

# Utjecaj sjevernoatlantske oscilacije na proljetne temperature tla u Hrvatskoj

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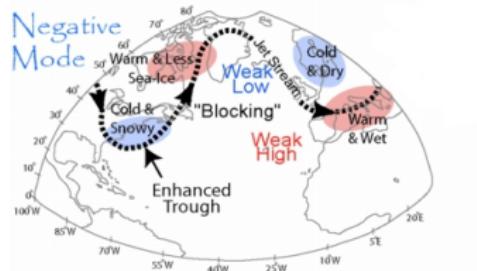
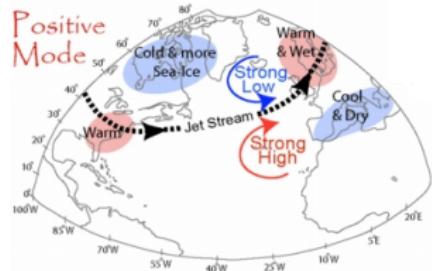
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22. studenog 2013.

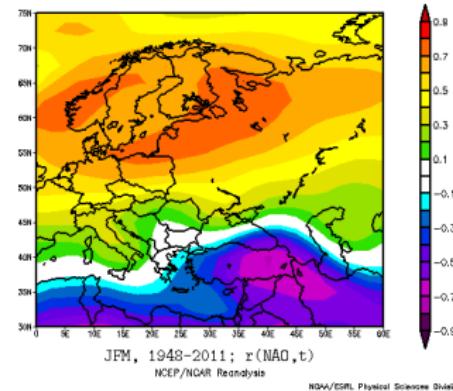
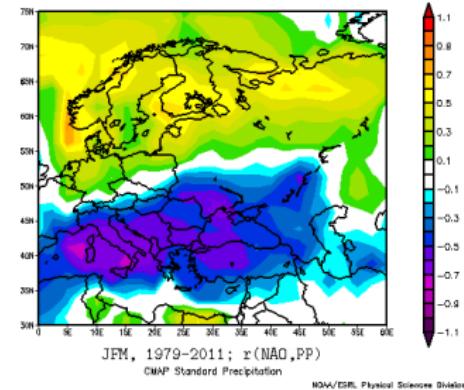
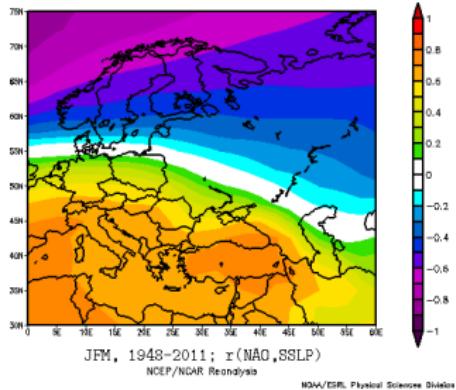
# Uvod

- NAO - eng. North Atlantic Oscillation
- Lisbon (Portugal) - Stykkisholmur/Reykjavik (Iceland)

## North Atlantic Oscillation



<http://www.news-forecasts.com/>

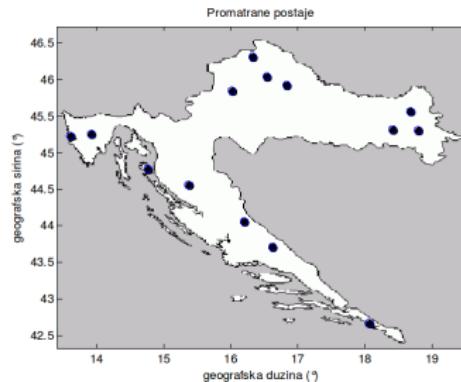


## Predmet istraživanja

- NAO  $\Rightarrow$  temperatura tla

# Materijali i metode

- Srednje mjesecne temperature tla, 1961.-2012.
- 14 postaja

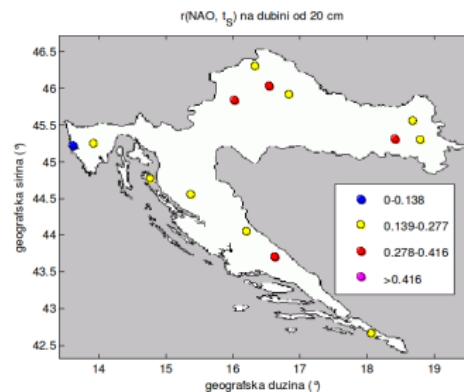
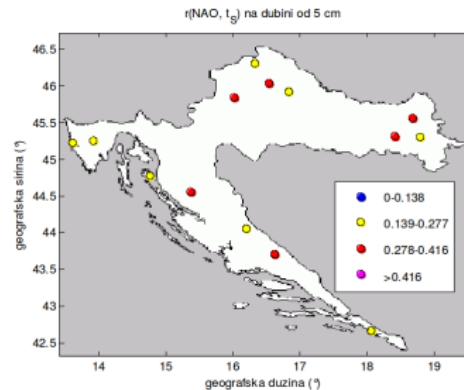
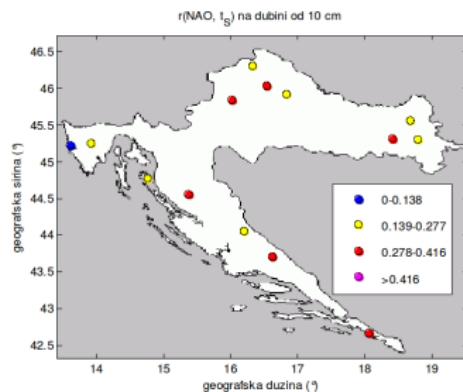
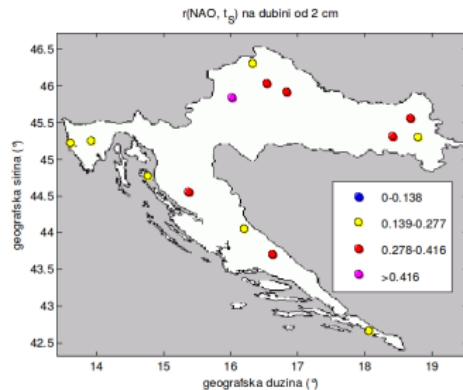


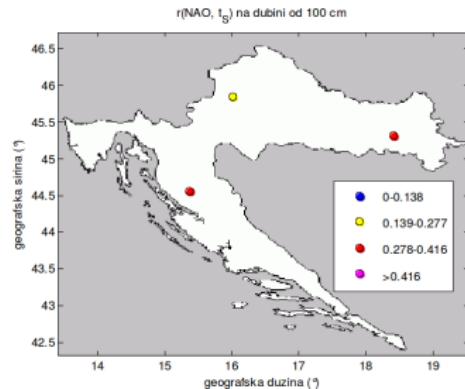
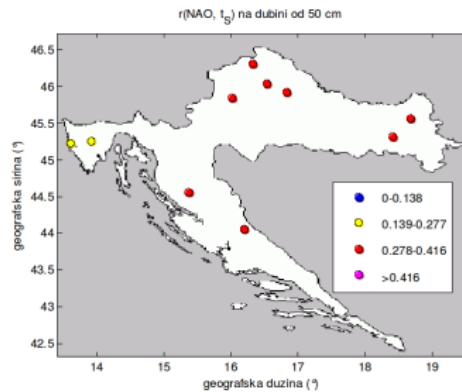
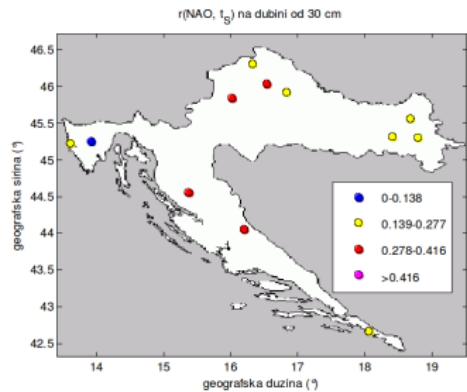
- Pearsonov koeficijent korelacije
- Dvostrani t-test
- $N = 50, \alpha = 0.05 \Rightarrow r = 0.278$

- Državni hidrometeorološki zavod
- The National Center for Atmospheric Research

## Rezultati

- Srednje sezonske vrijednosti
  - ožujak-travanj (MA - eng. March-April)
  - travanj-svibanj (AM - eng. April-May)





## Zaključak

- NAO  $\Rightarrow$  vlažnost tla  $\Rightarrow$  temperatura tla
- Vremenski odgođen utjecaj
- Nelinearna distribucija s dubinom