

EGU24-13063, updated on 19 May 2024

<https://doi.org/10.5194/egusphere-egu24-13063>

EGU General Assembly 2024

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Summer Discomfort During Tropical Nights in Belgrade (Serbia)

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The city of Belgrade has experienced a rise in temperatures during summers, marked by an increased frequency and intensity of heat waves. A concerning element is the escalation of overnight temperatures, which fail to cool down adequately. This phenomenon is particularly prevalent in urban areas due to the urban heat island effect. This study aims to provide evidence of the summer discomfort experienced in Belgrade during tropical nights over the past two decades and its impact on health. To achieve this, it is compiled a dataset containing daily weather information recorded at 9 pm (CET) spanning the years 2000 to 2020.