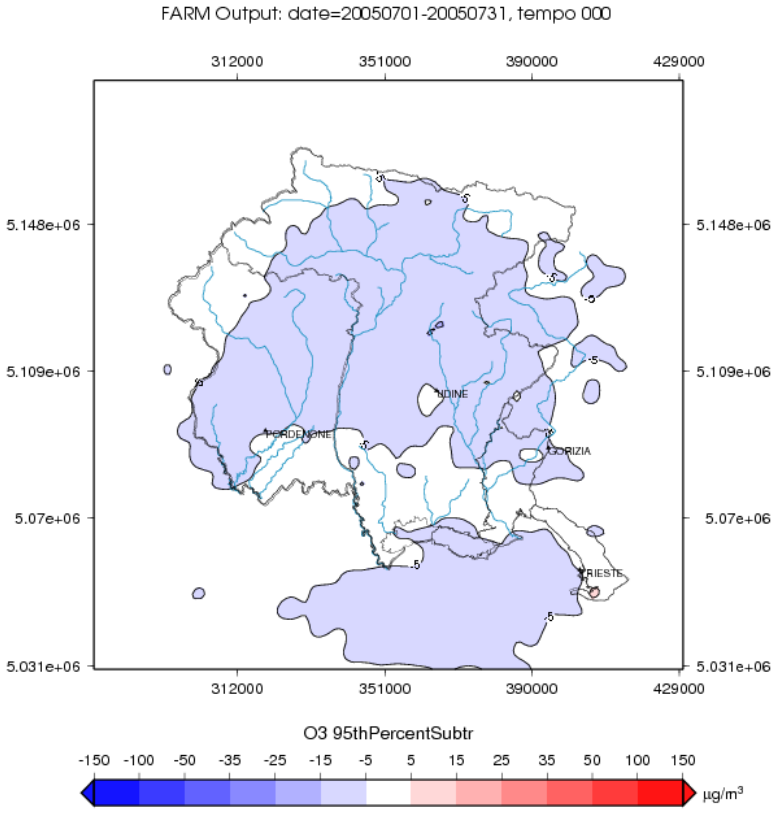

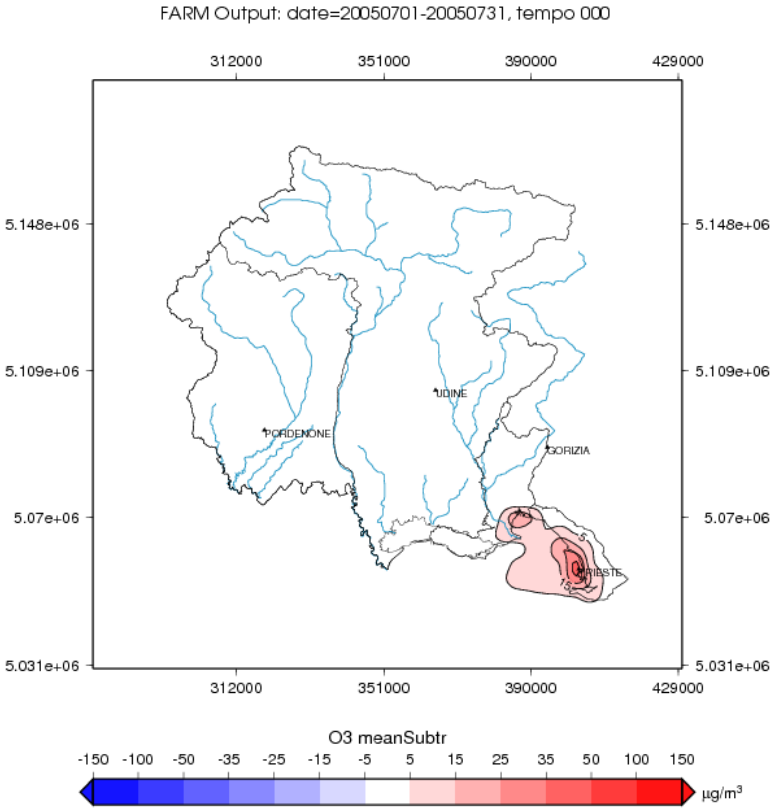

Reduction of road transport emissions over the plane produces a reduction in peak O3 values over the sea

Reduction of ship emissions over the harbour produces a growth of peak O3 values over the sea