



*Supplement of*

## FLEXPART version 11: improved accuracy, efficiency, and flexibility

**Lucie Bakels et al.**

*Correspondence to:* Lucie Bakels (lucie.bakels@univie.ac.at)

- gmd-17-7595-2024-supplement-title-page.pdf
- Simulation\_and\_Analysis
  - Figure1
    - \* ATCEtrajectories.zip
    - \* CreateData
    - \* PlotData
    - \* ProcessData
    - \* README
  - Figure2
    - \* CreateData
    - \* PlotData
    - \* ProcessData
    - \* README
  - Figure3
    - \* CreateData
    - \* README
  - Figure4
    - \* CreateData
    - \* PlotData
    - \* README
  - Figure5
    - \* coastfine.mat
    - \* cs137.py
    - \* processed\_test
    - \* processed\_test-20240604T172224Z-001.zip
    - \* ratio\_cs.py
    - \* ratio\_cs\_137\_xw\_133\_short\_x\_Lucie.m
    - \* special\_colors.ctb

- \* test\_read\_flexpart\_netcdf\_cs137\_newruns\_twolayers\_x\_lucie.m
- \* test\_read\_flexpart\_netcdf\_xe133\_nodecaycorr\_two\_layers\_x\_lucie.m
- Figure6
  - \* CreateData
  - \* PlotData
  - \* README
- Figure7
  - \* Figure7\_plotting.py
  - \* README
- Figure8
  - \* Figure8\_plotting.py
  - \* README
- Figure9
  - \* ESACCI-GHG-L2-CH4-CO-TROPOMI-WFMD-20200101-fv3.nc
  - \* grid\_time\_20200201070000.nc
  - \* partic\_20200201.nc
  - \* plot4paper.ipynb
  - \* satellitefootprint.png

The copyright of individual parts of the supplement might differ from the article licence.