



Personal Details

Volodymyr GRYANYK

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*Associate Professor of the department of Highways,
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Research

Current research

I take part in the implementation of scientific research work on the topic "Resource-saving methods of designing structures on soil bases and automated geographic information systems of real estate cadastral register" №0121U100385 (2021, 2022).

Confirmation of the relevant degree of higher education.

Name of the educational institution	Year of entry	Graduation year	Branch of knowledge/specialty/specialization	Degree of higher education	Series and registration number of the diploma
Dnipropetrovsky National University	1996	2001	Applied mathematics/ mathematical modeling of social and economic processes, /mathematician, programmer engineer, applied programmer	Specialist	HP №16427348 від 30.06.2001
Legal Academy of Internal Affairs of Ukraine	2000	2003	Science of law/ lawyer	Specialist	MB №12501626 від 06.12.2003
Institute of Postgraduate Education of Kharkiv National Agrarian University named after V.V. Dokuchaeva	2002	2004	Land management and cadastre/land engineer	Specialist	ДСК №052866 від 23.03.2004
O.M. Beketov Kharkiv National University of Urban Economy		2021	05.24.04 «Land cadastre and monitoring»	Candidate of technical sciences	ДК №063550 від 30.11.2021

Past research

During 2007-2010 I have been participated in the implementation of research work on the topic "Scientific fundamentals of resource conservation in the design of transport facilities and land management" ([№0107U008795](#)).

During 2011-2015 I have been participated in the implementation of research work on the topic "Resource-saving methods of designing in construction and land management" ([№0111U006487](#)).

I have been participated in the implementation of research work on the topic "Improvement of Design Methods in Construction and Land Management" ([№0116U000780](#)) during 2016-2020.

Information on work experience, civil service experience (if any), experience in relevant positions

Date		Position with the name of the enterprise, institution
Beginning	Ending	
01.09.1996	30.06.2001	Student/ DNU
02.07.2001	27.05.2003	Leading land surveyor/ LLC "Zemlya"
28.05.2003	22.05.2005	Chief Specialist of the Inspection Department of the Inspection Department / Dnipropetrovsk Regional Main Department of Land Resources (11 rank 6 category of civil servant)
23.02.2005	12.04.2006	Deputy Director for Foreign Economic Activity - Legal Adviser of LLC "Budkeramika Company"
12.04.2006	25.09.2012	Director / LLC SPF "Geoinfo".
03.04.2006	28.11.2008	part-time commercial director of CJSC "TD "Keramin-Ukraine"
01.09.2009		Leading expert / NGO 'Public platform for land reform implementation'
01.09.2009	31.03.2013	Part-time Senior Lecturer of the Department of Roads, Geodesy and Land Management / Higher Educational Institution "PSACEA
01.08.2012	01.11.2012	Part-time adviser to the head of the main department of the Derzhkomzem of Ukraine in the Zaporizhzhia region
28.12.2012	28.02.2013	Acting Director/ SE "Zaporizhzhya Institute of Land Management
01.04.2013	31.01.2023	Senior Researcher of the Institute for Design and Research Expertise of the Research Part of the Prydniprovsky Scientific and Educational Institute of Innovative Technologies in Construction / SHEI " PSACEA ", Senior Lecturer
01.12.2015	30.11.2018	Postgraduate student of SHEI "Prydniprovska State Academy of Civil Engineering and Architecture»
12.08.2016		Individual entrepreneur, main directions: land management and topographic and geodetic works, consulting in the field of land management and law (real estate transactions), legal assistance in courts (economic, corporate, administrative)

30.03.2016	31.12.2018	Part-time Director / Municipal Enterprise "Architectural Bureau of Dniprovskiy District Council of Dnipropetrovska Oblast
14.09.2018		Concurrently Director / LLC SPF "Geoinfo
01.09.2015		
23.01.2020		Lawyer. Certificate of the right to practice law series ДП №4622 decision of the 20.01.2020 №125
12.03.2018	31.12.2019	Part-time Advisor to the Head of Magdalynivka District State Administration of Dnipropetrovsk region
17.04.2020	31.12.2021	Part-time Advisor to the Head of Petrykivka District State Administration of Dnipropetrovsk region
01.02.2023		Associate Professor of the department of Highways, Geodesy and Land management.

Publications

1. Інформаційне забезпечення моніторингу земель та створення територіальних геоінформаційних систем кадастру нерухомості. Вісник аграрної науки Причорномор'я: Миколаїв, 2016 – Вип.3 (91). – С.180 –193.
2. Територіальні геоінформаційні системи. Вісник Придніпровської державної академії будівництва та архітектури, Дніпропетровськ: ПДАБА, 2017. Вип. №3(229-230). – С. 41 – 46.
3. Використання геоінформаційних систем при виконанні нормативної грошової оцінки земель. Вісник оцінки №3(48) липень-вересень 2017 с.73-77.
4. Автоматизовані моделі та статистичні методи в оцінці й нерухомості. Матер. міжнар. наук.-практ. конф. «Перспективи розвитку оцінки майна: законодавство, дерегуляція, методологія, практика». Одеса, 2018. с.68 – 83.
5. Кадастрова класифікація земельних поліпшень. Матер. ІХ Міжнар. наук. практичн. конф. «Нові технології в геодезії, землевпорядкуванні, лісовпорядкуванні та природокористуванні», 4-6 жовтня 2018 р. – Ужгород. – 2018. – С. 209-213.
6. Державна система кадастрової реєстрації нерухомого майна. Вісник Придніпровської державної академії будівництва та архітектури. – № 5. – 2018. С. 42 – 46.
7. Розвиток кадастрово-реєстраційної системи нерухомого майна в світі та в Україні. Зб. тез доп. Міжнар. наук. практичн. конф. «Системна взаємодія кадастрів: проблемні питання методолгічного, інституційного та інформаційного забезпечення». – Київ: НУ Біоресурсів і природокористування України, 2019. – С. 19 -23.
8. Кадастровий облік нерухомості в Україні. Тези доповідей 24 Міжнародної науково-технічної конференції GEOFORUM `2019. – Львів : Видавництво Львівської політехніки, 2019. – с.48-49.
9. Автоматизована обробка даних у єдиній системі кадастрової реєстрації нерухомого майна. Всеукраїнський науково – технічний журнал «Техніка, енергетика, транспорт АПК» . Вінниця, 2019. – 3 (106) – с.125-129.

10. Кадастрова ідентифікація нерухомого майна. Сучасні досягнення геодезичної науки та виробництва. 2020. № II. С. 117-124.
11. Розвиток кадастрово-реєстраційної системи нерухомого майна в світі та в Україні. Системна взаємодія кадастрів. Зб. тез. доп. Міжнародної науково-практичної конференції (Київ, 29-30 березня 2019 р.). Київ. 2019. С. 19-23.
12. Ідентифікація нерухомого майна у цифровому кадастрі багатоцільового використання. Modern engineering and innovative technologies/ - Issue 15. Part 1/- 2021/ - с. 70 – 74. DOI:10.30890/2567-5273.2021-15-01-096.
13. Information support of the use of real estate of multi-purpose cadastre: theoretical aspects and implementation practice. Internauka. 2021. № 5 (105). Vol. 1. P. 41-44.
14. MONOGRAPH INTELLECTUAL GEOSPATIAL ECONOMY OF COASTAL REGIONS: INFORMATION ASPECT. Intellectual Geospatial economy of coastal regions: information aspect: monograph. Kharkiv.: O.M. Beketov NUUE, 2022. 508p.

Courses

- Land monitoring

Land monitoring is an important management function in the field of land use and protection, the object of which is the lands of Ukraine, regardless of the forms of land ownership, purpose and nature of use, in accordance with national and regional (local) programs.

- Land information systems

A Land Information System is a broad-reaching and complex concept that easily eludes any simple definition. By its very nature it includes on the one hand, all those unofficial procedures undertaken by individuals or small groups aimed at identifying and categorizing distinct units of property over small extensions of territory, for private and restricted purposes. On the other hand, it describes the enormous undertaking required for the identification and categorization of every single unit of property (parcel) within a nation, under the direction of a single public authority on a permanent and continuous basis, for the purpose of providing the necessary information for, among other things, the taxation of property and the provision of land use information required for the preparation of urban and regional development plans. In between these two extremes lie numerous manifestations of 'how', 'by whom,' and 'for what end' the collection and maintenance of data concerning land is undertaken.

- Municipal geoinformation systems

Is a web resource created for solving a set of tasks on collecting, storing, displaying and analyzing spatial and other related information about the objects, processes and phenomena of the city. Use the city geoinformation system (GIS) to get regulated access to reliable and relevant city data, while spending much less time on searching, analyzing and generalizing. The city GIS provides support for the most reasonable

management decisions on developing the territory of the municipal entity on the basis of the operational provision of complete objective information about available territorial resources, real estate objects, engineering and transport infrastructure, information about its development and planned changes to any entity operating in the city. GIS of the city is based on the legal acts of Ukraine, international and European Union standards for the development of spatial data infrastructure

- Land management design in Engineering

When studying the discipline "Landscape design in engineering" the requirements for the development of technical documentation on land management are considered, land management projects, the issue of the target designation of land plots, etc

- Territorial land management

is a system of state measures to distribute land between branches of the national economy, within branches and improve land tenures and land uses by creating new ones, restructuring and changing existing land uses and land tenures, their structures and systems.

Regulation of land relations, distribution and redistribution of the land fund, creation of land uses and land ownership, their technical and legal registration is carried out in the process of territorial land management. Territorial land management includes the following land management actions:

1. Creation of new ones, as well as regularization of existing land holdings and land uses, with the elimination of contiguity and other deficiencies in land allocation.
2. Identification of new lands for agricultural and other economic development.
3. Allotment and withdrawal of land plots.
4. Establishment and change of city and settlement boundaries.