

RAINFALLS AND TEMPERATURES IN SERBIA 1961-2010

Source: CarpatClim & DanubeClim

B. Srdjevic and FAUNS Team

Faculty of Agriculture, University of Novi Sad

Department of Water Management

Novi Sad, Serbia

DriDanube - Drought Risk in the Danube Region
Project co-funded by European Union funds (ERDF, IPA)



RAINFALLS

1961-2010

Source: CarpatClim & DanubeClim



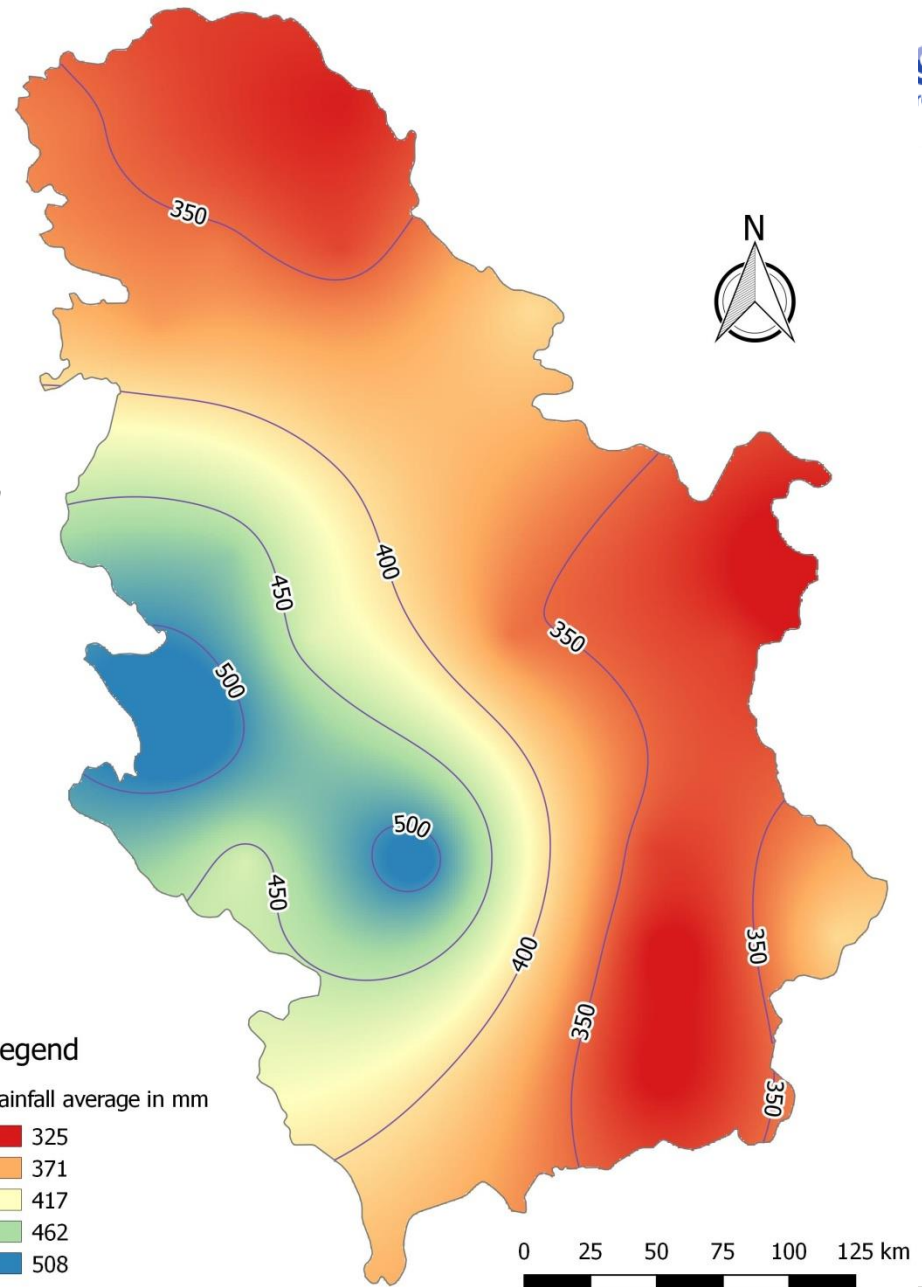
Map of Serbia

SERBIA

Multi-year average sum of rainfalls

- Period 1961-2010
- Vegetation season April 1 - Sept 30
- Summation made on daily rainfall data
- Interpolation is based on 20 selected grid points evenly distributed accros national territory

Data source: CarpatClim and DanubeClim

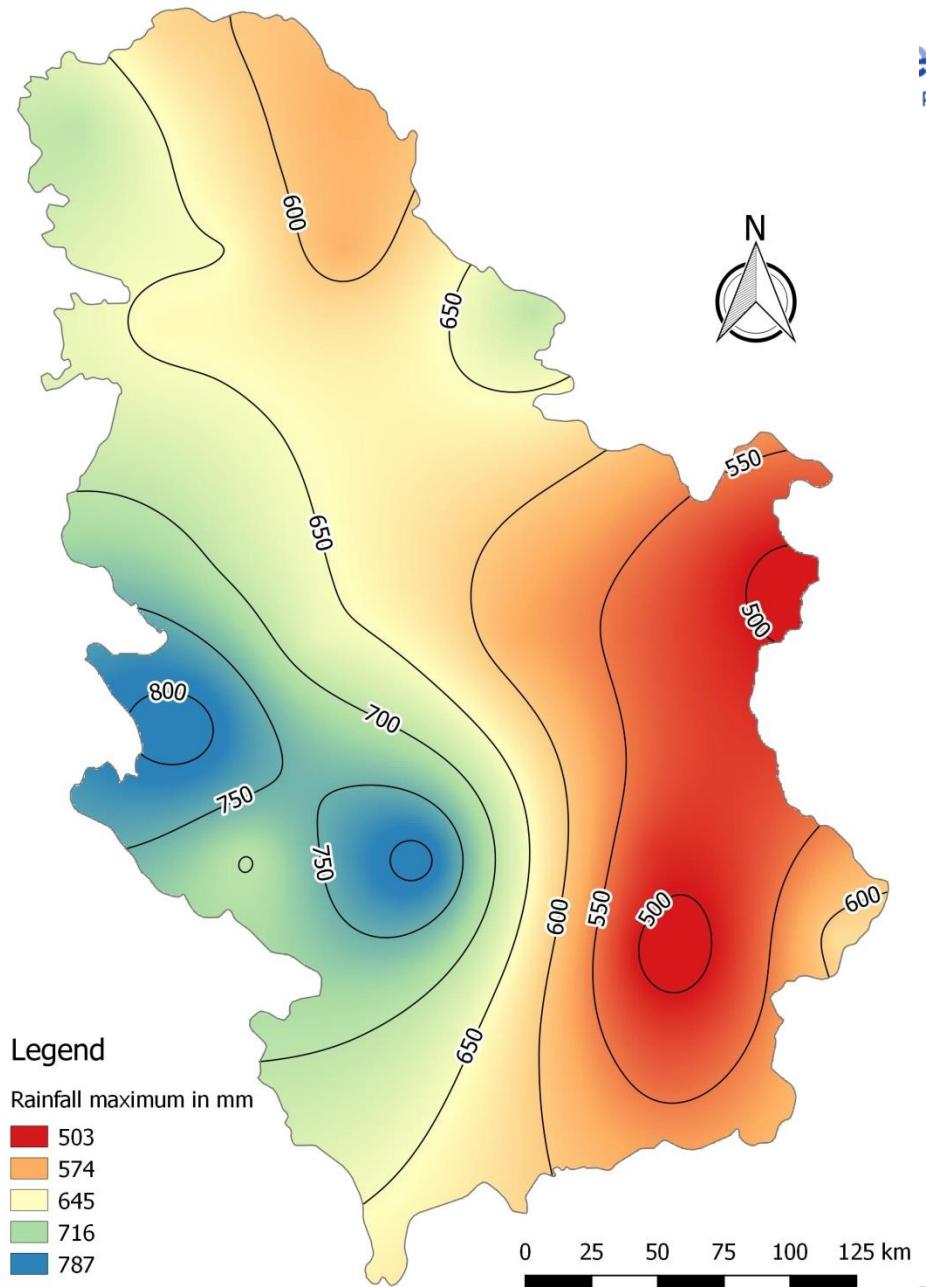


SERBIA

Multi-year maximum sum of rainfalls

- Period 1961-2010
- Vegetation season April 1 - Sept 30
- Summation made on daily rainfall data
- Interpolation is based on 20 selected grid points evenly distributed accros national territory

Data source: CarpatClim and DanubeClim.

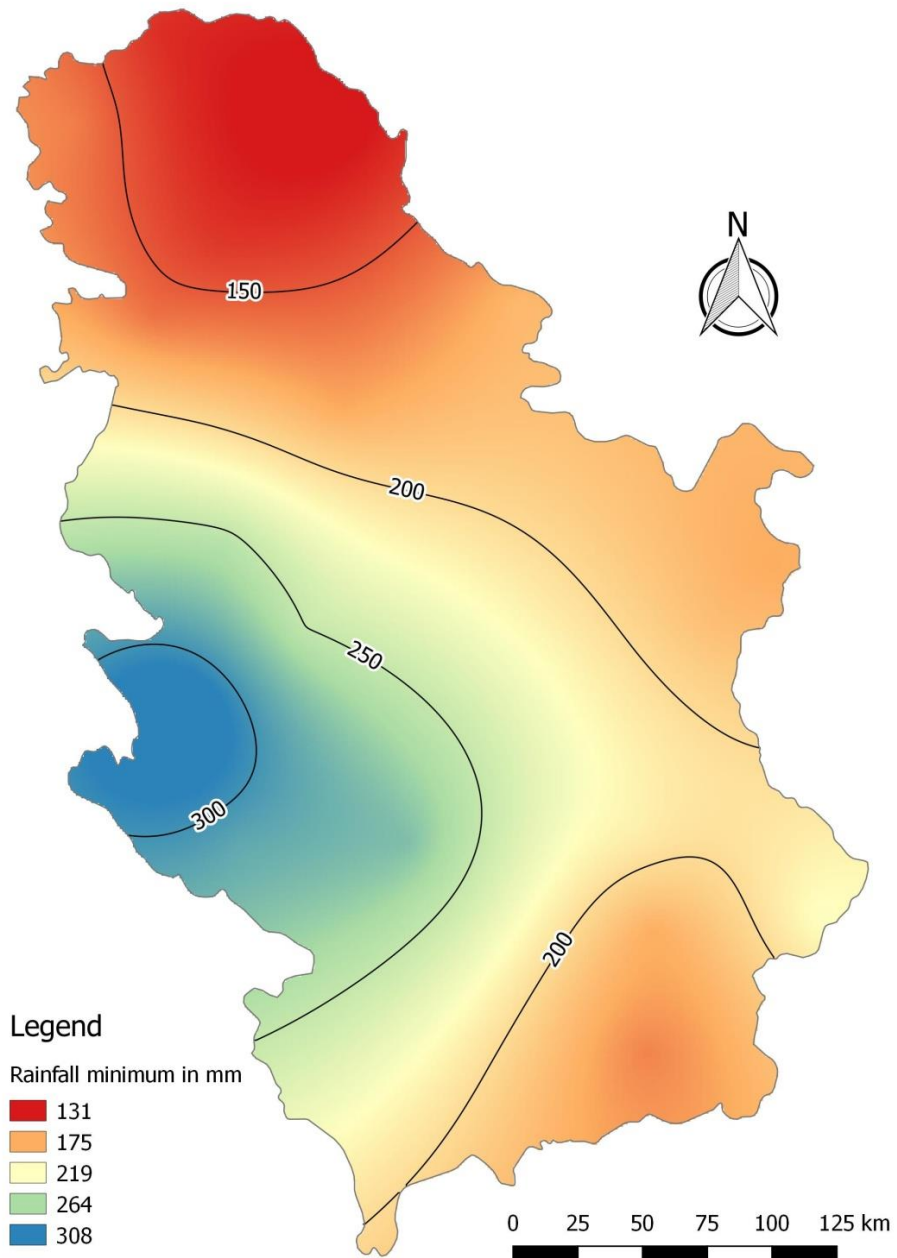


SERBIA

Multi-year minimum sum of rainfalls

- Period 1961-2010
- Vegetation season April 1 - Sept 30
- Summation made on daily rainfall data
- Interpolation is based on 20 selected grid points evenly distributed accros national territory

Data source: CarpatClim and DanubeClim.



TEMPERATURES

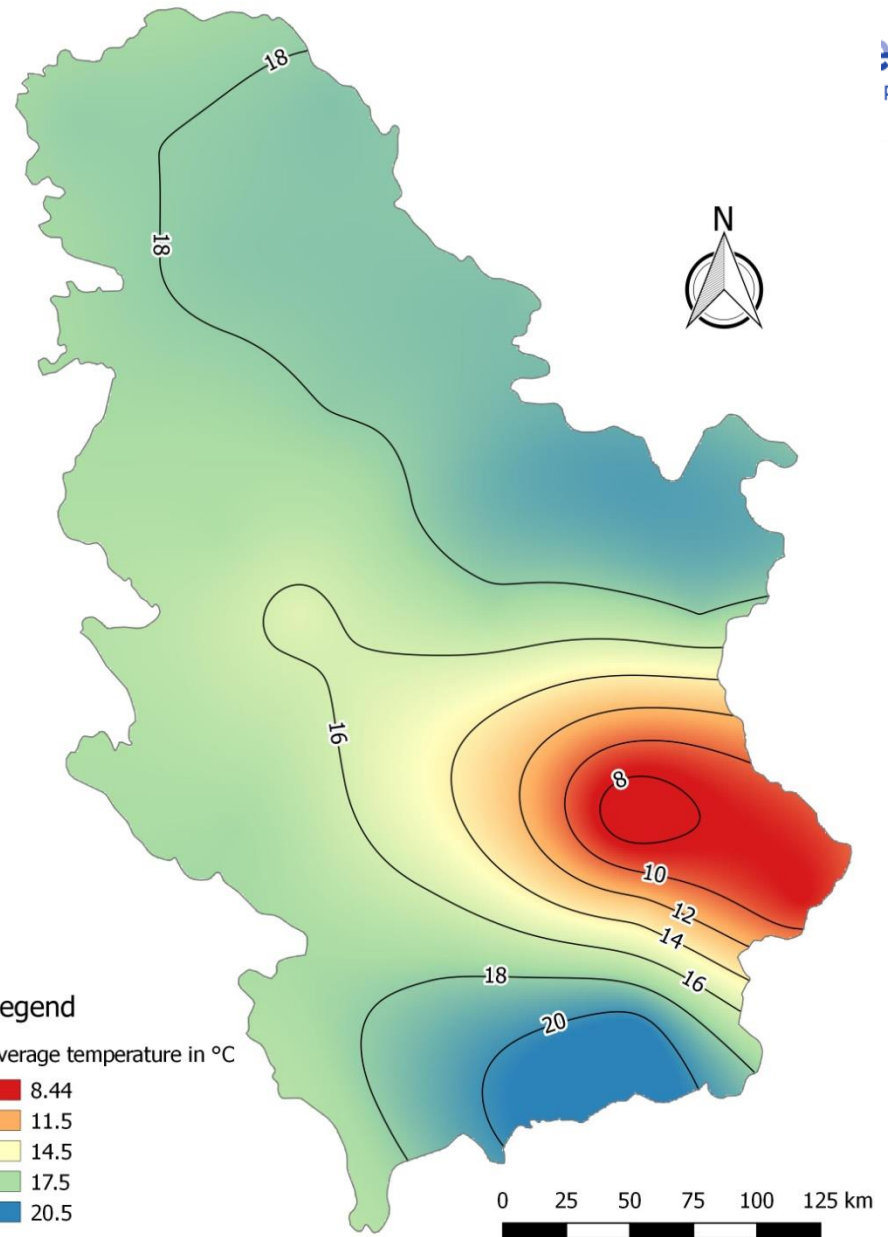
1961-2010

Source: CarpatClim & DanubeClim

SERBIA

Multi-year average temperature

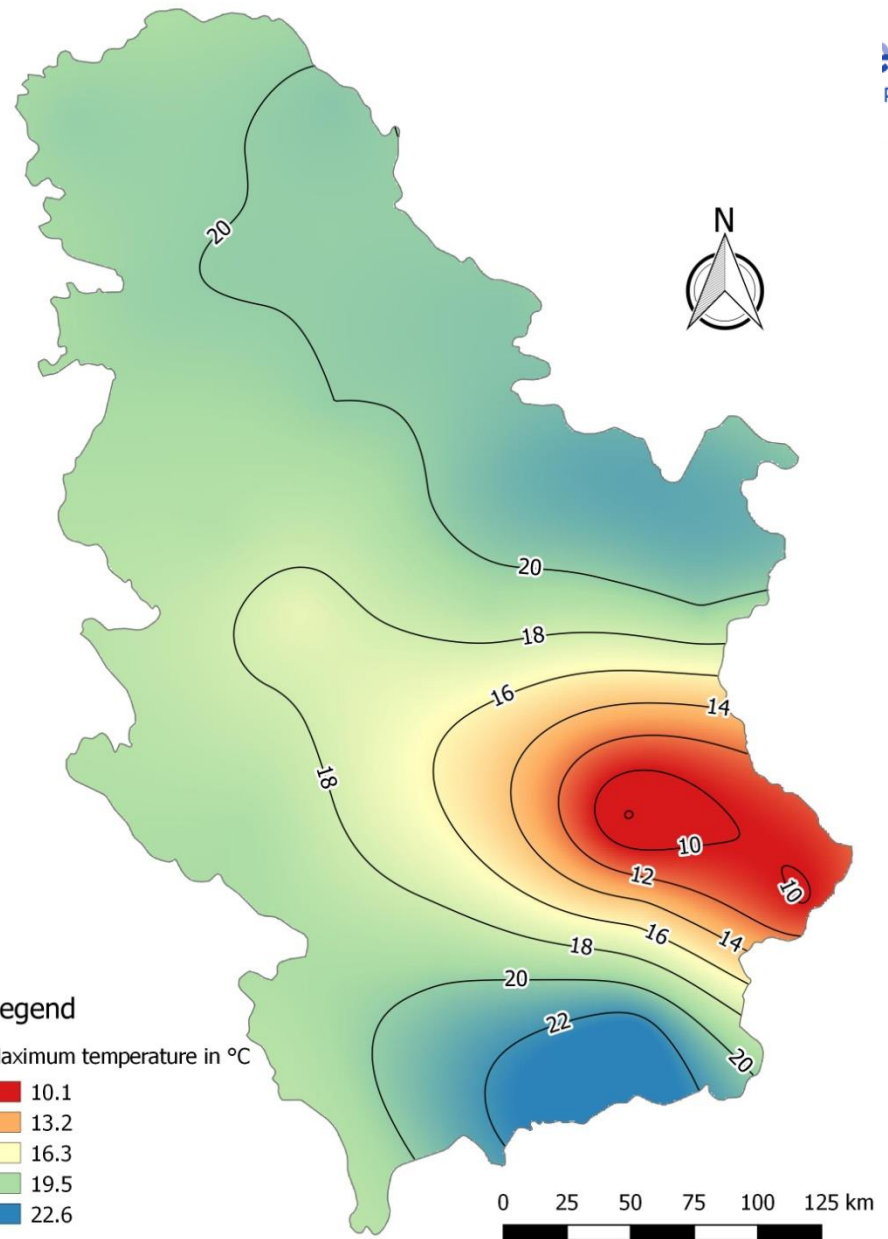
- Period 1961-2010
- Vegetation season April 1 - Sept 30
- Data source is CarpatClim and DanubeClim
- Averaging made on daily temperature data
- Interpolation is based on 20 selected grid points evenly distributed accros national territory



SERBIA

Multi-year maximum temperature

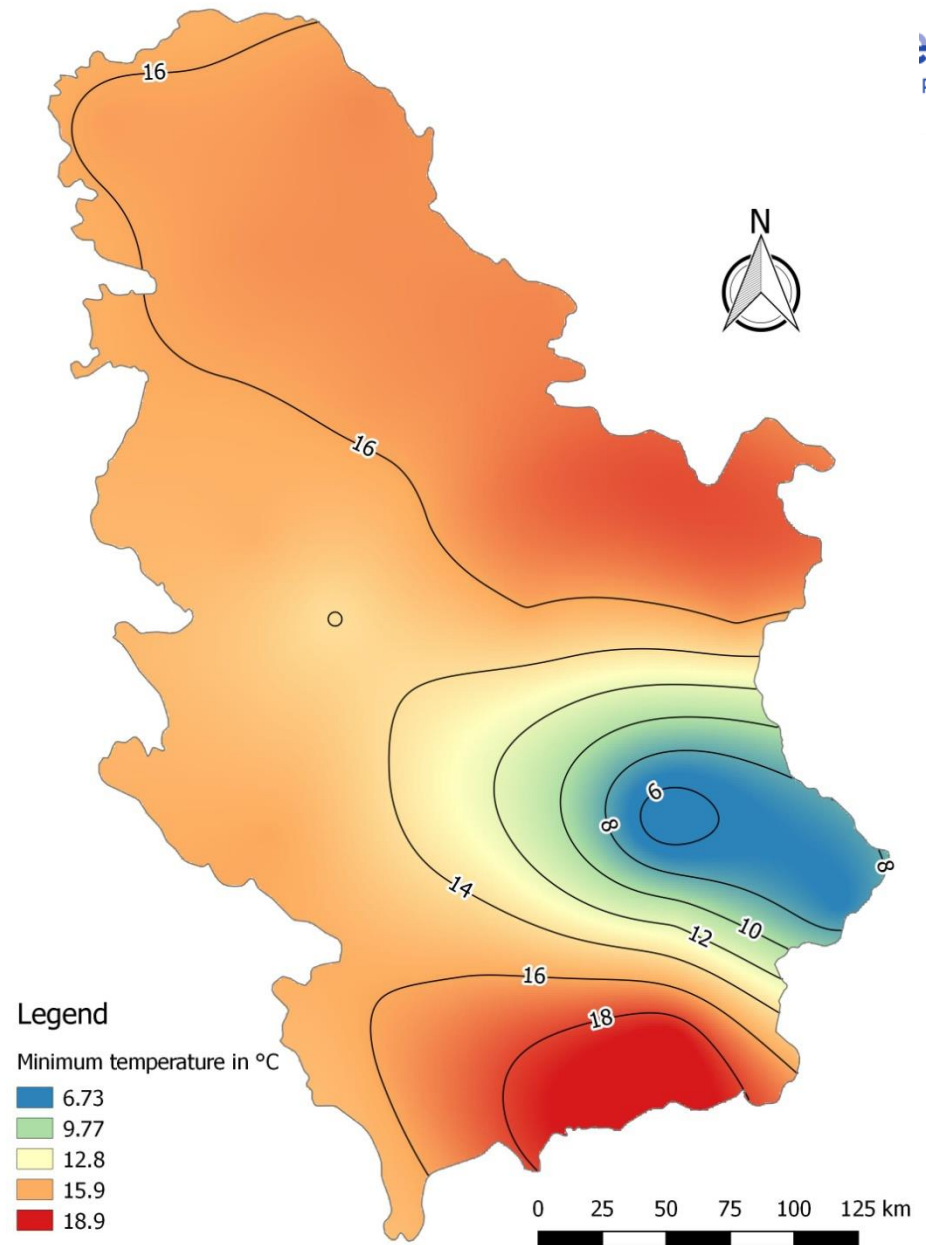
- Period 1961-2010
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SERBIA

Multi-year minimum temperature

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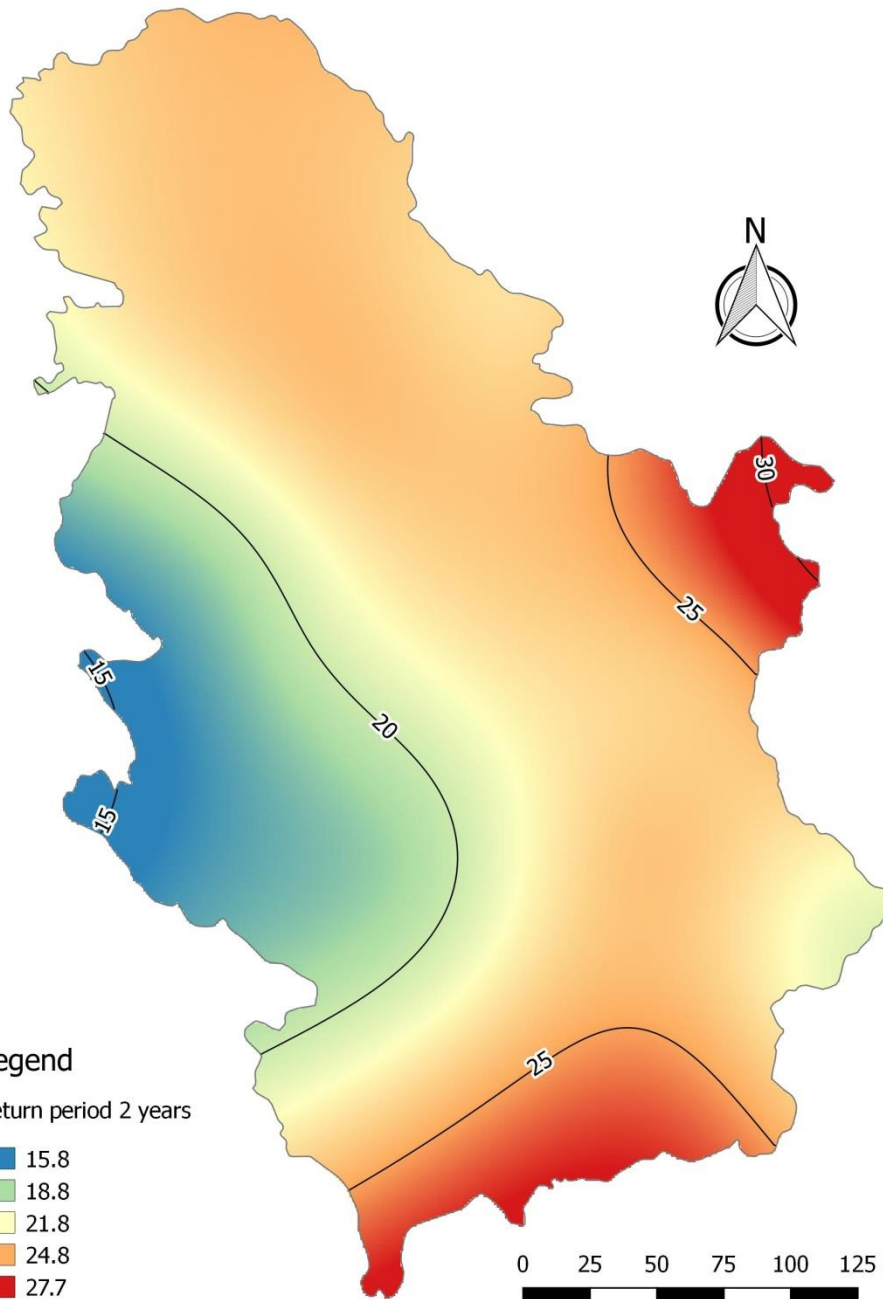


6 MAPS FOR DIFFERENT RETURN PERIODS OF EXTREME RAINLESS PERIODS FOR SERBIA

**ZT METHOD STOCHASTIC ANALYSIS OF RAINLESS PERIODS IN
HISTORIC INTERVAL 1961-2010. (50 YEARS)**



Map of Serbia



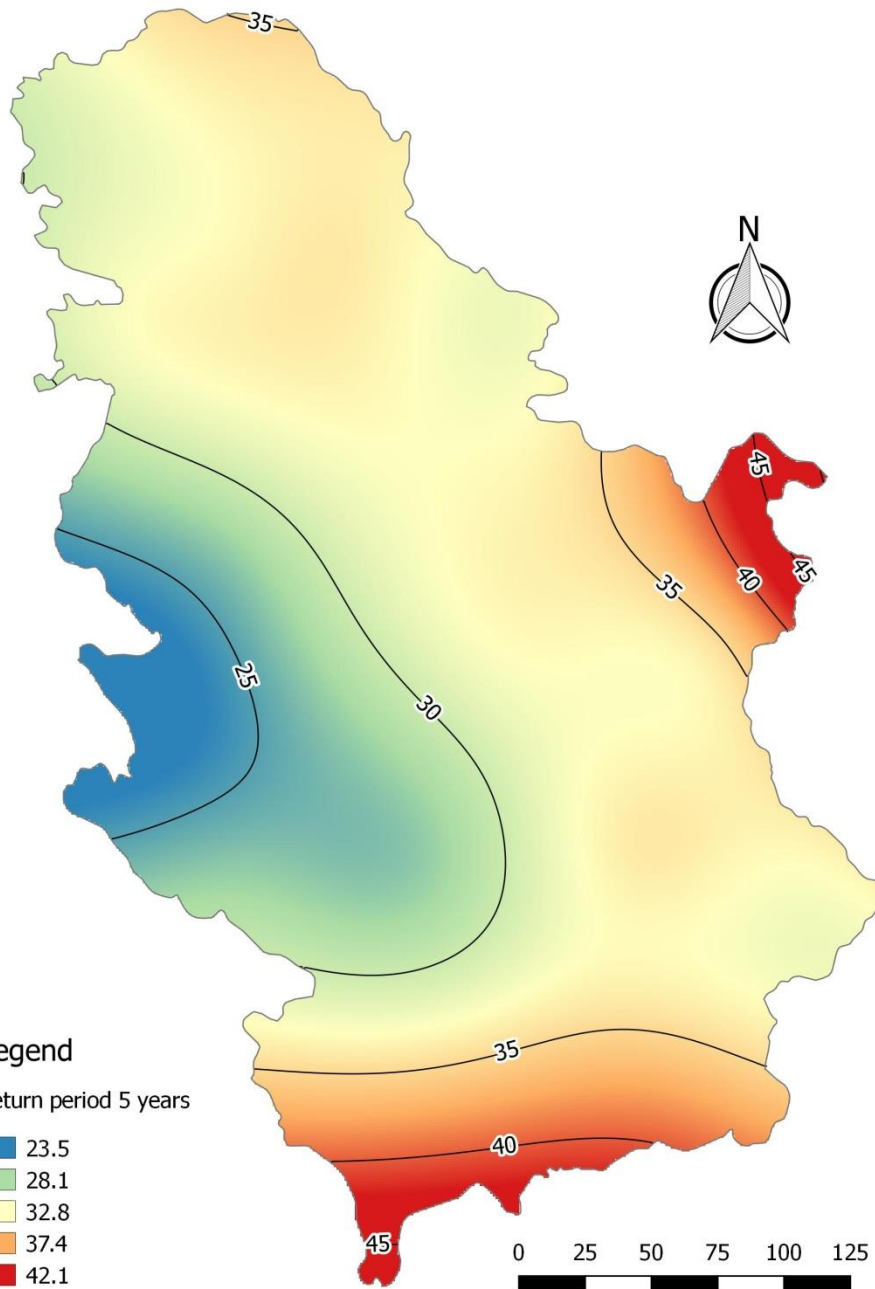
Legend

Return period 2 years

- 15.8
- 18.8
- 21.8
- 24.8
- 27.7

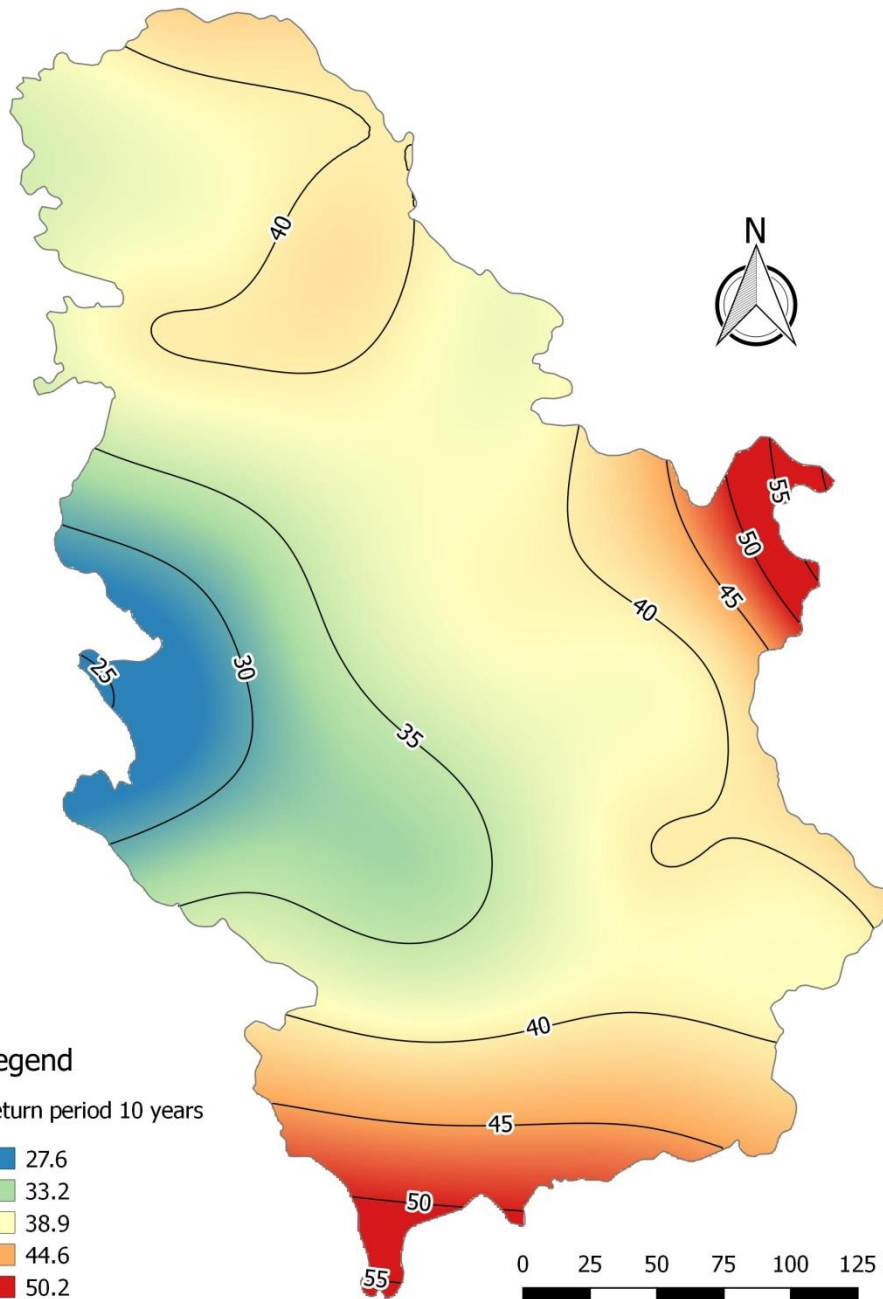
2 YEARS

Durations (isolines) on the map
are in days



5 YEARS

Durations (isolines) on the map
are in days



Legend

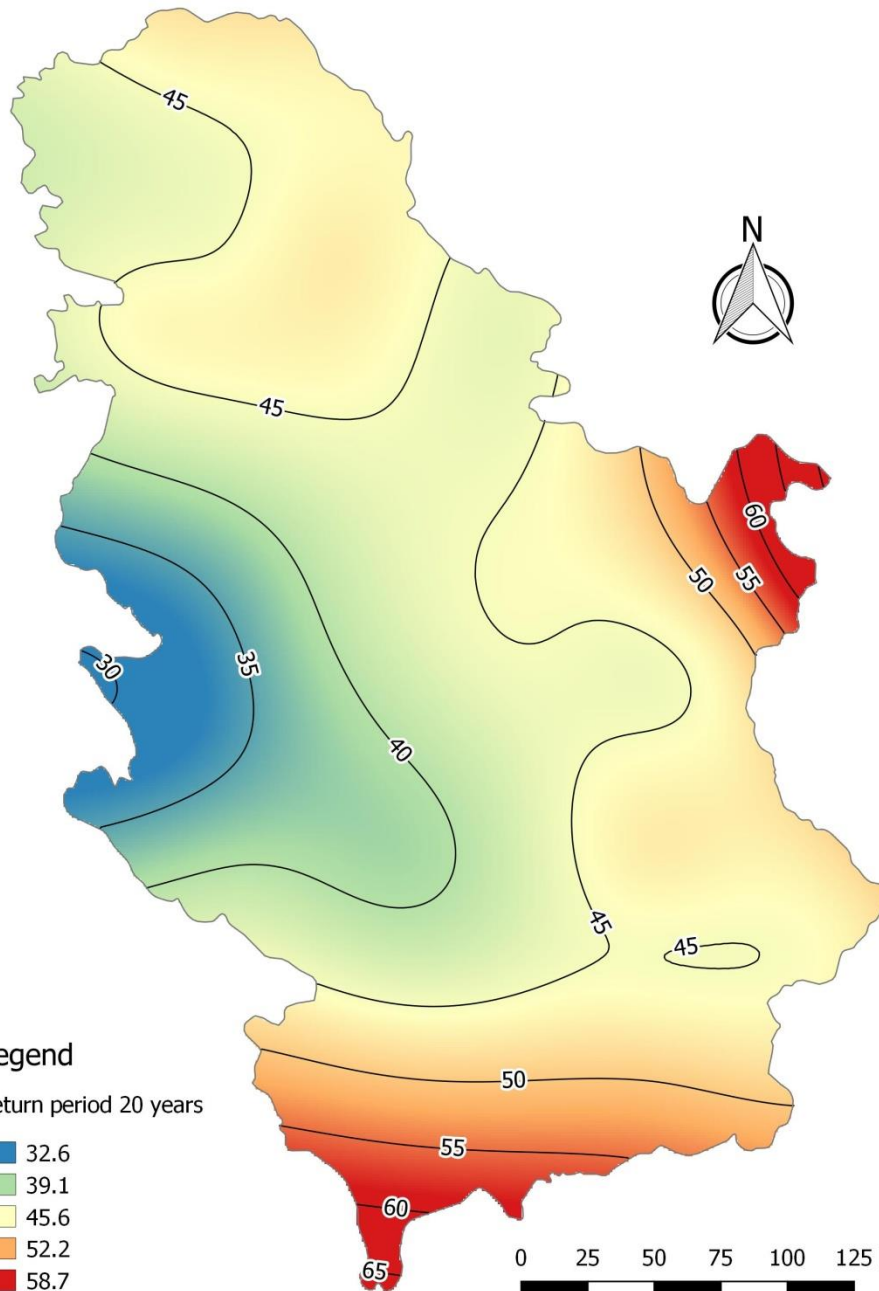
Return period 10 years

- 27.6
- 33.2
- 38.9
- 44.6
- 50.2

0 25 50 75 100 125 km

10 YEARS

**Durations (isolines) on the map
 are in days**



Legend

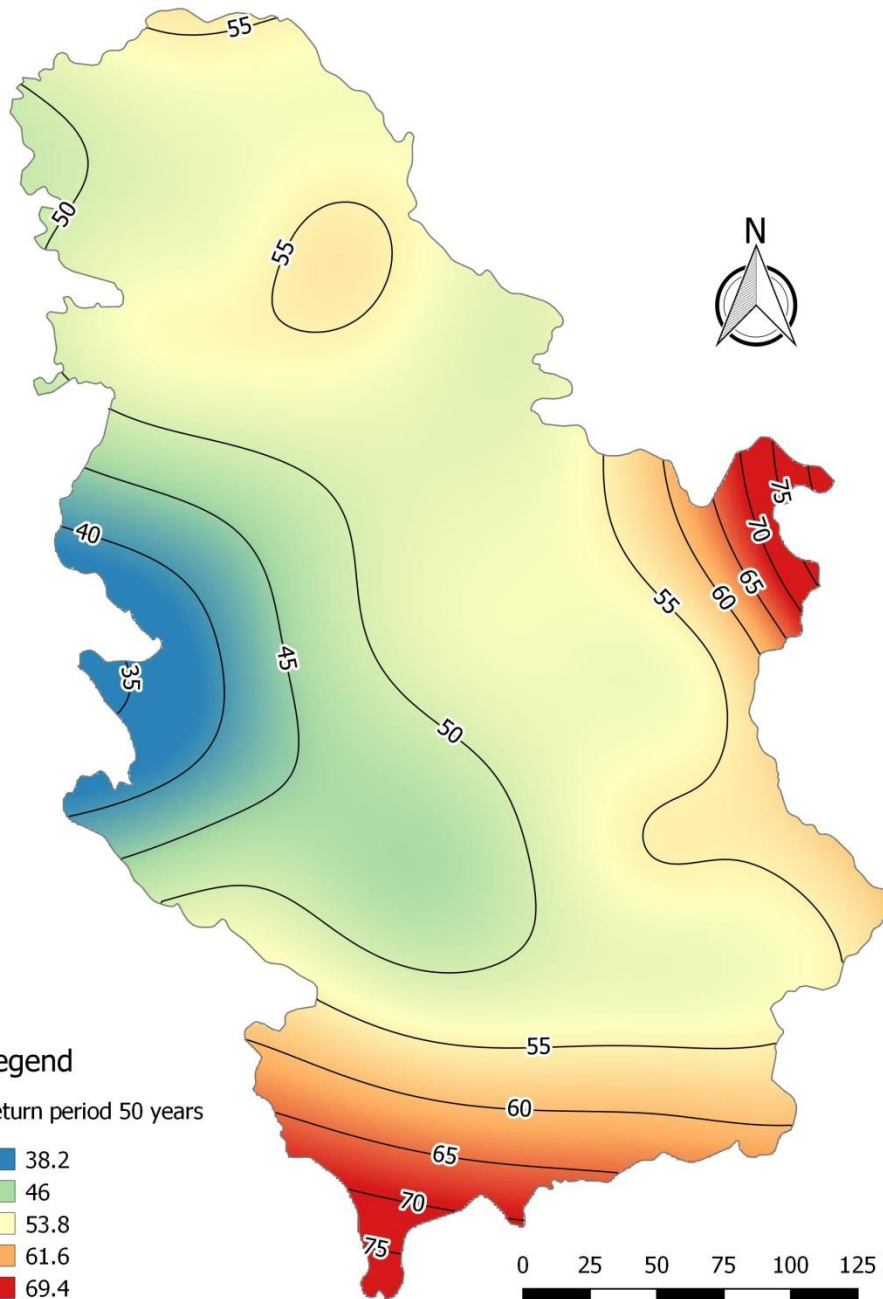
Return period 20 years

- 32.6
- 39.1
- 45.6
- 52.2
- 58.7

0 25 50 75 100 125 km

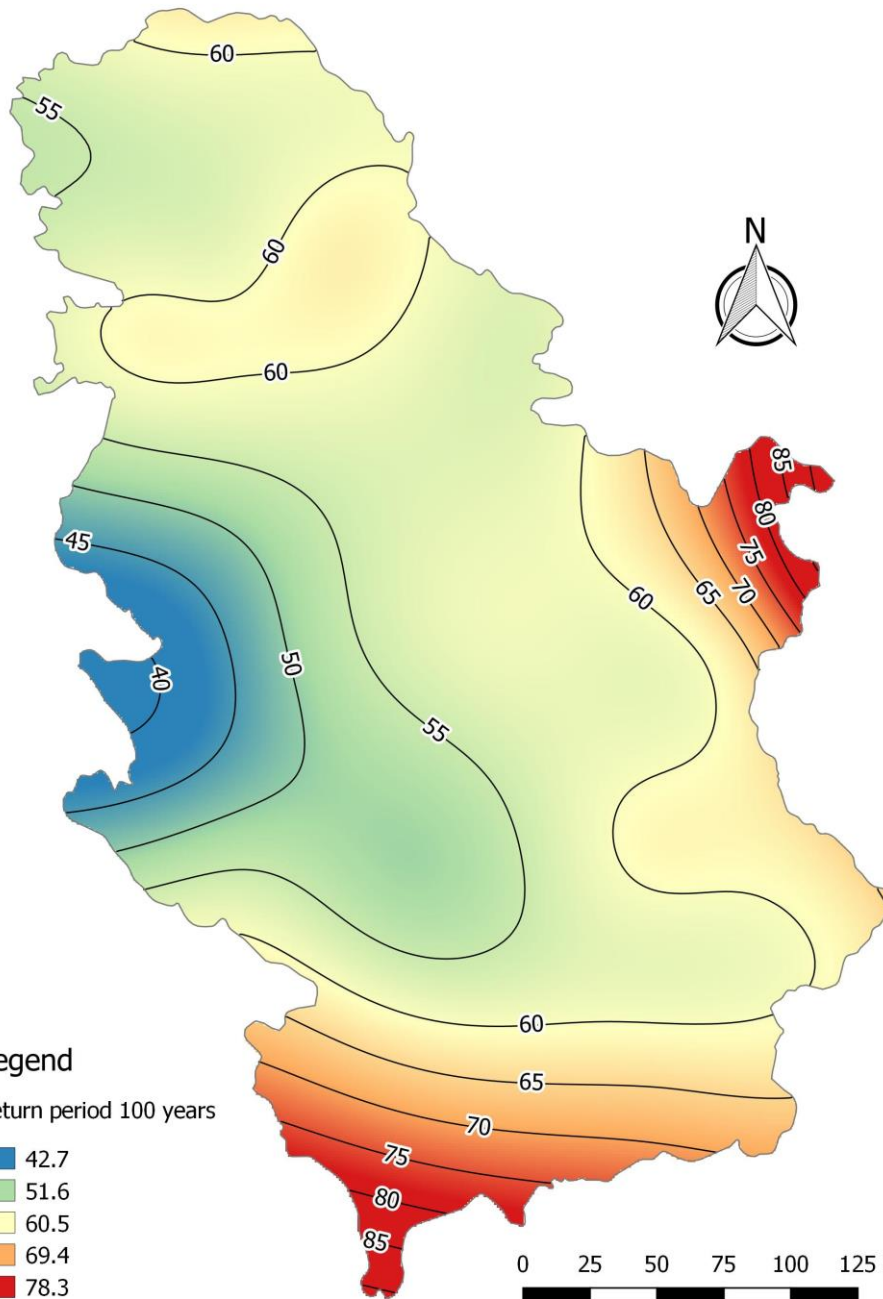
20 YEARS

Durations (isolines) on the map are in days



50 YEARS

Durations (isolines) on the map are in days



100 YEARS

Durations (isolines) on the map are in days

Thanks!

