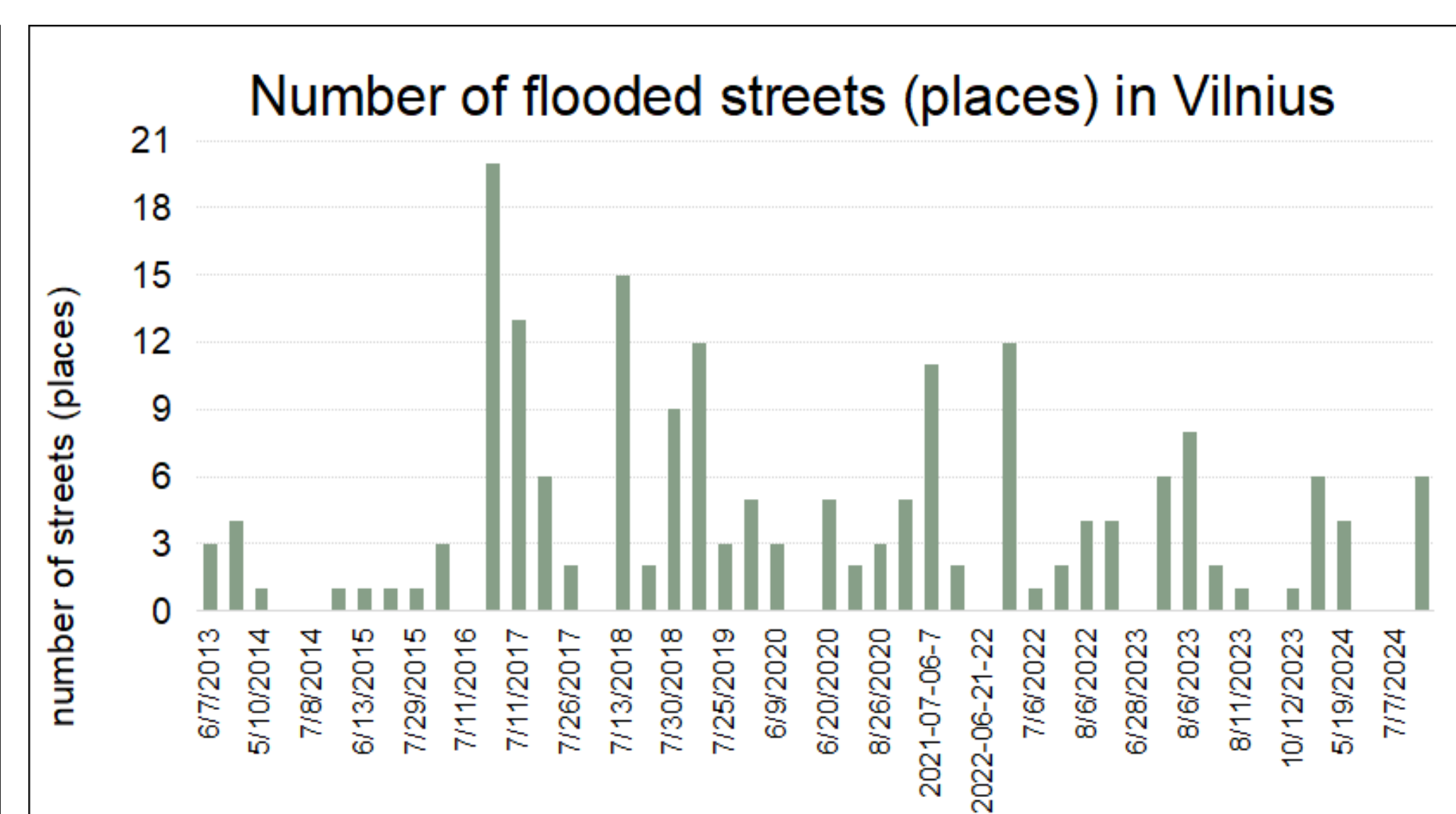
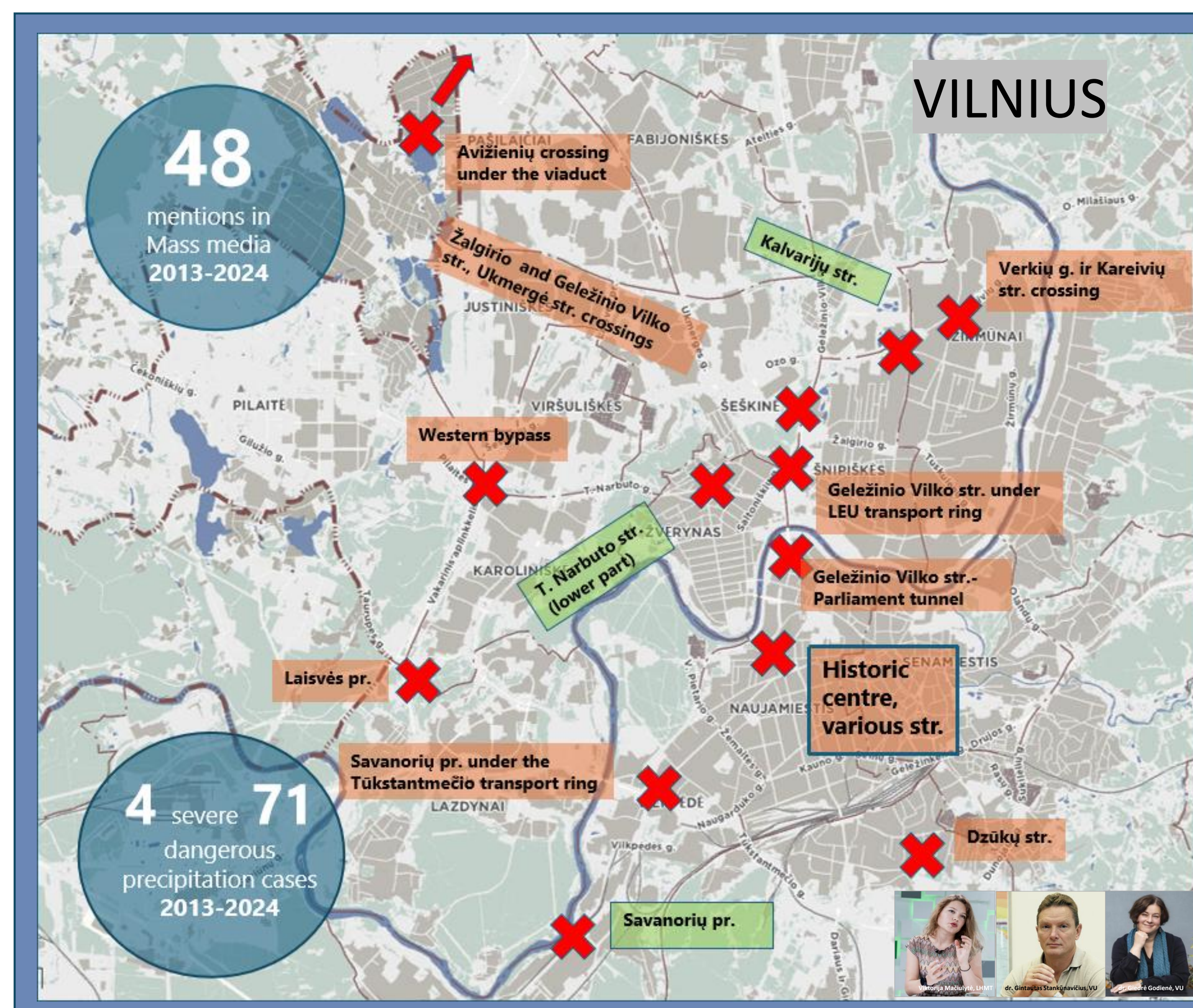


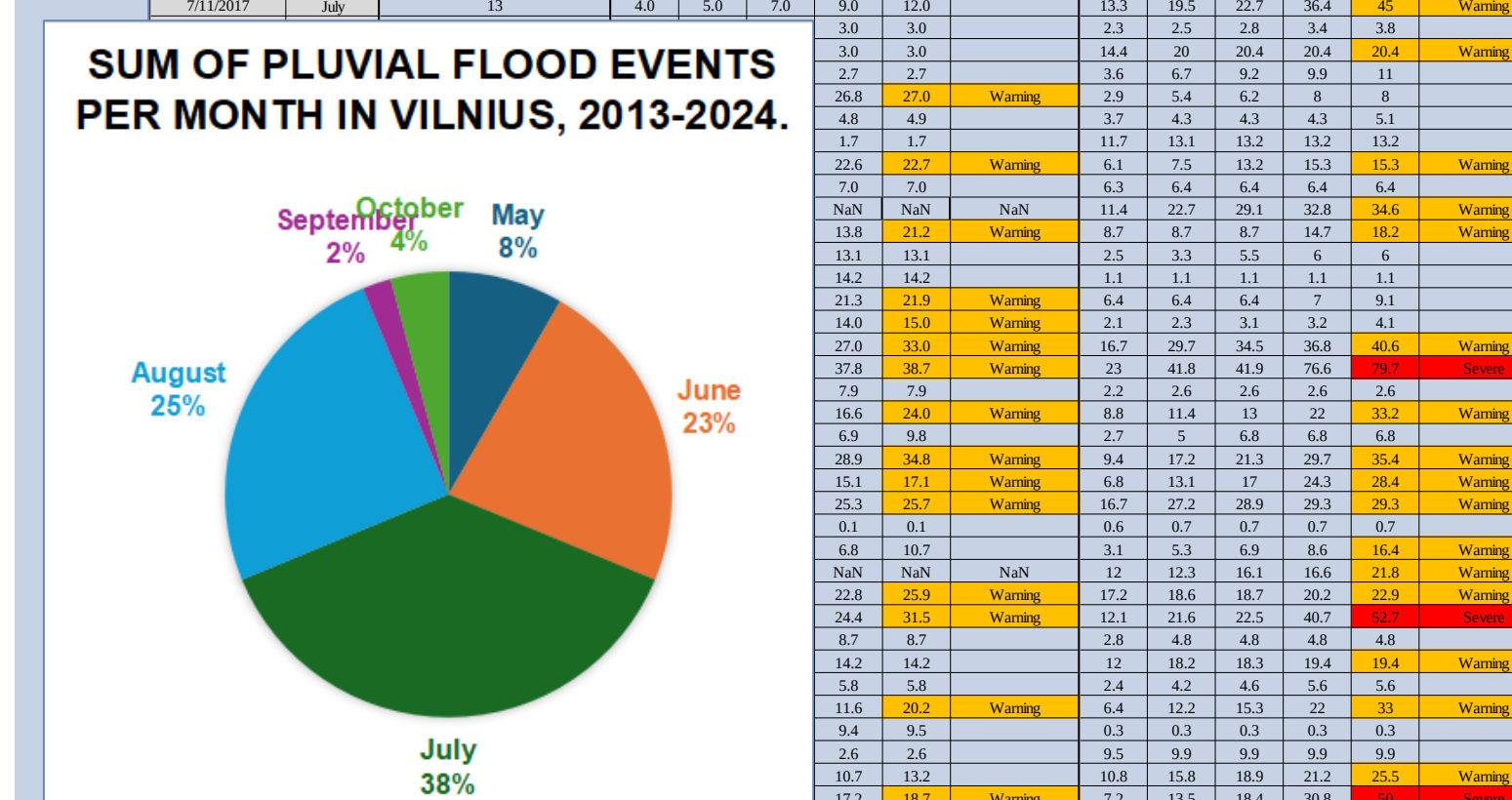


Vilnius streets Pluvial flooding events DB, 2013-2024

- **Precipitation IDF curves modelling with CMCC**
- **Hydraulic analysis of the drainage system in the Vilnius historical center, CMCC**
- **Amendment of legal acts**
- **Climate story**
- **Visit of colleagues from DEM7 (Hungary, Szolnok) May, 2025**
- **Virtual Field visits**
- **Trainings, Info-sheet**
- **Educational materials**



- **Cases reported by media, social networks and other public information.**
- **2 MS: max precipitation within 1, 2, 3, 6, 12 h**
- **Notes about cases of warning, severe or catastrophic precipitation**
- **Number of streets flooded**

[illegible]

Local DRR forums: Kretinga (2024 02 02), **Vilnius** (2025 03 12)

Extreme rainstorms and urban pluvial flooding: measures adapting to climate change

2025 03 12 Vilnius municipality, on the framework of Vilnius - Green capital of Europe 2025; moderator dr. G. Godienė

- **What solutions/measures of DRR are feasible and acceptable?**
The list of DRR on pluvial flooding measures and their evaluation
- **What is Social tolerance to heavy rains and the resulting flooding of Vilnius streets, as well as other consequences of heavy rains:** 5 scenarios of inundations (depth vs persistence); 5 categories of tolerance according return period; 8 categories of urban streets and other urban elements were discussed

- Protection of natural areas, surfaces and Greening initiatives ● Meteorological data collection and monitoring ● Storage and management rain water on-site, less disposal
● Installation of water storage/accumulation tanks ● Education and awareness ● Enlargement of permeable surfaces ● Modernization of the surface runoff system of Vilnius

