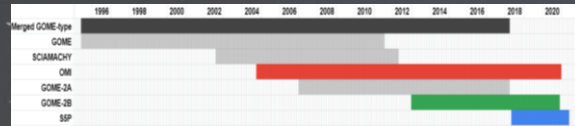


Characterisation of Sentinel-5p TROPOMI in Support of its Addition to the GOME-type Tropospheric Ozone Climate Data Record

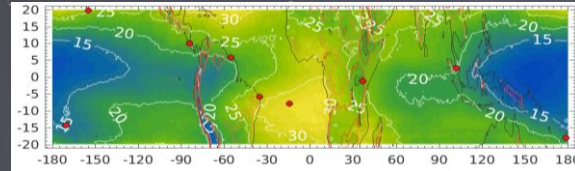


Daan Hubert, Klaus-Peter Heue, Jean-Christopher Lambert, Tijl Verhoelst, Arno Keppens, Steven Compennolle, Angelika Dehn, Debra Kollonige, Christophe Lerot, Diego Loyola, Fabian Romahn, Ryan Stauffer, Anne M. Thompson, Pepijn Veeffkind, Claus Zehner

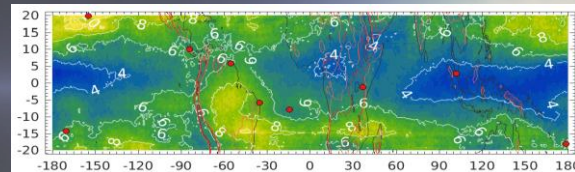
Goal: add TROPOMI to tropospheric O3 CDR



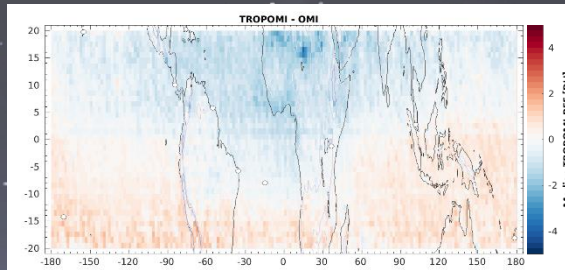
TROPOMI mean tropo O3 (2018-2020)



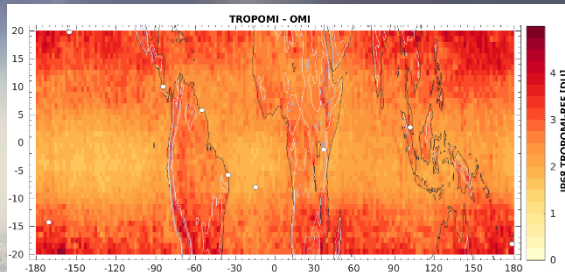
TROPOMI stddev tropo O3 (2018-2020)



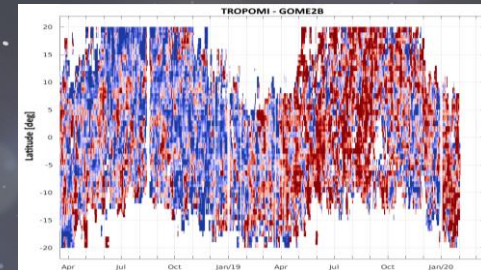
1. Spatial structure of bias



3. Spatial structure dispersion of pairs



2. Temporal structure of bias



4. Precision from analysis of triplets

