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NOAA

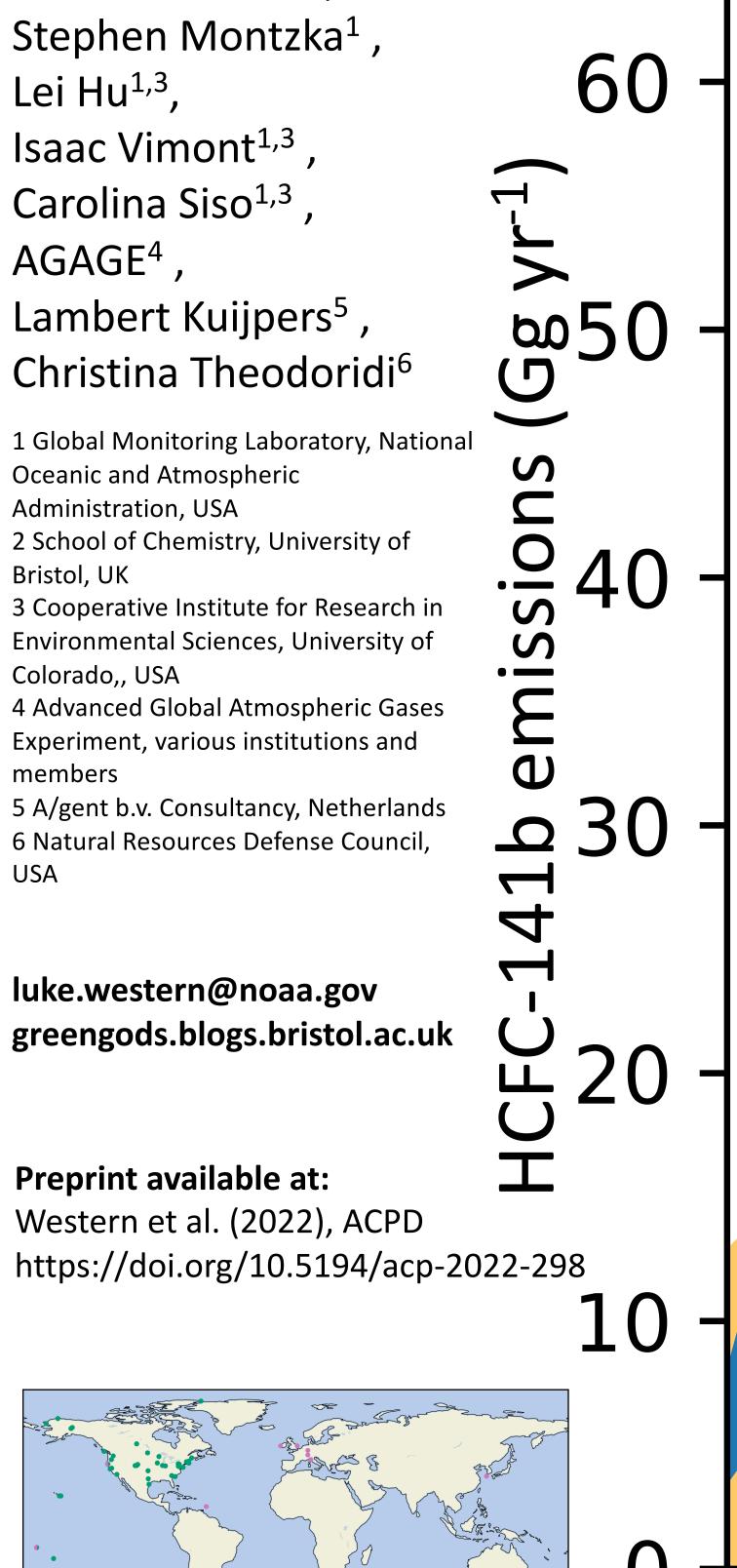
## Global emissions of HCFC-141b have been

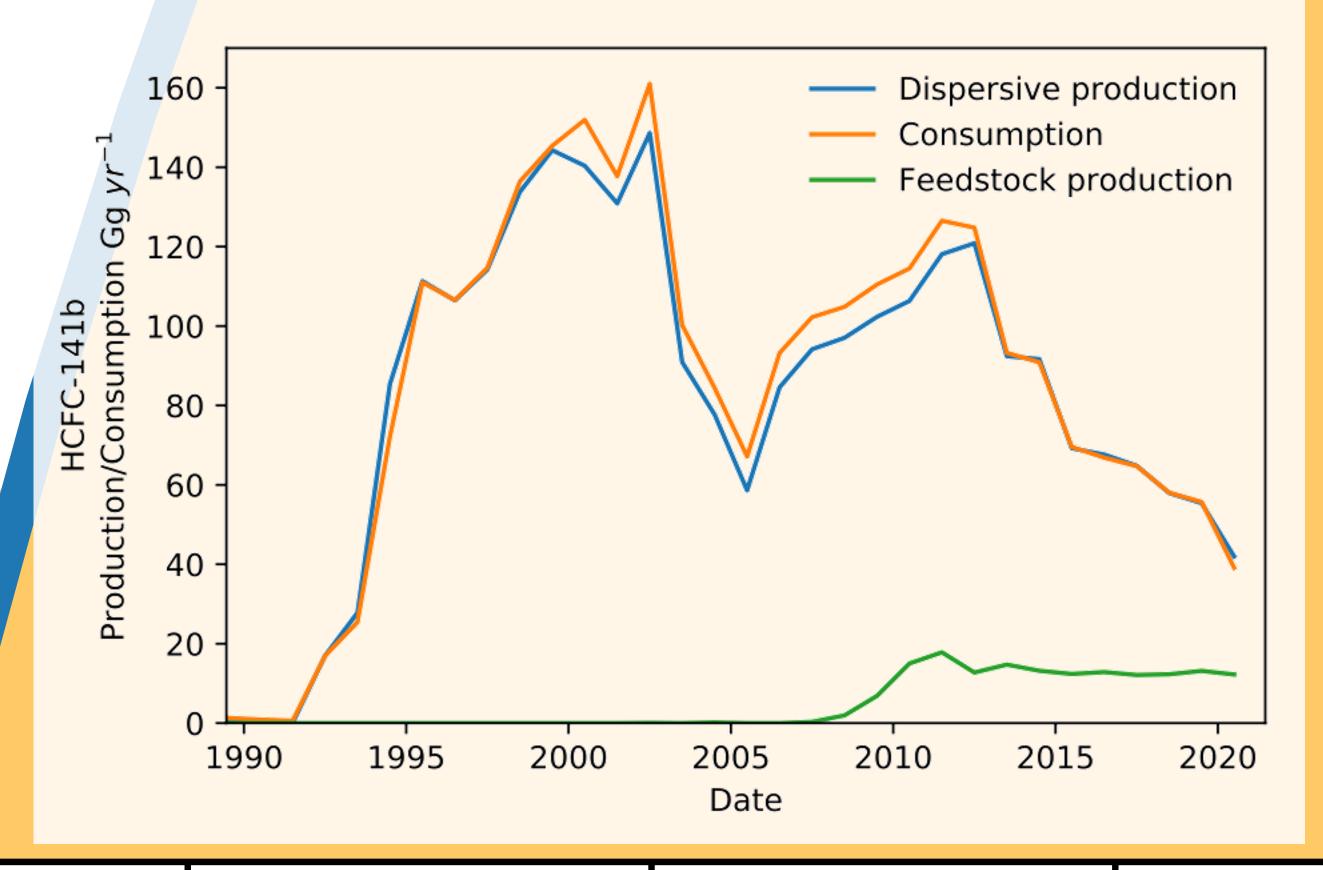
- rising since 2017
- HCFC-141b is an ozone depleting substance and its production is being phased-out under the Montreal Protocol
  - Global emissions, derived using atmospheric measurements, have been rising since 2017, despite production for dispersive uses falling continuously since 2012
  - Higher emissions following the disposal of appliances with HCFC-141b containing foams may be partially responsible
  - Feedstock and byproduct-related emissions are unlikely to cause such an increase

2005

2010

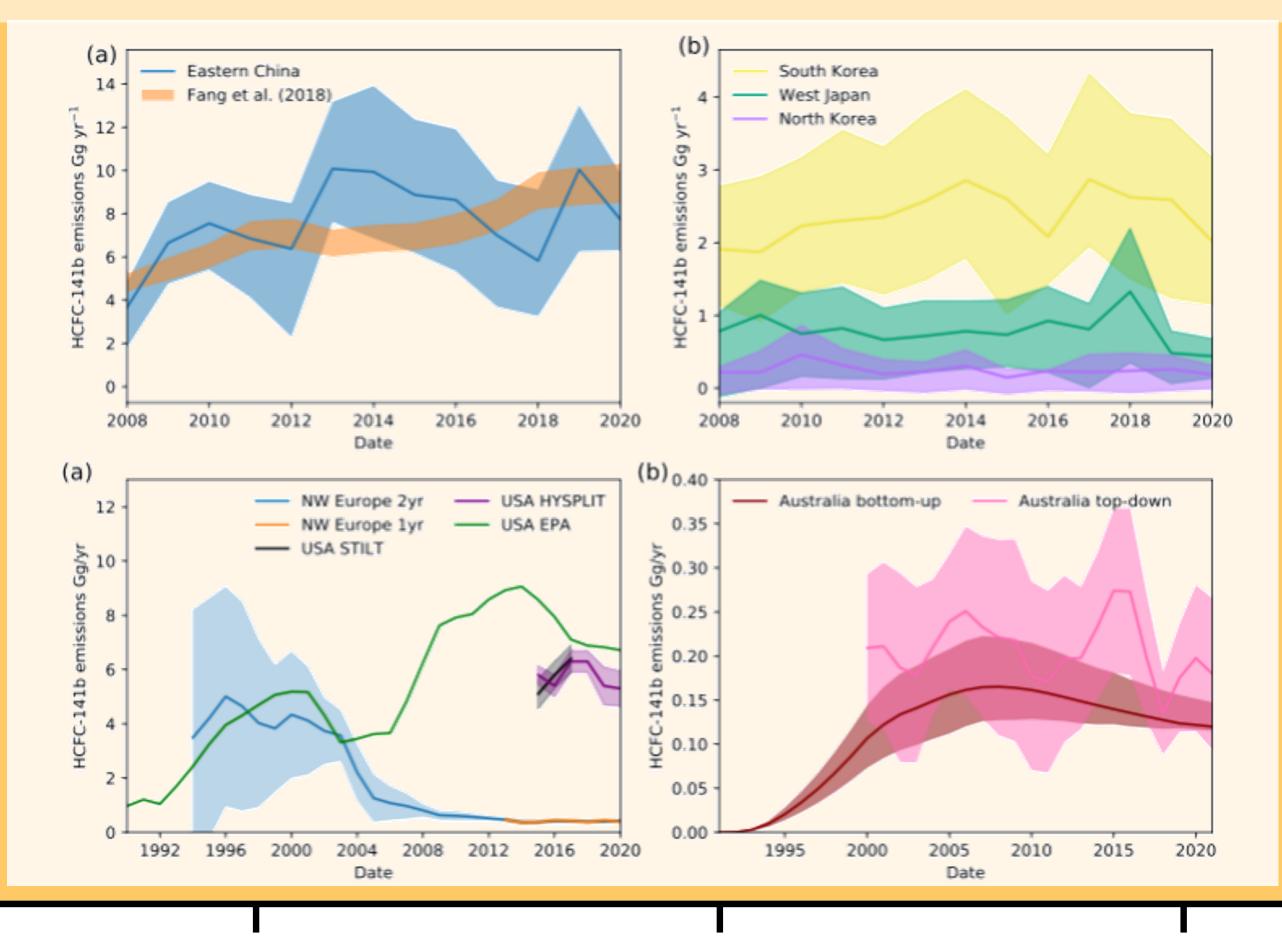
- The timing of the increase is similar to a fall in CFC-11 emissions (the main precursor to HCFC-141b for foam blowing) following a period of unreported production
- Emissions from north-western Europe, east Asia, the USA and Australia cannot explain the global rise, and account for around a third of the global emissions in 2020
- The driver behind the increase remains uncertain





2000

1995



2015