# Combination of ground-based and space-based GNSS tomography (2021-2025 project)

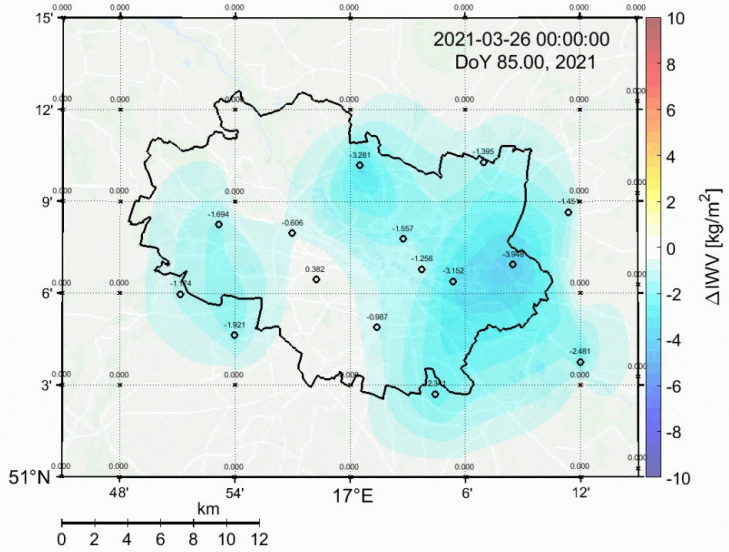
[1]Wroclaw University of Environmental and Life Sciences, Wrocław, Poland
[2]Eidgenössische Technische Hochschule Zürich, Zürich, Switzerland
[3]University of Wrocław, Wrocław, Poland
[4]Adam Mickiewicz University, Poznań, Poland
[5]National Severe Storms Laboratory, Norman, Oklahoma

Witold Rohm[1], Paweł Hordyniec[1], Gregor Möller[2], Maciej Kryza[3], Estera Trzcina[1], Mateusz Taszarek[4,5]

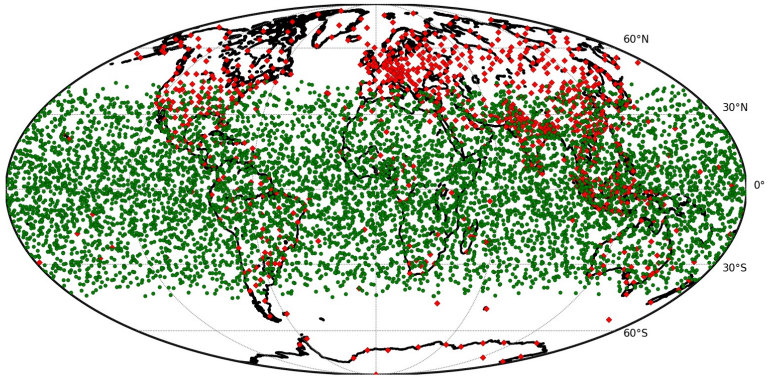
vEGU21 29.04.2021

# Tomography a next step forward

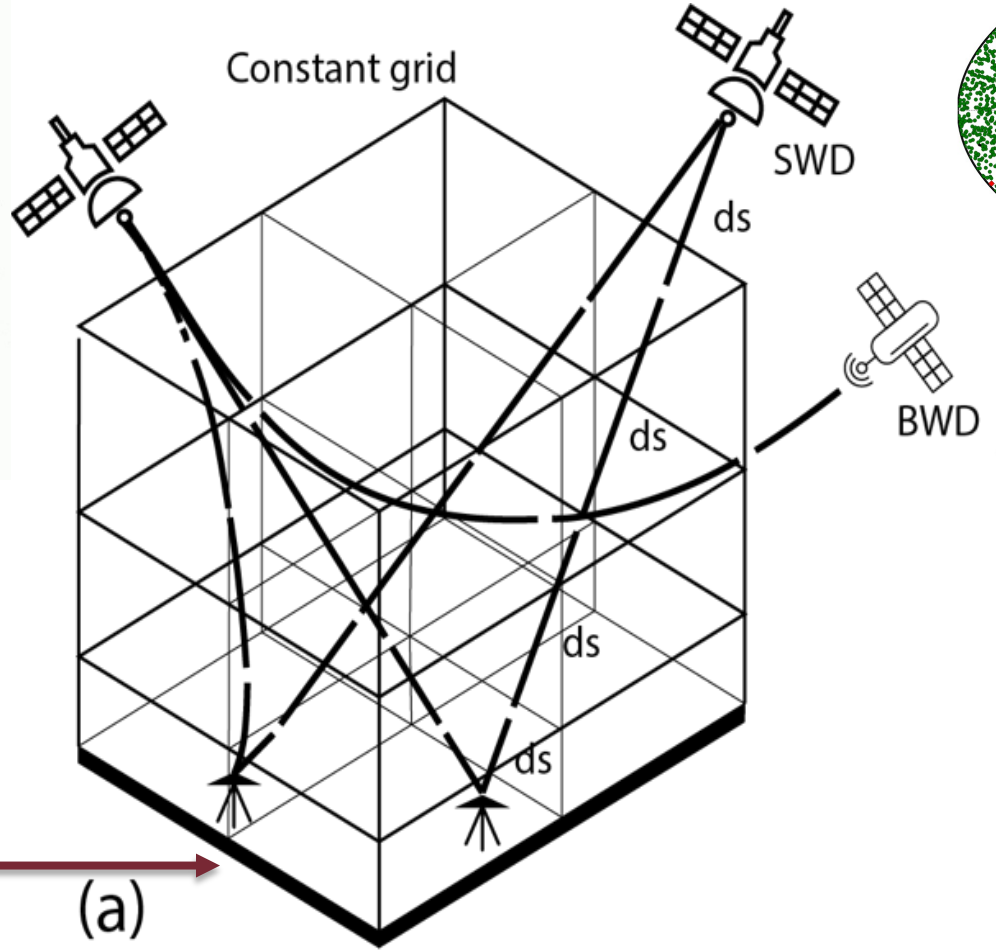
**Low-cost GNSS dense grids**




**Swarms of RO microsatellites**



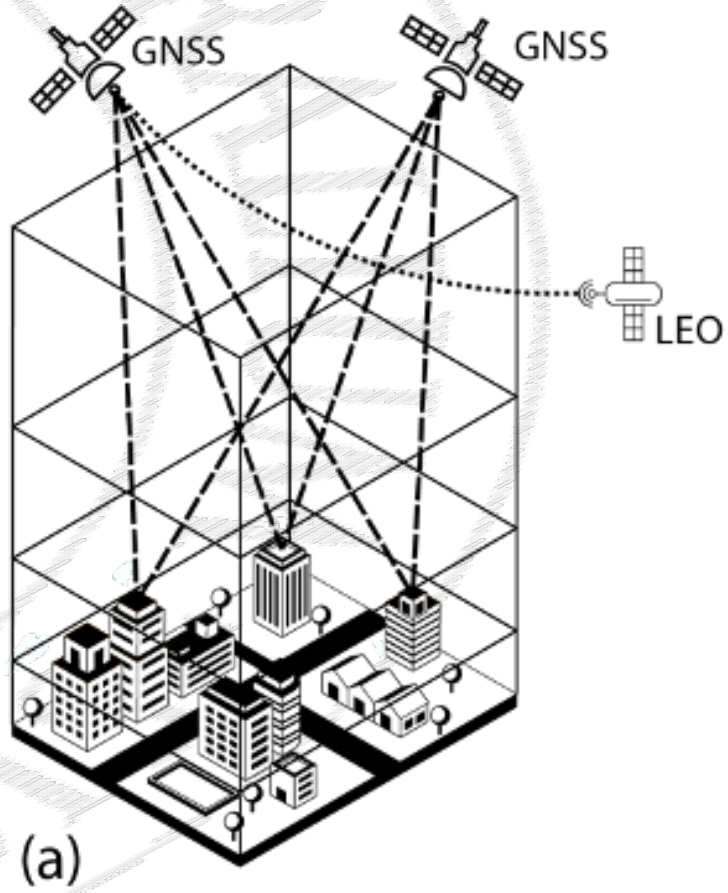

https://www.cosmic.ucar.edu/what-we-do/gnss-radio-occultation/



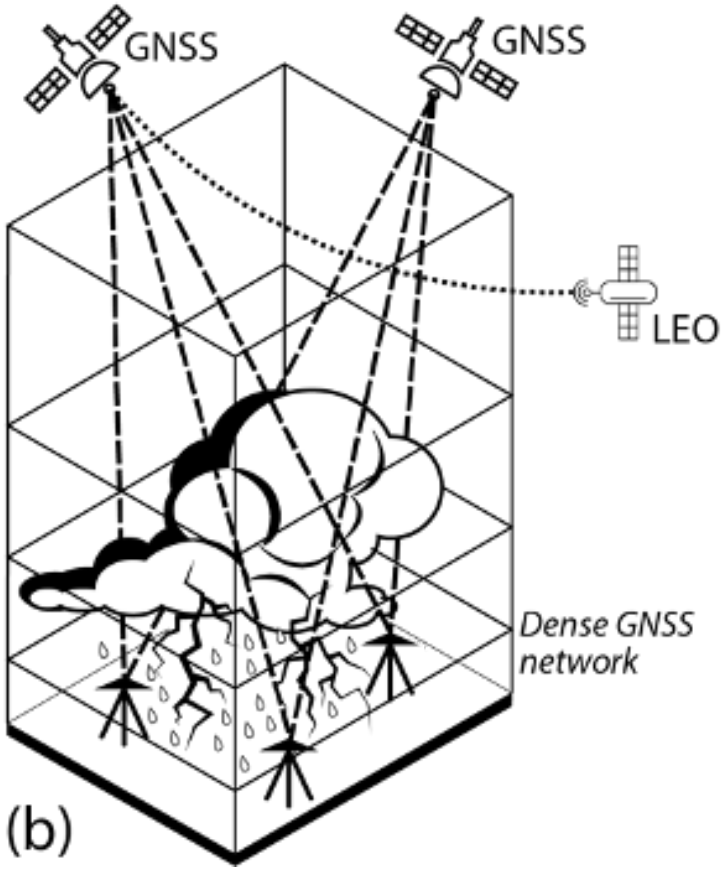

**High-density GNSS tomography model constrained with ground – based Slant Wet Delay (SWD) and space– based Bended Wet Delay**

# Applications

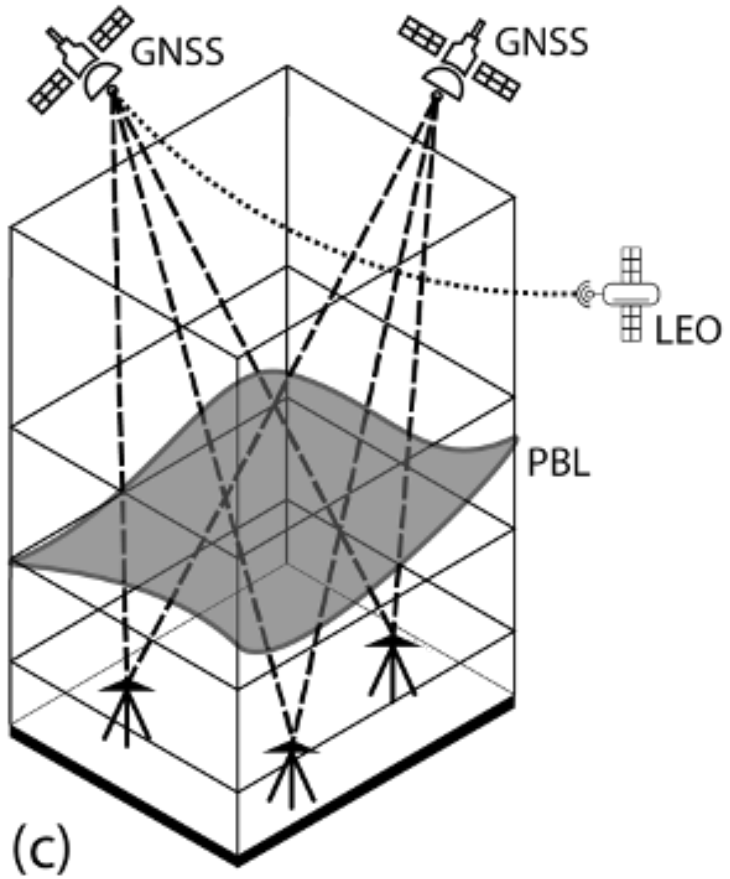
**Urban weather**




**Severe weather**




**PBL**



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WROCŁAW UNIVERSITY OF ENVIRONMENTAL AND LIFE SCIENCES

@SpaceOs4

witold.rohm@upwr.edu.pl

spaceos.igig.upwr.edu.pl

This work was supported with funding from National Science Center research project No UMO-2020/37/B/ST10/03703