

## Victor Matasov



### CONTACT INFORMATION

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### POSITION

1) Researcher at RUDN laboratory “Smart technologies for sustainable development of urban environment in the conditions of global change” (Moscow)

2) Researcher at Physical Geography and Landscape Science department, Faculty of Geography, Lomonosov MSU

### INTRODUCTION

I’m a geographer and landscape is in my primal focus while it is a very broad theoretical concept. My research interests cover a wide range of topics from mapping natural landscapes to acoustic ecology of urban areas.

I worked with paleogeographers, geomorphologists, geophysicists and archaeologists at the Avdevo and Zabolotye archaeological sites. I was engaged in mapping the natural reserves in the Meshchera Lowlands, and monitoring changes of natural complexes at the field-station Lesunovo in the Ryazan region. I studied long-term land use changes based on historical maps and satellite images using statistical modeling with environmental history approach. Participated in the formulation of a strategy for the development and functional zoning of museums-reserves and UNESCO sites. Co-author of the Russian regions mental maps Atlas. I studied soundscapes and even virtual landscapes.

### RESEARCH EXPERIENCE

Since 2010 – Lomonosov MSU, Faculty of Geography, Physical Geography and Landscape Science department

### SKILLS AND EXPERTISE

#### **EXPERTISE:**

- Land use and land cover change;
- Land System Science;
- Landscape Ecology;
- GIS and remote sensing;

#### **SKILLS:**

- GIS-soft: qgis, mapinfo, arcgis, saga-gis, globalmapper, scanex image processor
- Data analysis: Statistica, R
- Ground Penetrating Radar: GeoScan, CartScan

- Historical geography and environmental history;
  - Cultural and natural heritage;
  - Landscape archaeology;
  - GPR in landscape science;
  - Acoustic Ecology and Soundscape
- Soundscape: WaveSurfer, AdobeAudition

### **PUBLICATIONS (or link to scientific profile in databases)**

PIИЦ: 657973

IstinaResearcherID (IRID): 1058880

ResearcherID: L-8721-2015

Scopus Author ID: 56165936600

ORCID: 0000-0003-3494-116X

### **EDUCATION**

**2014-2018** PhD degree in Geography

Lomonosov Moscow State University, Faculty of Geography, Department of physical geography and landscape science.

PhD thesis: “Land use change in Meshchera landscapes since 18<sup>th</sup> century”

Advisor: Prof. Kirill Diakonov

**2002-2007** Specialist degree in Geography

Lomonosov Moscow State University, Faculty of Geography, Department of physical geography and landscape science.

Graduation project: “Structure and dynamics of outwash plains outliers in south-west Meshchera” Advisor: Leading Researcher, Irina Mamai.

### **GRANTS AND FELLOWSHIPS**

- 2019 – 2020 RGO 20/2019-II: “To remember ...”: creation of an atlas-reference book of lost Russian toponymy of the Near Abroad
- 2017 – 2018 RGO 21/2017-II: Creation of atlas of mental maps of Russian regions
- 2016 – 2018 RSF 16-17-10045: Human-environment interaction in the forest zone of the East-European Plain during the Holocene: landscape dynamics and land-use history
- 2014 - 2016 RFBR 14-05-00568a Cartographic modeling of intralandscape dynamics of land use in European Russia in XVIII-XX c.
- 2014 – 2016 RFBR 14-05-00618a Formation of anthropogenic landscapes of forest, forest-steppe and steppe regions of Russia
- 2013 - 2015 RFBR 13-05-00821a Criteria for emergent properties of the landscape spatial structure
- ESEH Summer School “Natural and Cultural Heritage Under Different Governments”, Zadar, Croatia, 2017

- Summer School “Land-System Science for analyzing dynamic landscapes: data, tools and models”, WSL, Filzbach, Switzerland, 2017
- One month Internship at Copenhagen University, working on PhD-thesis, 2016
- Courses on Scanex Web GeoMixer, Scanex Image Processor and Themetic Pro, Scanex, Moscow, Russia, 2011

### **PROFESSIONAL MEMBERSHIPS**

- Russian Geographical Society (PГО)
- International Association for Landscape Ecology (IALE)
- European Society for Environmental History (ESEH)
- Global Land Program (GLP)