

PAVEL KIPARISOV

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Austria



EXPERIENCE

Researcher – Multi-Hazard Risk Modeling

International Institute for Applied Systems Analysis (IIASA)

October 2023 – present Laxenburg

- Investigating the risks of climate-driven wildfires around the world.
- Examining the indirect effects of nuclear war on the global food system.

Space Applications Intern

United Nations Office for Outer Space Affairs (UNOOSA)

September 2021 – March 2022 Vienna

- Gathered information and created a database of open software tools to help people apply for opportunities in the "Access to Space for All" program and created a Linux virtual machine with preinstalled showcase software.
- Developed an original Python software STAY-ON (SaTellite decAY mONitor) that tracks the launch and decay of space objects and satellites.

Teaching Assistant – GIS and Geospatial Analysis

Systems Laboratory, Central European University (CEU)

January 2020 – January 2022 Vienna

- Developed course materials and conducted hybrid teaching in graduate classes on geographic information system and geospatial analysis.

Program Officer – Food Security, Safety, and Trade

Food and Agriculture Organization of the United Nations (FAO)

November 2015 – December 2019 Budapest

- Conducted field missions to Kyrgyzstan, Tajikistan, North Macedonia, and the Republic of Moldova to study the environment for agribusiness, food security, and food loss and waste; the resulting recommendations to governments were incorporated into their national development strategies.
- Co-authored a book on the architecture of food safety systems in the EU and the EAEU.

Research Intern – Energy and Climate Change

Centre for European Policy Studies (CEPS)

July 2015 – September 2015 Brussels

- Supported the development of the European Smart Cities Information System, an EU-funded project; co-authored papers on trade in agricultural products and 'carbon bubble' implications for finance and investment.

Teaching Assistant - Strategy

New Economic School (NES)

May 2013 – July 2014 Moscow

- Supported INSEAD professor of Strategy in the corporate MBA programme.

EDUCATION

Environmental Sciences (*Minor in Network Science*), Doctoral School Central European University (CEU)

Sep 2019 – present Vienna

Dissertation on the loss of access to critical services in cities due to disasters and placing facilities under uncertainty.

Past MA studies: Economic Policy, Public Policy, Systemic History, EU International Relations and Diplomacy

LANGUAGES

HUMAN

Russian



English



German



French



Hungarian



MACHINE

Python



LaTeX



Shell



R



SOFTWARE/OS

QGIS ArcGIS NetLogo Stella

Blender GIMP Inkscape

Photoshop DaVinci Resolve

Premiere Audition Audacity

GNU/Linux

HOBBIES

music performance and writing

ancient and medieval philosophy

l'École des Annales martial arts

photography video making

LIST OF PUBLICATIONS

Select articles and reports

Kiparisov, P. (2024) Budget in Crisis: Lessons from Complexity Theory. *The Crisis Response Journal*, United Kingdom.

Krasovskiy A.; San Pedro, J.; Kiparisov, P. et al. (submitted). Latin America Fire Futures: Utilizing the FLAM Framework for Modeling Regional Wildfires. *Environmental Research: Climate*, United Kingdom.

Corning, S., Krasovskiy A.; Kiparisov, P. et al. (2024). Anticipating Future Risks of Climate-Driven Wildfires in Boreal Forests. *Fire*, Switzerland.

Kiparisov, P., Lagutov, V., Pflug G. (2023). Quantification of Loss of Access to Critical Services During Floods in Greater Jakarta: Integrating Social, Geospatial, and Network Perspectives, 31 pp. *Remote Sensing*, Switzerland.

Kiparisov, P. (2021). Urban System Resilience to Floods: Greater Jakarta Case. *International Institute for Applied Systems Analysis*. Vienna, Austria, 35 pp.

O'Connell, J., Kiparisov, P. (2018). Assessment of Agribusiness Environment in Kyrgyzstan. *Food and Agriculture Organization of the United Nations*. Rome, Italy, 32 pp.

O'Connell, J., Kiparisov, P. (2018). Kyrgyzstan Value Chain Gap Analysis. *Food and Agriculture Organization of the United Nations*. Rome, Italy, 105 pp.

O'Connell, J., Kiparisov, P. (2018). Moldova Value Chain Gap Analysis. *Food and Agriculture Organization of the United Nations*. Rome, Italy. 65 pp.

Núñez Ferrer, J., Kiparisov, P. (2015). Can the Carbon Bubble Become a Serious Financial Bubble? *Centre for European Policy Studies (CEPS)*.

Monographs

Sedik, D., Ulbricht, C., Dzhamankulov, N., Kiparisov, P. (2017). The Architecture of Food Safety Control Across Eurasia: The European Union and The Eurasian Economic Union, 108 pp.

Kiparisov, P. (2013) National Consciousness and Identity in Western Europe in the XVI-XVIII centuries (Rus.) 103 pp.

Theses

Urban System Resilience to Catastrophes, Ph.D. dissertation (Work in Progress). *Central European University*, Austria.

Rethinking the European Union's Financial Architecture for External Action in Light of Manifold Crises (2023). *College of Europe*, Belgium.

The Selection of Logistics Centers Location: Case of Russia (2016). *Central European University*, Hungary.

TRAINING

2024: Real World Risk Taking, Educational Program led by Nassim Nicholas Taleb (RWRI), New York (online).

2021: Young Scientists Summer Programme, International Institute for Applied Systems Analysis (IIASA), Laxenburg.

2019: Training of trainers on EX-Ante Carbon Balance Tool (EX-ACT), Food and Agriculture Organization of the United Nations, Budapest.

2018: Geospatial Solutions for Water Management, United Nations Office for Outer Space Affairs and Central European University, Budapest.

2017: Sustainable Food Systems and Value Chains, Food and Agriculture Organization of the United Nations, Budapest.

2013: Effective presentation skills, KPMG Business School, Moscow.

PUBLIC TALKS

2020: The role of food systems in Europe and Central Asia: Tajikistan case study / FAO Workshop "Awareness raising on the food system approach to address malnutrition", Belgrade (online).

2019: FAO experience in linking tourism to agriculture in Europe and Central Asia / International Tourism Forum Tajikistan-2019, Dushanbe.

2018: Value chain gap analysis: fish perspective / Workshop "WTO, market access and fish trade", FAO and Ministry of Agriculture, Forestry and Water Management of Serbia, Belgrade.

DELEGATE

2019: United Nations / Austria World Space Forum "Access to Space4All".

2018: United Nations / Germany High Level Forum on space innovations: The way forward after UNISPACE+50 and on Space2030.