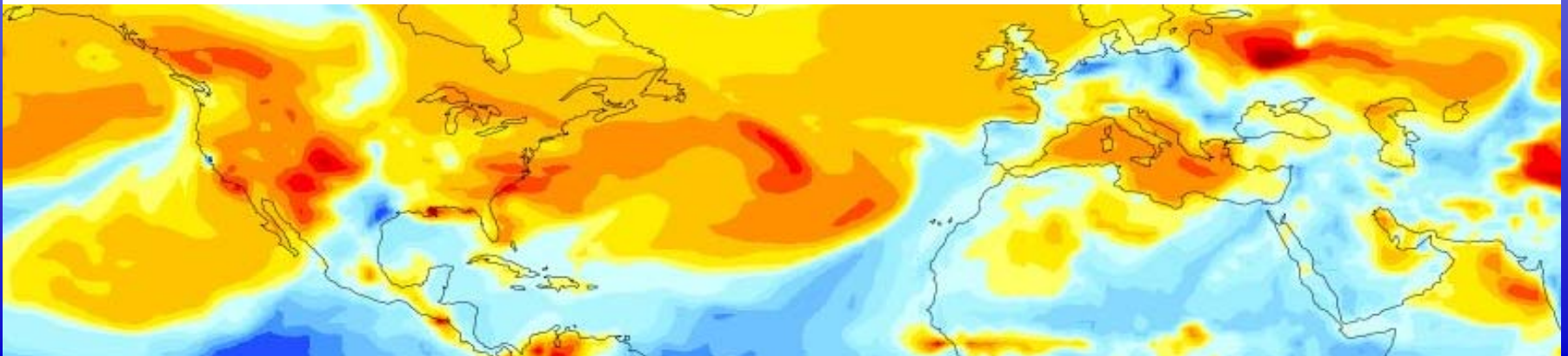
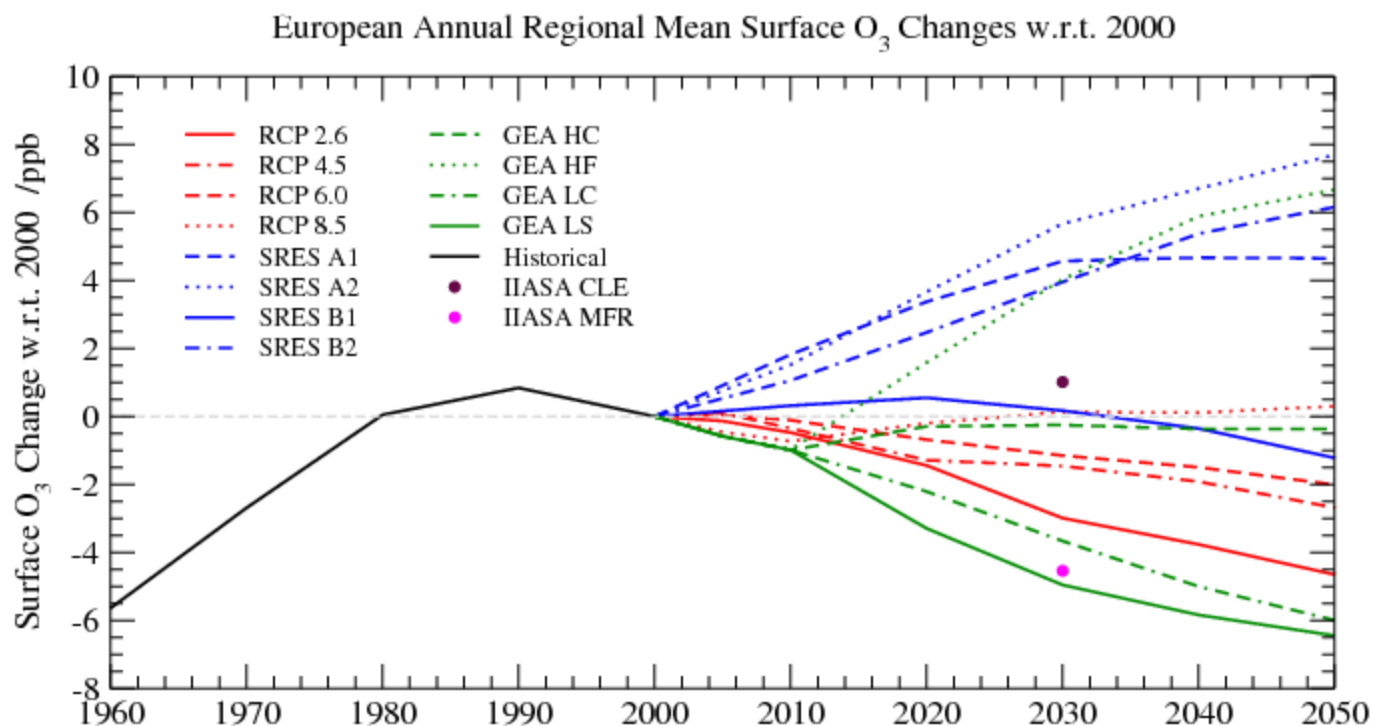


Lancaster: FRSGC/UCI CTM

- Model Specs
 - Offline CTM, T42 resolution (2.8°), 57 levels (0.1 hPa top)
 - Met fields from ECMWF-IFS cy36 (via Oslo), 3 hrly
 - Features: oxidants/gas phase chemistry (no aerosol), interactive bVOC emissions, passive tracers, tendency/flux/deposition diagnostics



Analysis Plans: Surface O₃ Changes

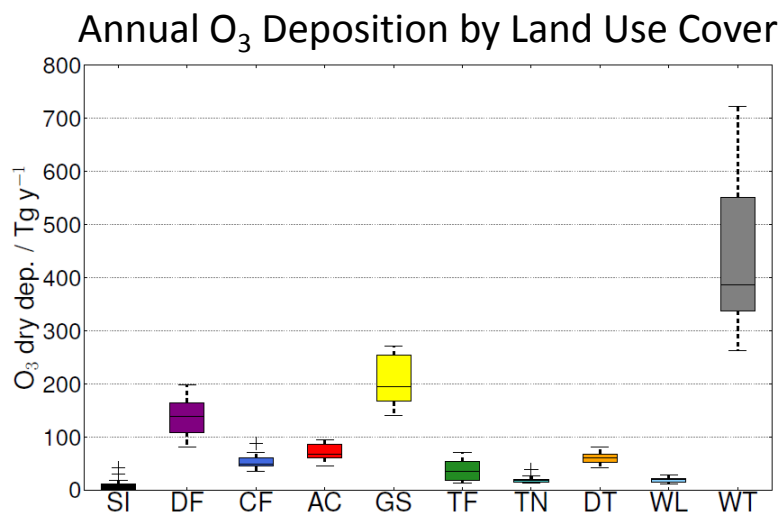


Quantify changes in European ozone under a range of likely future precursor emissions: -5 to +6 ppb by the 2030s (based on HTAP1)

Extend/refine approach using HTAP2 results...

Provision of future boundary conditions for regional models...

Analysis Plans: Dry Deposition of O₃



Hardacre et al, ACPD, 2014

Keen to get land-use specific O₃ dry deposition fluxes from BASE runs!

HTAP Models vs. Observed O₃ Dry Dep Fluxes

