

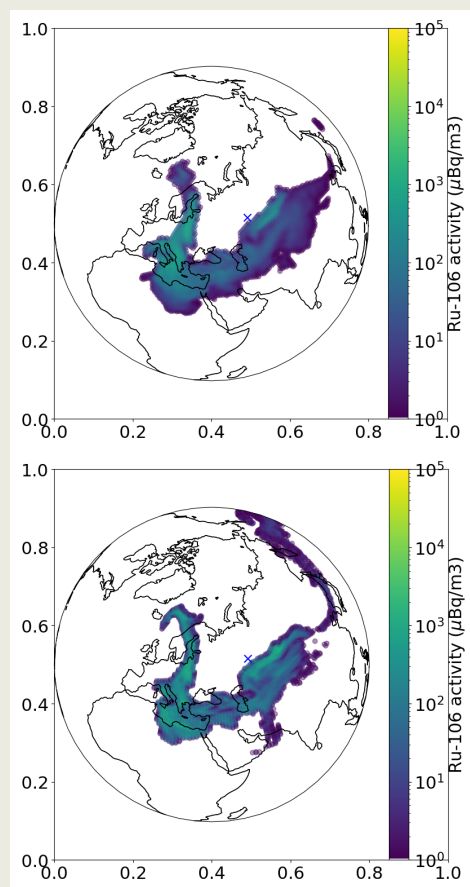
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- Our aim with CARATk is to propose tools to better represents radionuclides transport in the atmosphere by taking advantages of the flexibility of CHIMERE when adding chemistry and physical processes.
- We validated the use of CHIMERE for hemispheric range atmospheric pollution transportation with the modelling of the ¹⁰⁶Ru pollution of September 2017.
- Our early results from simulating the Fukushima accident open prospects and future developments to improve the representation of radionuclides during their transports in the atmosphere.
- Find me at board 21 during P2.3-296 on the 10th of September from 10am to 11am for more



Left hand side : Snapshot of simulated ¹⁰⁶Ru pollution with CHIMERE (top, PPMW scheme) and FLEXPART (bottom)
Right hand side : Comparison of both model with measurements from IMS and Ro5

