



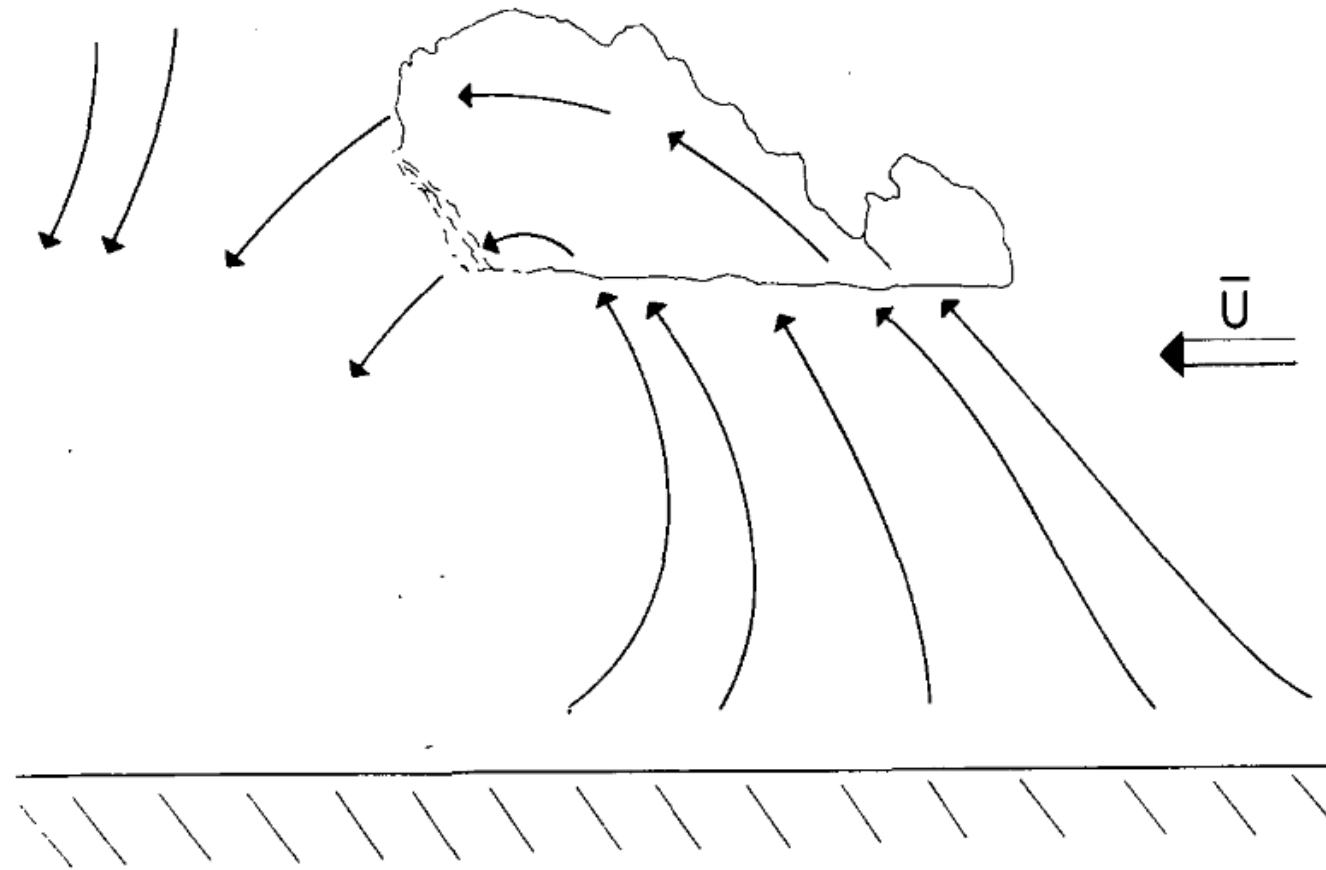
UNIVERSITY OF BERGEN



Sampling Atmospheric Convection Using Paragliders

Juraj Pálenik, Thomas Spengler
EGU General Assembly 2022
Atmospheric Convection AS1.12

Atmospheric Convection



Kunkel, K. & Eloranta, E. & Shipley, Scott. (1977). Lidar Observations of the Convective Boundary Layer. Journal of Applied Meteorology.



source: <https://www.fai.org/>





source: <https://flybubble.com>



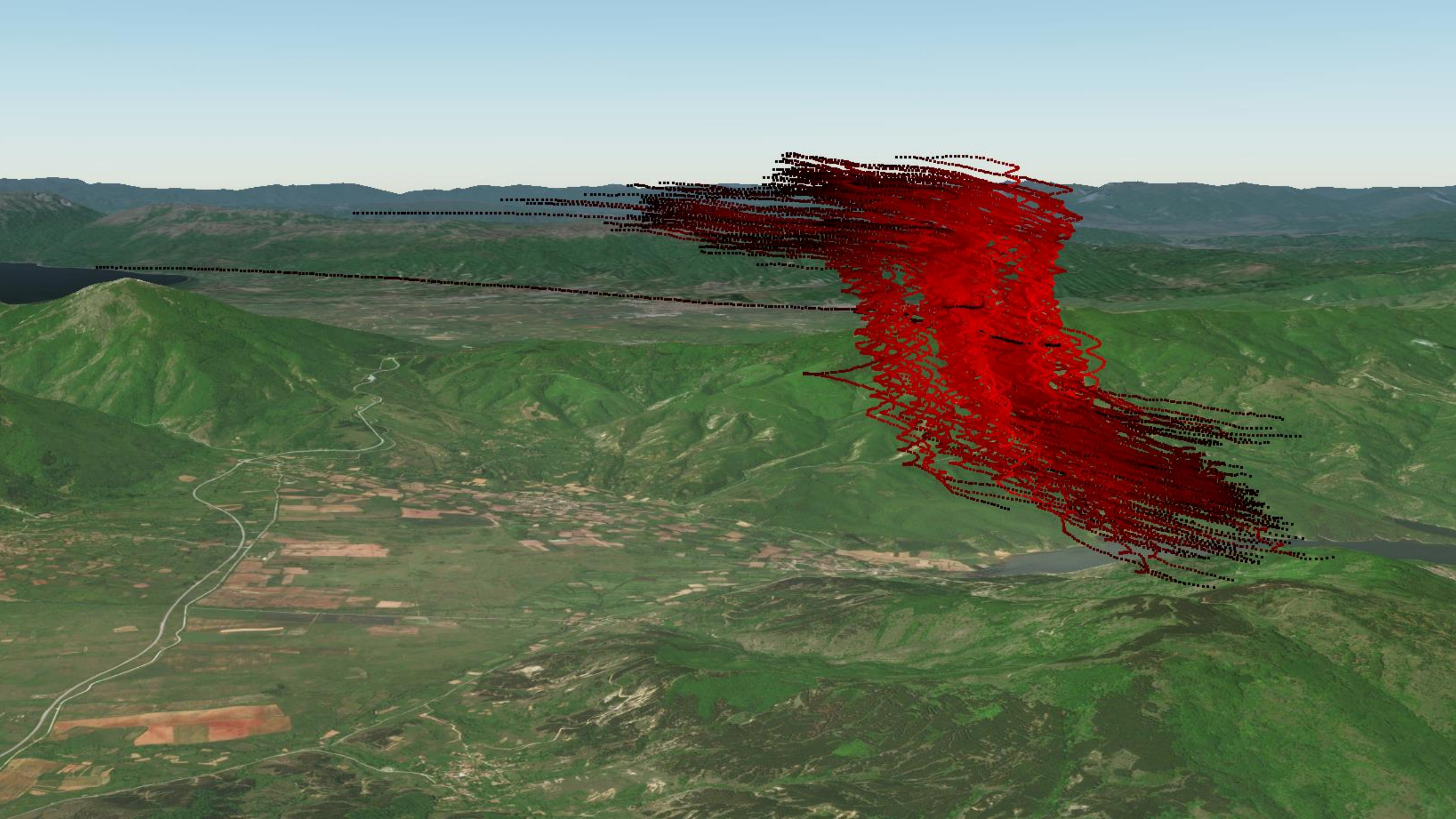
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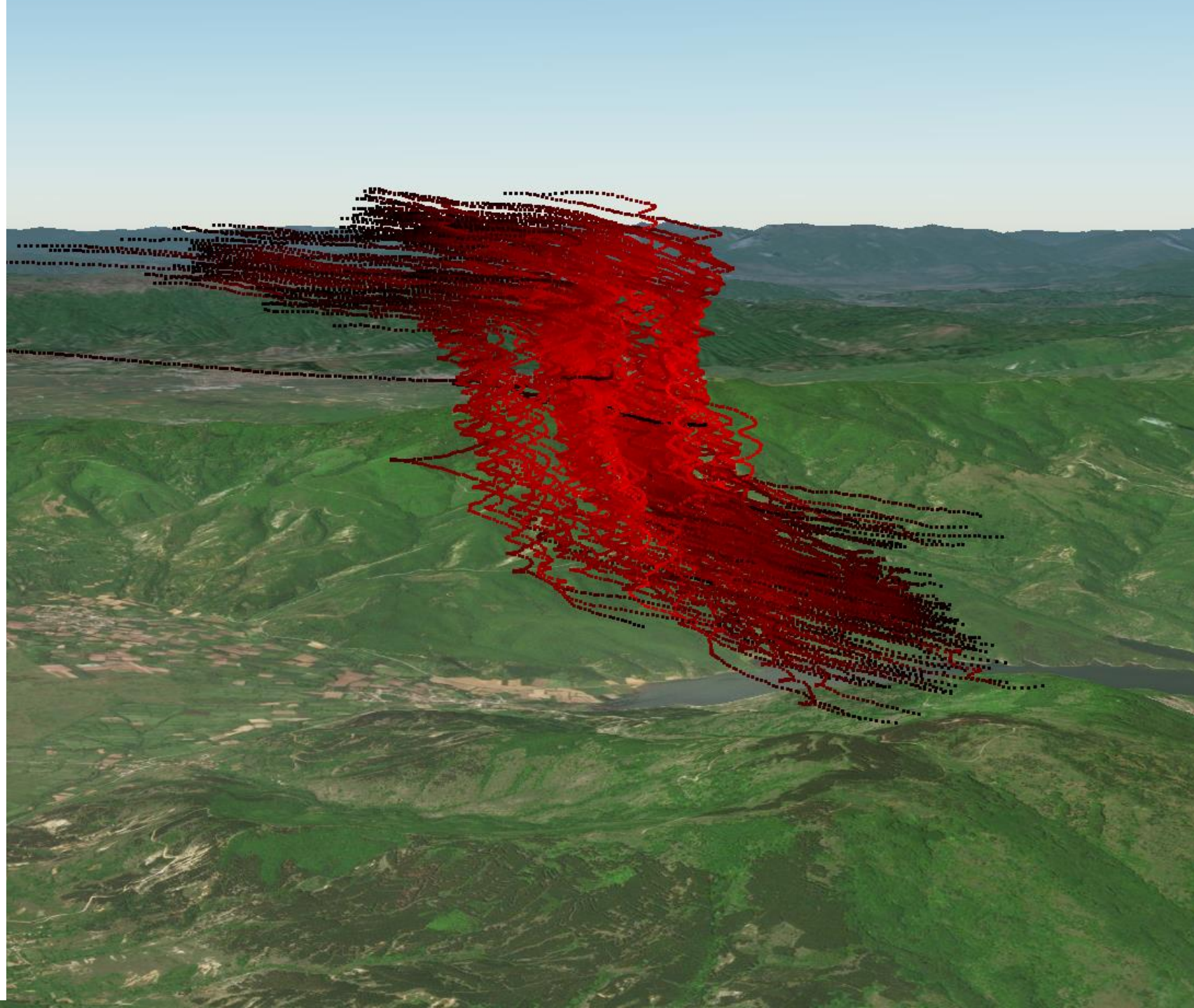
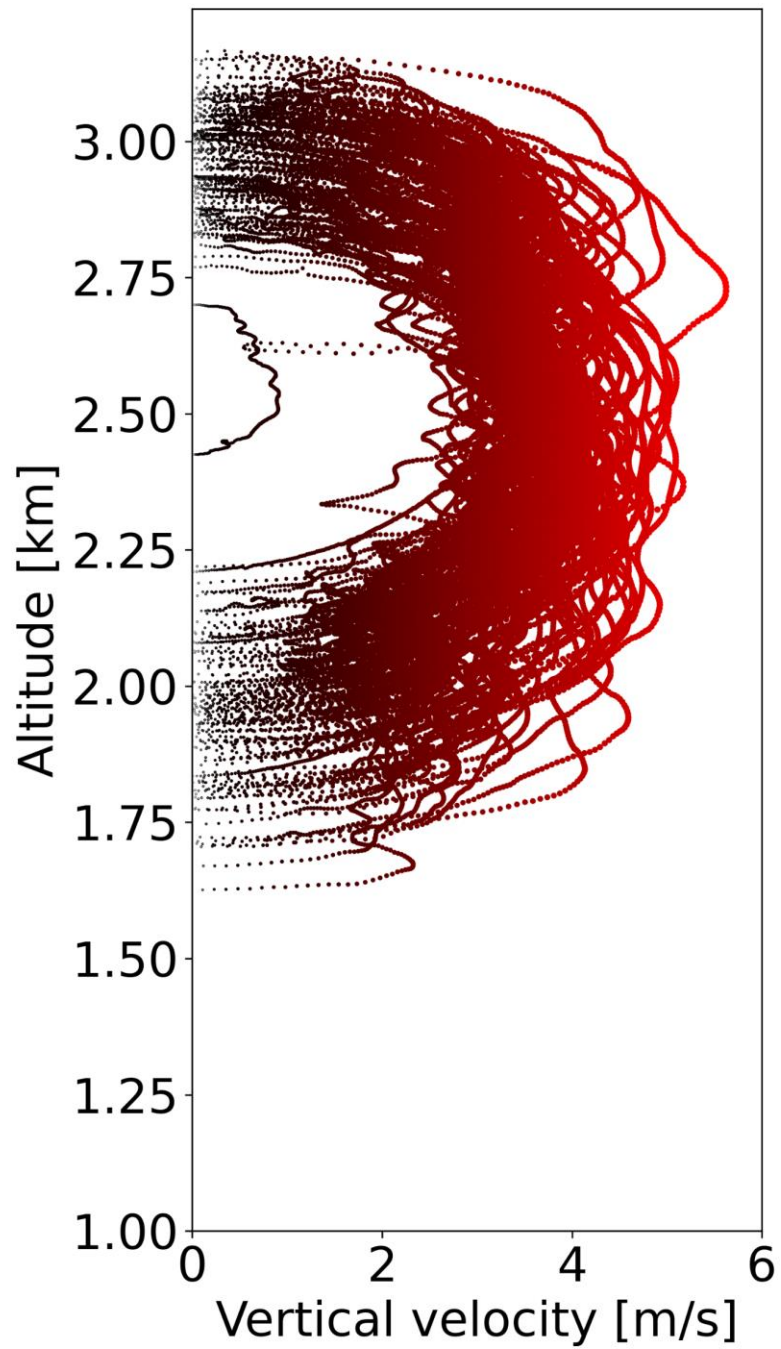


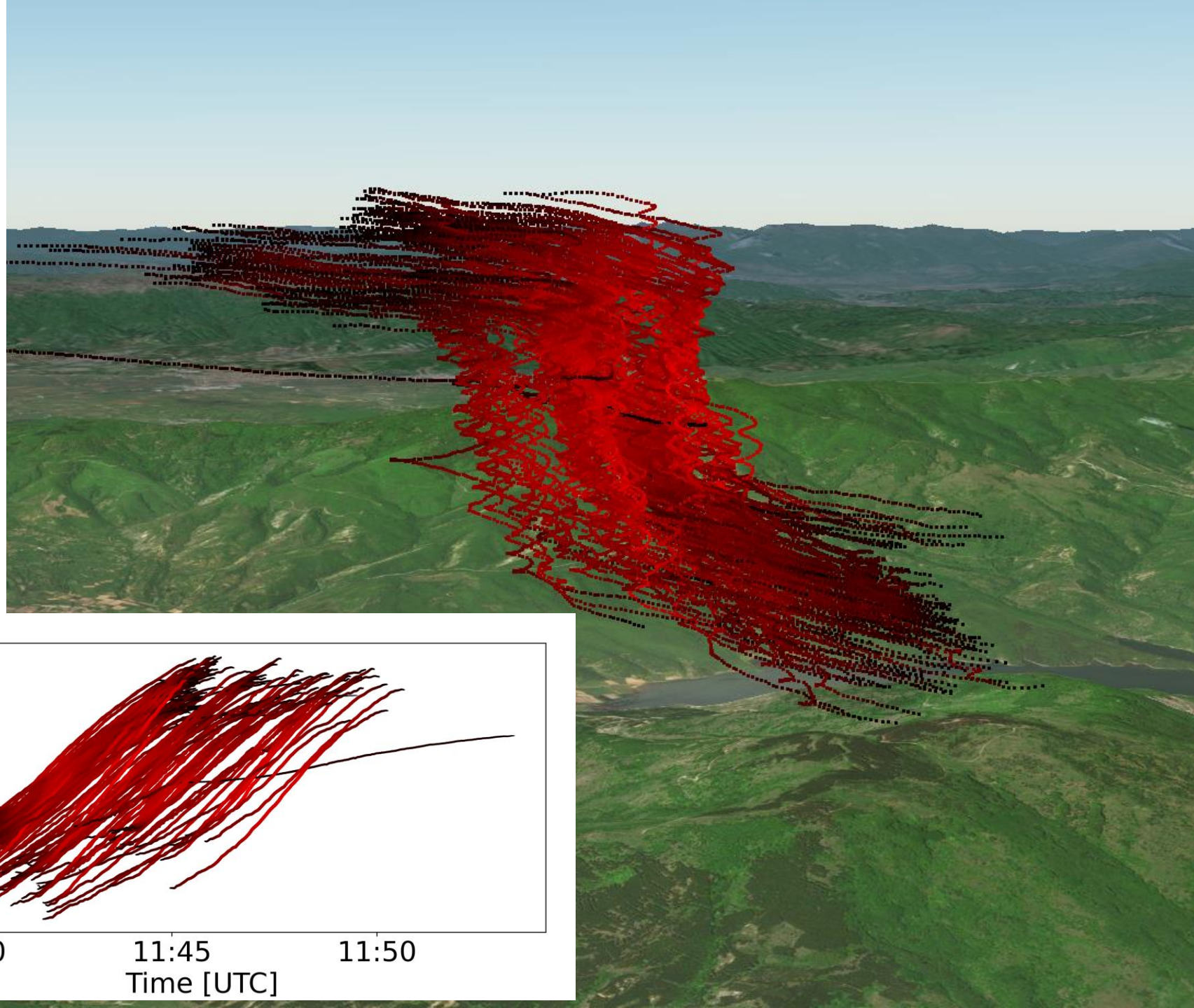
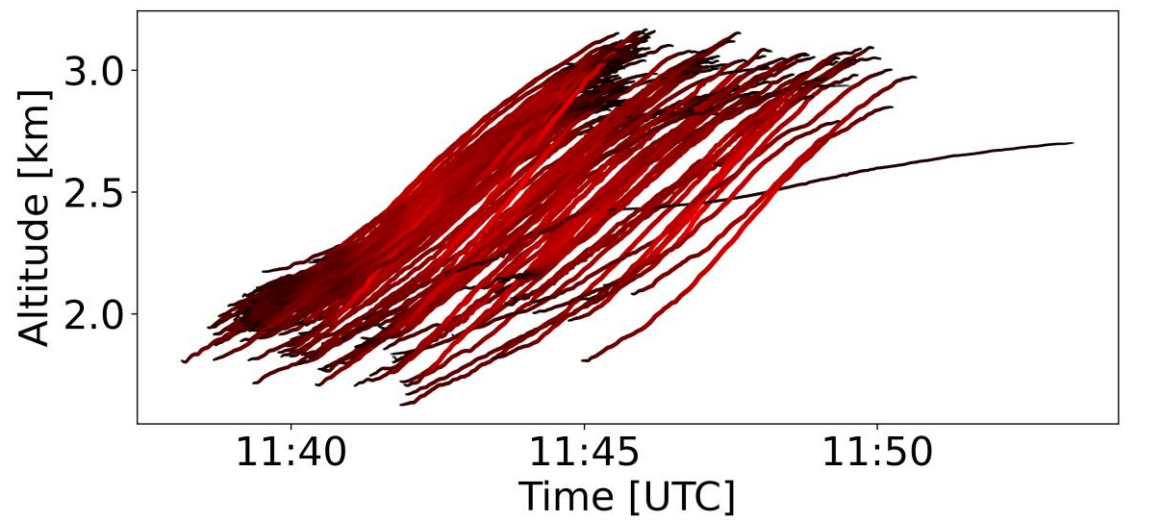
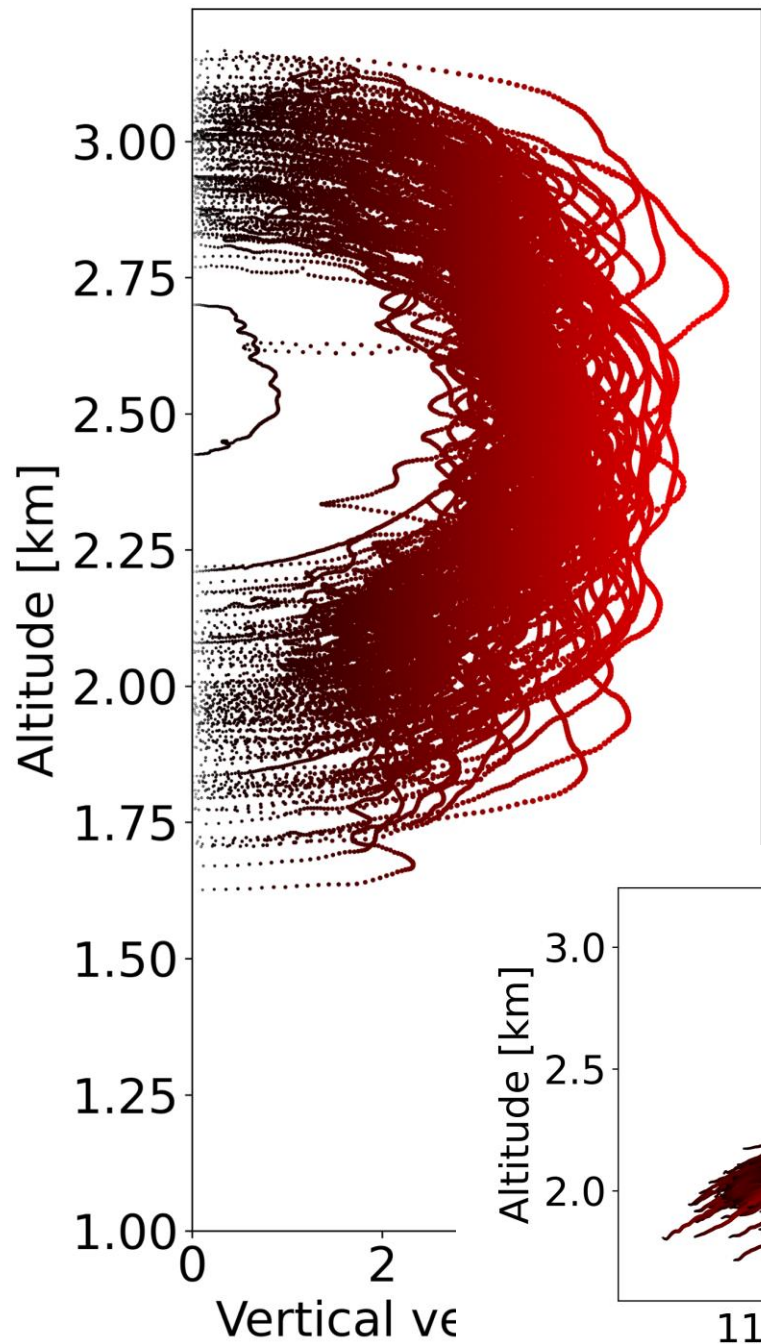


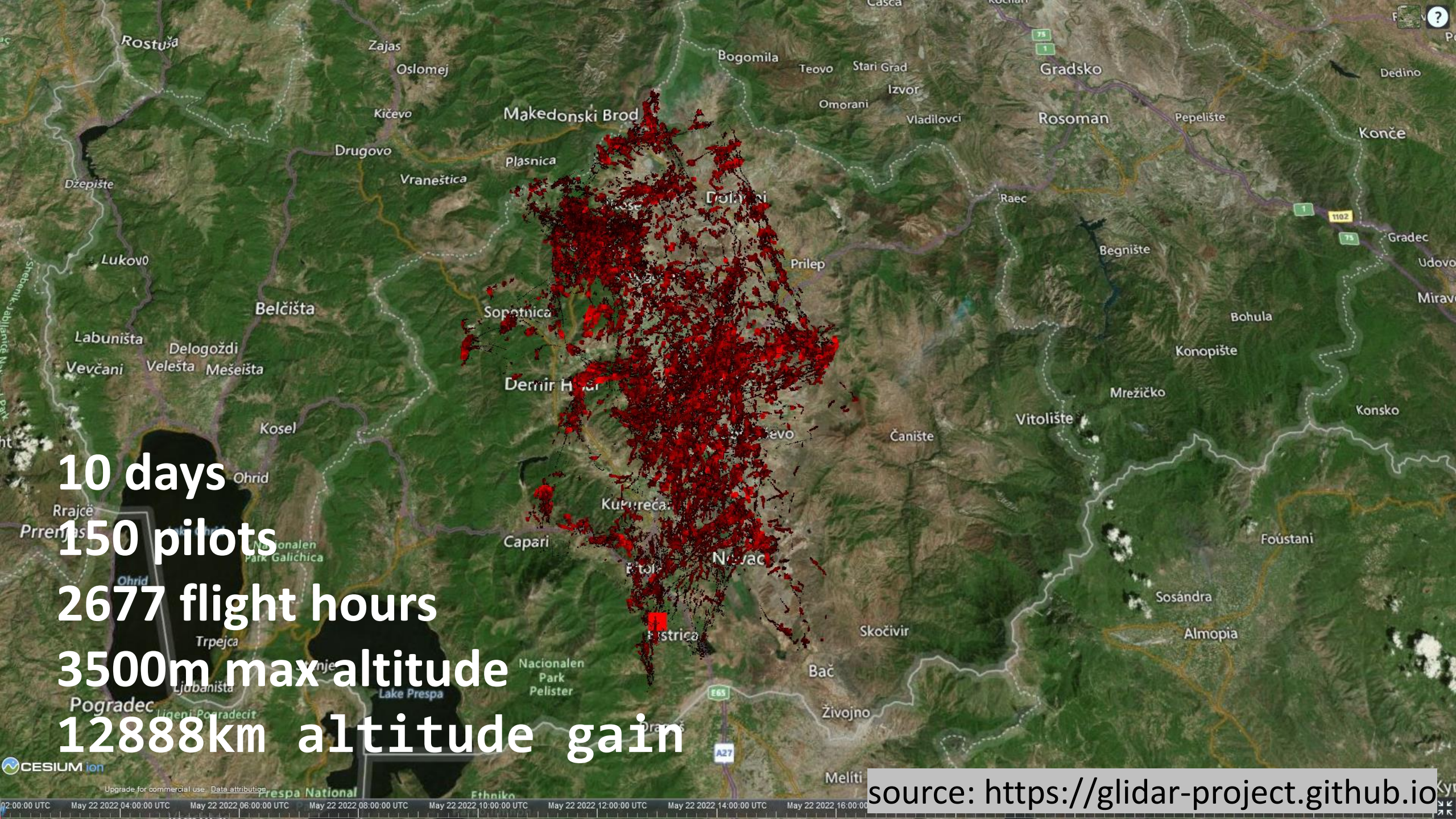
Juraj P 899 MSL











10 days

150 pilots

2677 flight hours

3500m max altitude

12888km altitude gain

gLidar-project

University of Bergen

<https://glidar-project.github.io/>

Juraj Pálenik, Christiane Duscha, Joachim Reuder, Thomas Spengler

