

[<https://doi.org/10.69646/aob250917>]

[Abstract]

## Urban Observatory of Belgrade

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**Abstract:** We present the three-year project Urban Observatory of Belgrade (UrbObsBel) funded through the Prisma call of the Science Fund of the Republic of Serbia which started in January 2024. We show our instruments and we discuss our first results related to the problem of the light pollution in Serbia. We also plan to perform observations which will provide information on the distribution of energy consumption, which has a major impact on the environment and ecosystems. We pay special attention to the instrument we have made,

but actually developed by Salazar-Vazquez and Mendez-Vazquez (2020), the visible and near-infrared (VNIR) hyperspectral imaging (HSI) detector mounted on the Tower of the Astronomical Observatory of Belgrade, and discuss its applications.

**Keywords:** Light pollution, instruments, visible and near-infrared hyperspectral imaging detector

### **Acknowledgement**

This research was supported by the Science Fund of the Republic of Serbia, no. 6775, Urban Observatory of Belgrade - UrbObsBel and by the Ministry of Science, Technological Development and Innovations of the Republic of Serbia through the Project contract No. 451-03-66/2024-03/200002.

### **References**

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