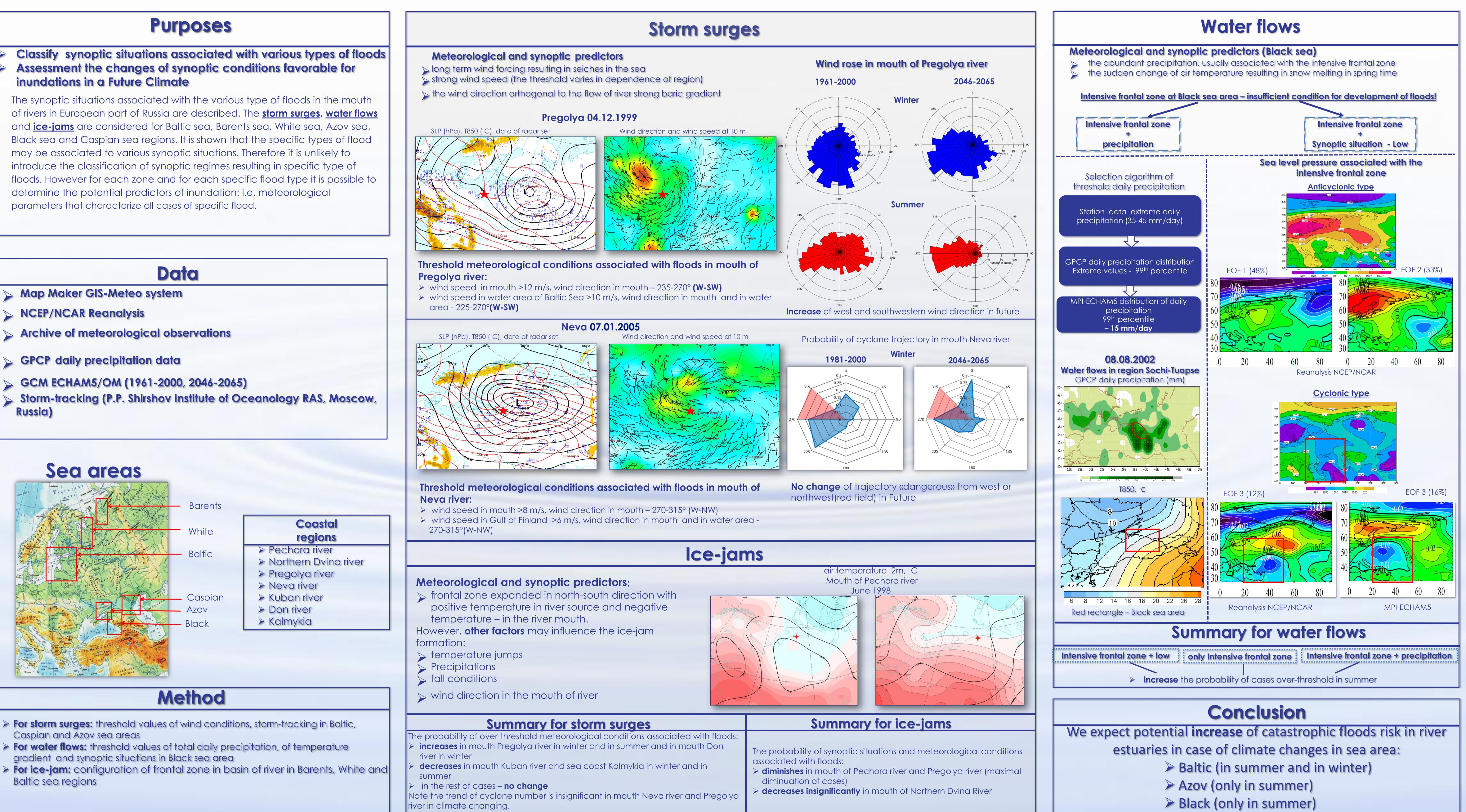
## Assessment of change of synoptical situations and meteorological conditions associated with catastrophic floods in the mouth of rivers in the European part of Russia in Future Climate



# inundations in a Future Climate

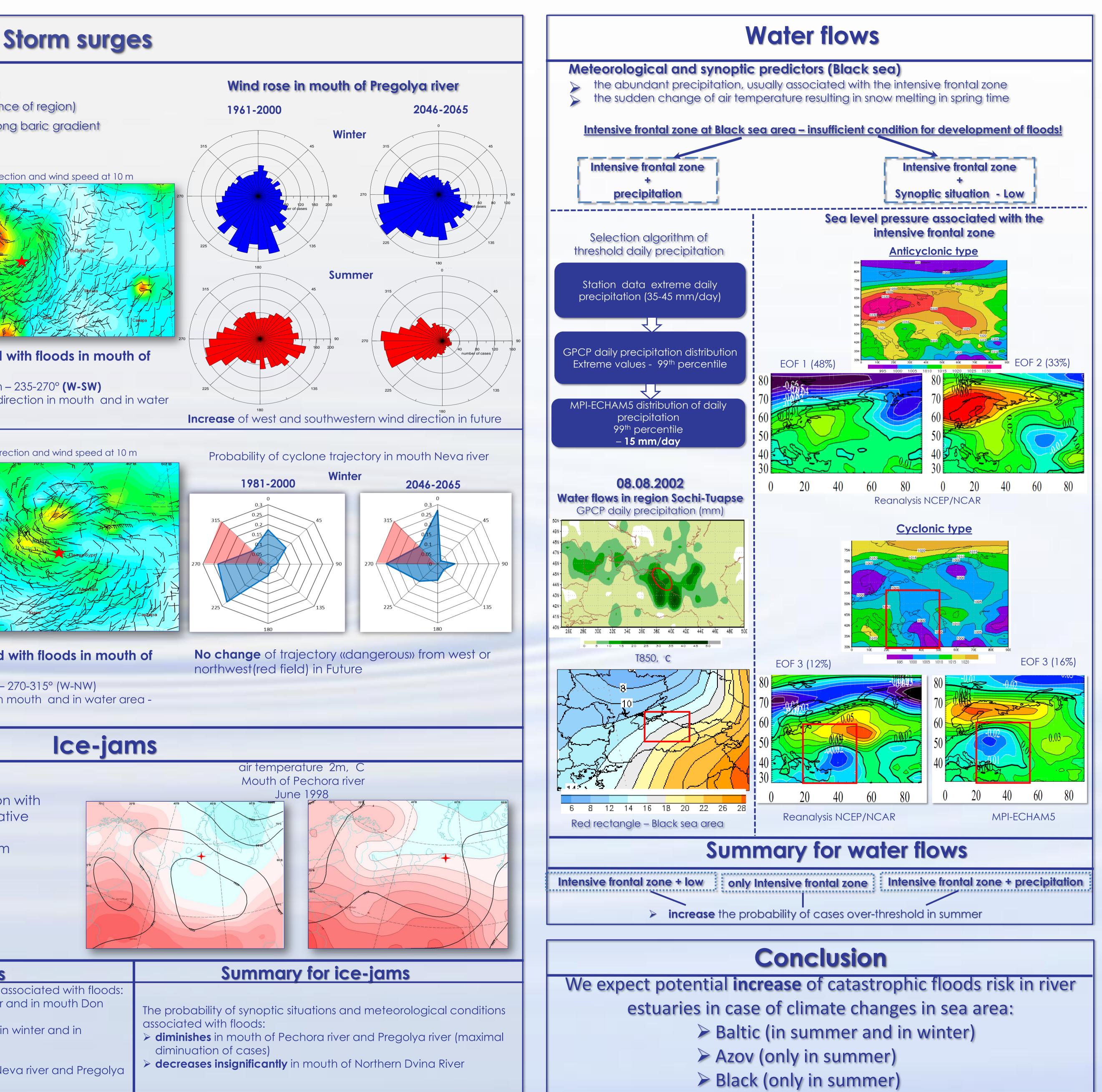
may be associated to various synoptic situations. Therefore it is unlikely to determine the potential predictors of inundation: i.e. meteorological parameters that characterize all cases of specific flood.

- Map Maker GIS-Meteo system
- NCEP/NCAR Reanalysis
- Archive of meteorological observations
- GPCP daily precipitation data
- Russia)



- > For storm surges: threshold values of wind conditions, storm-tracking in Baltic, Caspian and Azov sea areas
- > For water flows: threshold values of total daily precipitation, of temperature gradient and synoptic situations in Black sea area
- Baltic sea regions

Tatiana Matveeva, Daria Guschina Departement of meteorology and climatology, faculty of geography, Moscow State University, Moscow, Russia



## Contact: matania.777@gmail.com

Supported by Grant of Government of Russian Federation «Support of the scientific researches under the direction of leading scientists»