

# HOW WARM IS IT IN VARAŽDIN?

*How warm is it in Varaždin?*

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## 1 Analysis

Conducted by medical students in Varaždin, Croatia, this study compared air temperature changes between 2000-2004 and 2015-2019, revealing a  $0.4^{\circ}\text{C}$  rise in average annual temperature and shifts toward warmer weather patterns.

## 2 Research Motivation

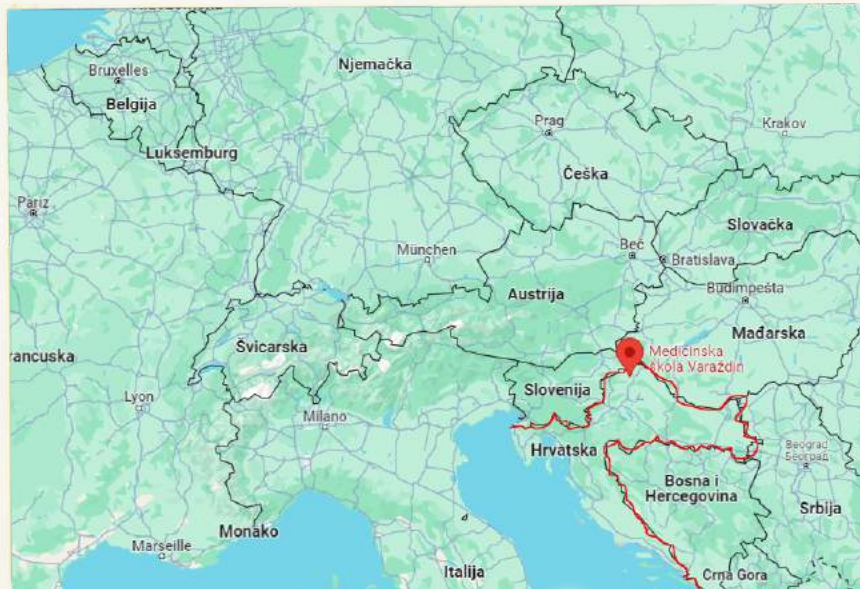
Motivated by global warming concerns, researchers hypothesized and confirmed warming trends, including increased warmer days and reduced colder days between the two periods.

## 3 Methods and Findings

Using the GLOBE atmospheric protocols, the study identified not only a rise in the average temperature but also a significant reduction in icy days and an increase in warmer days in the recent period.



In conclusion, the research by students from the Medical School in Varaždin, confirms a warming trend in Varaždin's climate between the two periods studied, aligning with global patterns of climate change.



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