

Curriculum Vitae

Personal information

Surname / First name **SIRODOEV, Igor**
E-mail ingvarri@gmail.com
Nationality Republic of Moldova
Date of birth 21.03.1979
Gender male

Work experience

Dates September 2008 onwards
Occupation or position held Superior lecturer (2008), Associate professor (2010) (part time)
Main activities and responsibilities Delivering lectures and seminars in "Sustainable development" for M.Sc. in *Environmental Sciences*
Name and address of employer University of the Moldavian Academy of Sciences, 3/2, Academiei Street, Chişinău MD-2028, Republic of Moldova <http://www.edu.asm.md/ro/node/389>
Type of business or sector Higher education institution

Dates May 2004 onwards
Occupation or position held Engineer (2004), junior researcher (2006), senior researcher (2009) & in charge of international relations (2009)
Main activities and responsibilities

- Conducting scientific research in urban and economic geography, regional development
- Advanced spatial modelling using geoinformation technologies
- Managing international relations in the Institute

Name and address of employer Institute of Ecology and Geography, 1, Academiei Street, Chişinău MD-2028, Republic of Moldova <http://ieg.asm.md/>
Type of business or sector Academic research institution

Education and training

Dates October 2010 onwards
Title of qualification awarded Postdoctoral fellow
Principal subjects/occupational skills covered Theme: "Control and Self-Adjustment Mechanisms in Trans-Scale Dynamics of Territorial Systems". Theoretical research into the dynamics of territorial systems
Name and type of organisation providing education and training University of Bucharest, Bucharest, Romania <http://www.unibuc.ro>
Scholarship by University of Bucharest

Dates 2002-2008
Title of qualification awarded PhD in Geography
Principal subjects/occupational skills covered Thesis Title: "Cities and Regional Development in the Republic of Moldova". Theoretical research into the cities' role in regional development planning, having the Republic of Moldova as a case study
Name and type of organisation providing education and training University of Bucharest, Bucharest, Romania <http://www.unibuc.ro>
Scholarship by Romanian Government

Dates 2001-2002
Title of qualification awarded Master of Science in Geography
Principal subjects/occupational skills covered Thesis Title: "Elements of the Urban Morphology: Applications to the cities in the Republic of Moldova". Theoretical research on urban system modelling with application in fractal mathematics
Name and type of organisation providing education and training University of Bucharest, Bucharest, Romania <http://www.unibuc.ro>
Scholarship by Romanian Government

Dates 1997-2001

Title of qualification awarded | Bachelor of Science in Geography

Principal subjects/occupational skills covered |

- Human Geography; Physical Geography; Cartography and Geographical Information Systems
- Majoring in Human Geography and Geography of Tourism

Name and type of organisation providing education and training | Al.I. Cuza University, Iasi, Romania <http://www.uaic.ro>
Scholarship by Romanian Government

Personal skills and competences

Mother tongue(s) | **Russian**

Other language(s)

Self-assessment
European level (*)

Romanian

English

French

Ukrainian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Additional information

- Member of the Editorial Board of the *Journal of Urban and Regional Analysis* (<http://www.jurareview.ro>)
- Visiting researcher at Pennsylvania State University, USA (January-April 2005) and Belgorod State University, Russia (July-December 2008)
- Participated in 4 national and 10 international research projects (UNDP – 3, CRDF – 3, NATO – 1, INTAS – 1, OSI/LGI – 1, and Russian Fund for Fundamental Research – 1)
- Published more than 50 scientific and didactical works, including 2 books, 5 school atlases, 6 sets of maps, and more than 10 articles in peer-reviewed journals.

Annexes

List of selected works

Last revised: January 2012

Selected works

Books

- ȘIRODOEV, IG**, 2002: *Turismul în Republica Moldova. Studiul de geografie umană*. Chișinău: Primex-com. 188p. (Tourism in the Republic of Moldova: A survey of human geography)
- ȘIRODOEV, IG**, 2009: *Cities and regional development in the Republic of Moldova: A geographic synthesis*. Chisinau: Elena-V.I. 50 p.
- OSOIAN, I, ȘIRODOEV, IG, VEVERIȚĂ, E, PROHNIȚCHI, V**, 2010: *Analytical study on optimal administrative-territorial structure for Republic of Moldova*. Chișinău: Expert-Grup, 146 p. http://www.expert-grup.org/library_upld/d284.pdf

Chapters

- ЛАПЫКИН, НВ, и СЫРОДОЕВ, ИГ**, 2004: Некоторые подходы к оценке воздействий изменения и изменчивости климата на водные ресурсы. В: КОРОБОВ, РМ. *Климат в Молдове в XXI веке: проекции изменений, воздействий, откликов*. Кишинэу: Елан-Полиграф. Стр. 174-225. (Some approaches to the assessment of the impact of climate change and variability on water resources)
- ȘIRODOEV, IG**, 2007: Regional development policy in the Republic of Moldova: Reconciling public administration and regional development reform. Budapest: FDI. 32 p. http://gi.osi.hu/publications_datasheet.php?id=368
- ȘIRODOEV, IG**, 2009: Climate change and water resources. In: Oprunenco A., Prohnițchi V. (eds.): *Climate change in Moldova: Socio-economic impact and policy options for adaptation (2009/2010 National human development report)*. Chișinău: UNDP. P. 49-62 http://www.undp.md/publications/2009NHDR/NHDR_eng_Chapter4.pdf
- ȘIRODOEV, IG**, 2011: Les étapes du développement des villes de la République Moldavie. Dans: IANOȘ, I, POPA, N, CERCLEUX AL (coord.). *Éléments de planification territoriale et développement régional*. Bucarest: Edit. Univ., p. 263-274. (The phases of development of the cities in the Republic of Moldova)

Articles in peer-reviewed journals

- IANOȘ, I, BRAGHINĂ, C, ȘĂRODOEV, IG**, 2003-2004: Geographical considerations regarding the Romanian higher education. *Revue Roumaine de Géographie*, no. 47-48, p. 57-82
- СЫРОДОЕВ, ГН, СЫРОДОЕВ, ИГ**, 2005: Структура информационной системы «Природное и культурное наследие Молдовы». *Buletin științific Revistă de etnografie, științele naturii și muzeologie*, nr. 2 (15), serie nouă, pp. 39-44. (Structure of the information system "Moldova's natural and cultural heritage")
- ȘIRODOEV, IG**, 2005: Centralitatea sistemului de așezări al Moldovei: determinarea corespunderii și analiza dinamicii. *Buletinul Academiei de Științe a Moldovei. Științele vieții*, nr. 1 (296), p. 176-181. (Centrality of Moldova's urban system: determination of the correspondence and analysis of its dynamics)
- ȘIRODOEV, IG**, 2005: Dimensiunile regionale ale strategiilor de dezvoltare în Republica Moldova. *Comunicări de geografie*, vol. IX, p. 595-600 (Regional dimensions of the development strategies in the Republic of Moldova)
- ȘIRODOEV, IG**, 2006: Procesele de fragmentare în sistemul de așezări al Moldovei. *Buletinul Academiei de Științe a Moldovei. Științele vieții*, nr. 2 (299), p. 165-171. (Fragmentation processes in Moldova's settlement system)
- ȘIRODOEV, IG, KNIGHT, CG**, 2007: Vulnerability to Water Scarcity in Moldova: Identification of the Regions. *Buletinul Academiei de Științe a Moldovei. Științele vieții*, no. 3(303), p. 159-166 <http://www.bsl.asm.md>
- ȘIRODOEV, IG, KNIGHT, CG**, 2007: Vulnerability to Water Scarcity in Moldova: Likely Threats for Future Development. *Present environment and sustainable development*, vol.2, p. 7-15 http://www.pesd.ro/index_files/Page988.htm
- ȘIRODOEV, IG, ȘIRODOEV, GN, SVIRIDOVA, AV**, 2009: Zoning of the anthropogenic relief of urbanized territories. *Buletinul Academiei de Științe a Moldovei. Științele vieții*, no. 1(307), p. 152-168
- СЫРОДОЕВ, ИГ, ЛИСЕЦКИЙ, ФН**, 2009: Города и села Молдовы: динамика застройки и экологическое состояние территории. *Проблемы региональной экологии*, № 5, с. 272-279 <http://www.ecoregion.ru/> (Moldova's cities and villages: built-up dynamics and ecological state of the territory)
- ȘIRODOEV, IG**, 2009: Small and medium-sized enterprises in Republic of Moldova. *Journal of Urban and Regional Analysis*, vol. I, issue 1, pp. 67-84 <http://www.jurareview.ro>
- ȘIRODOEV, IG**, 2010: Central places in rural areas: The case of the Republic of Moldova. *Geographica Timisiensis*, vol. XIX, issue 1, p. 263-269 <http://www.geografie.uvt.ro/cercetare/publicatii/geographica/abstracte/Geographica2010-1/24.SIRODOEV%20final.pdf>
- CONSTANTINOV, T, NEDEALCOV, M, ȘIRODOEV, G, ȘIRODOEV, IG**, 2011: Geoecological risk analysis for sustainable development of agriculture of the Republic of Moldova. *Geographica Timisiensis*, vol. XX, issue 2, p. 13-18 http://www.geografie.uvt.ro/cercetare/publicatii/geographica/abstracte/Geographica2011-2/2.Constantinova_final.pdf

Articles in conference proceedings and other journals

- ȘIRODOEV, IG.**, 2005: Quelques approches dans l'analyse du système urbain de la République de Moldavie. *Seminarul geografic „D. Cantemir”*, no. 25, p. 307-315 (Some approaches in the analysis of the settlement system of the Republic of Moldova)
- ȘIRODOEV, IG.**, 2005: Sistemul urban și SIG. *Lucrările simpozionului "Sisteme informaționale geografice"*, nr. 11, Anal. St. "Al. I. Cuza" Iași, Tom LI, s. II c. Geografie, p. 95-102 (Urban system and GIS)

- СЫРОДОЕВ, ГН, **СЫРОДОЕВ, ИГ**, ОРГИЯН, НГ, 2008: Эколого-туристическое зонирование территории Молдовы. В: ЧУБОТАРУ, А, ОБУХ, П, ТЕЛЕУЦЭ, А, ТОДЕРАШ, И, ЗУБКОВА, Е. (ред.) *Академику П.М. Жуковскому – 120 лет: сборник научных статей*. Кишинэу: Эко-Тирас. Стр. 101-106 (Ecological-touristic zoning of Moldova's territory)
- СЫРОДОЕВ, ИГ**, 2008: Современные подходы к политике регионального развития в Молдове. *Матеріали міжнародної науково-практичної конференції «Регіон-2008: стратегія оптимального розвитку» (16-17 жовтня 2008 року, м. Харків)*. Харків: РВВ ХНУ ім. В.Н. Каразіна, 2008, стр. 64-67 (Modern approaches to regional development policy in Moldova)
- ȘIRODOEV, IG**, 2010: Moldova's challenge in the face of surface water resource changes. In: ALEXANDROV, V, GAJDUSEK, MF, KNIGHT, CG, YOTOVA, A (eds.). *Global environmental change: Challenges to Science and Society in Southeastern Europe*. Dordrecht: Springer. P. 221-228 <http://www.springer.com/environment/global+change++climate+change/book/978-90-481-8694-5>

Atlases and maps

- CONSTANTINOV, TS, NEDEALCOV, M, **ȘIRODOEV, IG** et al., 2002: *Atlasul Republicii Moldova. Geografia fizică*. Chișinău: Iulian. 44 p. (Atlas of the Republic of Moldova: Physical geography)
- BOTNARU, V, CAZANȚEVA, O, **ȘIRODOEV, IG** et al., 2003: *Atlasul Republicii Moldova. Geografia fizică și socio-economică. Clasa 8-9*. Chișinău: Iulian, 2003, 32 p. (Atlas of the Republic of Moldova: Physical and socio-economic geography. Classes 8-9)
- CONSTANTINOV, TS, **ȘIRODOEV, IG**, SIRODOEV, GN, 2004: *Tourist map*. Chisinau: Iulian [1 : 600 000]
- SOFRONI, V, CAZANȚEVA, OI, **ȘIRODOEV, IG** et al., 2006: *Atlas geografic școlar: clasele 5-11*. Chișinău: Iulian, 108 p. (School geographic atlas: classes 5-11)
- LUNGU, A, VOLONTIR, N, **ȘIRODOEV, IG** et al., 2007: *Geografia continentelor și oceanelor: atlas cl. 6-7*. Chișinău: Iulian, 40 p. (Geography of continents and oceans: atlas cl. 6-7)
- BOTNARU, V, ȘIRODOEV, GN, **ȘIRODOEV, IG** et al., 2008: *Atlas geografic școlar: clasele 5-9*. Chișinău: Iulian, 96 p. (School geographic atlas: classes 5-9)
- CAZANTSEVA, OI, **ȘIRODOEV, IG**, 2009: *Republic of Moldova. Demographic situation*. Chisinau: Strih (set of maps) [1 : 600 000] <http://www.statistica.md/pageview.php?l=ro&idc=334&id=2338>
- CAZANȚEVA, O, COROBOV, R, **ȘIRODOEV, IG**, et al., 2011: *Atlas. Geografia mediului, clasa a XII-a*. Chișinău: Ingeocad, 32 p. (Geography of environment: school atlas for 12th class)