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Research Overview:

- ✓ GIS-modeling and analysis,
- ✓ development of GIS platforms and modules,
- ✓ informational technologies in territorial management,
- ✓ urban studies with GIS-tools.
- ✓ Geoinformation concept in geographical studies
- ✓ Geodatabases

Main courses:

- ✓ Informatics with Fundamentals of Geoinformatics
- ✓ Geographic Information Systems
- ✓ Advanced Theories and Methodologies in Human Geography
- ✓ Working with Geodatabases in Human Geography
- ✓ Information Technology in Areal Management

Main publications:

- ✓ Spatiotemporal Analysis of Urban Green Areas Using Change Detection: A Case Study of Kharkiv, Ukraine – with 9 co-authors (Frontiers in Environmental Science. – March 2022, the first quartile)
- ✓ ELiT, Multifunctional Web-Software for Feature Extraction from 3D LiDAR Point Clouds – with 3 co-authors (ISPRS International Journal of Geo-Information. – November, 2020, the first quartile)
- ✓ Automated Extraction of Heavyweight and Lightweight Models of Urban Features from LiDAR Point Clouds by Specialized Web-Software – with 3 co-authors (Advances in Science, Technology and Engineering Systems Journal (ASTESJ). – October, 2020, the second quartile)
- ✓ Urbogeosystemic Approach to Agglomeration Study within the Urban Remote Sensing Frameworks . – in Urban Agglomeration \ Edited by Prof. Alessandra Battisti and Dr. Serena Baiani.- London – Milan: INTECH Open, 2022, 1 co-author
- ✓ Studying of urban features by the multifunctional approach to LiDAR data processing – with 3 co-authors (IEEE Xplore Digital Library - June 2019).
- ✓

References, Citations:

ORCID ID /0000-0002-4236-8474

Profile Google Scholar

<https://scholar.google.com.ua/citations?user=v2XP8oG3xjoC&hl=uk&oi=ao>

Profile Research Gate https://www.researchgate.net/profile/Sergiy_Kostrikov2

Scopus Profile: <https://www.scopus.com/results/authorNamesList.uri?sort=count-f&src=al&orcidId=0000-0002-4236-8474&sid>

In 2000 successfully passed the English exam level C1 (TOEFL).

More information:

- 1) The courses they have already taught in English**
 - ✓ Master degree of European and Central, Manchester Universities in Science and Environmental Policy (2000)
 - ✓ lecturer-visitor in the United States (2001-2002)
 - ✓ lecturer-visitor in the Great Britain (2007)
- 2) Any English related education, working or visiting experience**
 - ✓ Online-seminars in the framework of the research project «Democratic Reform of Government in Ukraine " with the participation of the University of Alberta, Canada (Kharkiv, Ukraine, 2016-2017)
 - ✓ First International Doctoral Summer School in Urban Geopolitics: Urban Identities, Geopolitics and Urban Policy (Kharkiv, Ukraine, June 6-9, 2019)
 - ✓ International conferences 39th Asia Conference on Remote Sensing (ACRS), October 14-19, 2018 in Kuala Lumpur, Malaysia,
 - ✓ International Conference "Joint Urban Remote Sensing Event" (JURSE 2019), University of Southern Brittany (Vannes, France) on May 22-24, 2019
- 3) Any English publications or research programs, etc.:**
 - ✓ Kostrikov S., Sehida K. (2016) GIS-modelling of regional commuting (a case study of Kharkiv region), Actual Problems of Economics, № 12, p. 399-410
 - ✓ Kostrikov S., Niemets L., Sehida K., Niemets K., Morar Cezar (2018) Geoinformation approach to the urban geographic system research (case studies of Kharkiv region) Visnyk of V.N. Karazin Kharkiv National University. Series Geology, Geography Ecology, Issue 49, p. 137-160.
 - ✓ Kostrikov S. Some Aspects of the Computer Technologies Application to Ecological Modelling: Case Studies of Microsoft Excel, and 'Relief-Processor' (New Trends in Ecology Research, NY: NSP, 2005)
 - ✓ Kostrikov S. Urban Remote Sensing with LiDAR for the Smart City Concept implementation (2019). Visnyk of V.N. Karazin Kharkiv National University. Series Geology, Geography Ecology, Issue 50, p. 101-124.

TOEFL[®] EXAMINEE'S SCORE RECORD

TEST OF ENGLISH AS A FOREIGN LANGUAGE			
SECTION 1 59	SECTION 2 67	SECTION 3 65	TOTAL SCORE 637
TOEFL SCALED SCORES			
TEST OF WRITTEN ENGLISH			6.0
			TWE SCORE

EXAMINEE'S ADDRESS

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*** EXAMINEE'S ORIGINAL SCORE RECORD ***

0382208	KOSTRIKOV SERGIY VAS
REGISTRATION NUMBER	NAME (Family or Surname, Given, Middle)

MAY 99	1592	46	02/05/56	M
Month Year	1324	70	Month/Day/Year	SEX
TEST DATE	4837	70	DATE OF BIRTH	
P557	INST CODE	DEPT CODE	UKRAINE	
CENTER NUMBER	9896		RUSSIAN	
	SPONSOR CODE		NATIVE LANGUAGE	

1	2	2
DEGREE	REASON FOR TAKING TOEFL	TOEFL TAKEN BEFORE



YOUR SIGNATURE	<i>Скостриков</i>
NAME OF COUNTRY ISSUING PASSPORT OR IDENTIFICATION	<i>Ukraine</i>
NUMBER ON IDENTIFICATION DOCUMENT	<i>40 N°4620306</i>