

Curriculum Vitae



Luka Ilić

Personal Details:

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Environmental Physics Laboratory, Institute of Physics, University of Belgrade,
Pregrevica 118, 11080 Belgrade, Republic of Serbia.

Education:

2012 – Started doctoral academic studies in meteorology, Faculty of Physics, University of Belgrade, Serbia

2012 - MSc (Faculty of Physics, University of Belgrade, Serbia)

Career/Employment:

2015-present: Research Assistant of Environmental Physics Laboratory, Institute of Physics, University of Belgrade

2013-2015: Research Trainee of Environmental Physics Laboratory, Institute of Physics, University of Belgrade

2012-2013: Scientific software developer at South East European Virtual Climate Change Center of Republic Hydro-meteorological Service of Serbia

2007-2012: Research Assistant/Linux System Administrator of South Environment and Weather Agency (SEWA), Belgrade, Serbia

Basic Scientific Interests:

- Numerical Weather Prediction and Modeling;
- Atmospheric mineral dust modeling;

- Aerosol LIDAR remote sensing;
- Parametrizations in numerical weather prediction models;
- High performance computing;
- Aerosol LIDAR measurements and data processing.

National Projects:

III projects:

2011 - 2018: Investigation of climate change and its influences on environment – Monitoring the Influences, Adaptations, and Offsets - **III 43007**

2011 - 2018 Application of low temperature plasmas in biomedicine, environmental protection and nanotechnologies - **III 41011**

International Projects:

2017 – 2021 **InDust** - COST Action "International Network to Encourage the Use of Monitoring and Forecasting Dust Products"

2017 – 2019 **MASP** - Mineral Aerosol Impacts to Sub-seasonal to Seasonal Predictability (ECMWF Special Project)

2016 – 2018 **GEO-CRADLE** - Coordinating and integrating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East, and Balkans and Developing Links with GEO related initiatives towards GEOSS (The GEO-CRADLE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690133.)

2015 – 2018 **Vi-SEEM** – Virtual Research Environment for regional communities in Southeast Europe and the Eastern Mediterranean (VI-SEEM receives funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 675121.)

2008 – 2010 **SEE-GRID-SCI** (SEE-GRID eInfrastructure for regional eScience) co-funded by the European Commission in the FP7 Research Infrastructures Framework

2007 – 2010 **ADRICOSM STAR** (ADRIatic sea integrated COastal areaS and river basin Management system: Montenegro Coastal Area and Bojana river catchment) funded by Italian Ministry for the Environment and Territory