

Curriculum vitae

Family name **Grachov**
First names: **Andrii**
Date of birth: 25 November 1961
Nationality: Ukrainian
Civil status: Married



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Education

Institution	Degree(s) or Diploma(s) obtained
Kyiv National University of Construction and Architecture [2000]	Certificate of advanced training in the speciality "Land Assessment in Ukraine"
Kyiv National Taras Shevchenko University, Department of Geography [1991-1997]	Specialist Degree, Geographer-Ecologist
Kyiv Topographical Technical College [1986-1989]	Diploma of Geodesist (with honour)

Language skills: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	5	5	5
Russian	1	1	1
Ukrainian	1	1	1

Membership of professional bodies:

Academic Affiliations

- Kyiv Institute of Information Technologies under National Aviation University, Kyiv, Ukraine, 2004 - present. Lecturer for GIS and Cadastre System.

Other skills (Computer literacy):

Strong professional knowledge of the following applications:

- GIS: ArcGIS, MapInfo Professional; DBMS Microsoft SQL Server; Web Applications: Flash, HTML; Vectorizer: Easy Trace; Processing of GPS Observations. Spectrum Survey

Experienced with following computer applications:

- MS Office for Windows (Word, Excel, Access, Visio etc.)

Present position: Head of the Section of Administration, Automisation of Work Processes and Programming of Communal Enterprise "Kyiv Institute of Land Relations", Kyiv City State Administration

Years within the firm: 5 years

Key qualifications:

- Considerable experience as a developer and project manager in the Geodesy (Surveying).
- Digital Cartography. Mapping and visualisation of the researches.
- Experience in developing, implementing and supporting of complex GIS and cadastral systems.
- Extensive experience in providing technical assistance and support of the development comprehensive informational systems including web portals.

Specific experience in the region:

Country	Date from - Date to
Kyrgyzstan	2014 - 2019
Ukraine	1998 - present
Tajikistan	2011 - 2012

Professional experience

Date from - Date to	Location	Company & reference person (name & contact details)	Position	Description
2019 - present	Ukraine	Communal Enterprise "Kyiv Institute of Land Relations" of Kyiv City State Administration https://kizv.gov.ua/	Head of Section	Responsible for administration, automatization and programming on software solutions; administration of mapping services, databases, IT infrastructure and development new ones.
2021	Ukraine	Ukrainian Speleological Association http://www.speleoukraine.org	Project manager	Creation of an information and analytical system "Cadastre of caves and cavities of Ukraine" https://caves.in.ua/
01/2019 - 12/ 2021	Ukraine	World Bank project Development and Implementation of Regional Plan to Increase the Scope of Family Care Services Delivery (Residential Institutions Reform) for Ternopil'ska Oblast"	Non-Key Expert, Developer	Leading developer and administrator of the Information and analytical system "Institutions of Residential care and education for Children of Ternopil'ska Oblast ", including development of mapping and visualisation component, designing report presentations. During the implementation of the system also provided consultations and advise for the users and supported installation of the system once officially transferred to the Ternopil Oblast Service for Children. https://ias.te.ua/
07/2018 - 09/2019	Ukraine	UNICEF project "Provision of services to apply the model of Integrated social services (ISS) at the level of municipalities". vkuzminskyi@socialpolicy.consulting	Mapping and Index Programming Expert	Development the mapping system, gathering data and organising mapping of social services providers, education, health care, sport and cultural institutions for the pilot communities in 5 oblasts of Eastern Ukraine; Development and programming for the Index of Social Services Provisions for the mentioned communities (http://myhromada.in.ua/)
03/2017 - 12/2019	Kyrgyzstan	EU Project "Technical Assistance to the Social Reform Contract: Social Protection Kyrgyzstan" (OPM Consortium) vkuzminskyi@socialpolicy.consulting	Senior Consultant, Developer of GIS database	Upgrading the development of the database for childcare residential institutions following the changes in the legislation; programming of additional modules, programming liaison applications for government managed databases; providing consultations and supporting IT specialists of the Ministry of Social Policy for installation and launching the system; delivering training sessions and consultations for the directors or designated persons of the institutions in entering the records in the system; monitoring the correct data entering, reporting and presentation.
06/2016 - 09/2016	Kyrgyzstan	EU Project "Technical Assistance to the Sector Reform Contract: Social Protection Kyrgyzstan" (OPM Consortium)	Developer of GIS database	Responsible for the developing of database of childcare residential institutions. This includes: developing concept of the database and its approval by MoLSD; developing tools for collecting information; Design of the interface and software for the database; developing user's guidelines and conducting training. http://child.mlsp.gov.kg/
2014 - 2015	Kyrgyzstan	EU Project Technical Assistance to the Sector Policy Support Programme - Social Protection and PFM - Kyrgyzstan.	Senior consultant	Providing technical assistance in deinstitutionalisation of child care system in particular supporting the Ministry of Social Development of Kyrgyz Republic in developing visual instruments for mapping of social services and presenting results using a Geographic Information System (GIS). https://sdc-eu.info/2-kg/
2011 - 2012	Tajikistan	Technical Assistance to Sector Policy Support Programme in the Social Protection Sector - Service Delivery Component (EU) vkuzminskyi@socialpolicy.consulting	Senior consultant	Leading on developing visualisation for mapping of social services in Tajikistan and creation of a corresponding database (see https://sdc-eu.info/1-tj/en/) using GIS; Designing a new platform for the web portal for the Ministry of Labour and Social Protection of Population of Tajikistan (MLSP); Building capacity of MLSP, State Agency for Social Protection, Employment and Migration, Scientific and Research Institute in IT.
2010 - present	Ukraine	Personal	Developer	Developing the web portal "The Nature of Ukraine" It is a complex IT system which consists of more than 10 different web sites https://nature.land.kiev.ua/
2005	Ukraine	Ukrainian Land and Recourse Management Centre	Developer	Creation of digital maps of forests and hydrography of Transcarpathia (Zakarpate)
2004 - 2005	Ukraine	Geosoft LLC	Project manager	Creation of software complex for conducting cadastre of archaeological findings commissioned by the Institute of Archaeology of National Academy of Science of Ukraine

2003 - 2007	Ukraine	Geosoft LLC	Project manager	Designing, implementing, maintaining automated system of land registration - "The software complex "Cadastral Office" for the structural agencies of the State Agency of Land Resources of Ukraine https://apg.name/projects/ko.html
2003 - 2004	Ukraine	Geosoft LLC	Project manager	Creation of software complex for conducting cadastre of flora of Ukraine commissioned by the Ministry of Ecology and Natural Resources of Ukraine.
2002 - 2003	Ukraine	Ministry of Ecology and Natural Resources of Ukraine	Project coordinator	Organisation and implementation of the project "Preliminary assessment of the biodiversity monitoring software including taxonomy," within the framework of the Global Environment Fund's Grant through the International Bank for Reconstruction and Development for the "Second stage of building capacity for biodiversity» No. GEF-PPG TF 028 968.
2001 - 2002	Ukraine	Ukrainian Land and Recourse Management Centre	Developer	Creating an electronic map of soils of the southern areas of Ukraine
2001	Ukraine	Centre of Ecological Monitoring of Ukraine	Project manager	Development and implementation of methodological recommendations for the development of GIS of the Dnieper Basin. Creation of programme modules to resolve practical issues of water management
2000 - 2002	Ukraine	Centre of Ecological Monitoring of Ukraine	Senior Researcher	Creating of GIS in 30-km zone of RNPP in the project "Environmental Impact Assessment (EIA) of power generating unit No.4 of Rovno NPP"
1998 - 2000	Ukraine	Centre of Ecological Monitoring of Ukraine	Senior Researcher	Creating of GIS in 30-km zone of RNPP in the project "Environmental Impact Assessment (EIA) of power generating unit No.2 of Khmelnytsky NPP" https://apg.name/projects/ovos.html https://apg.name/projects/atlas.html

Other relevant information (Publications)

- Malysheva L.L., Sorokina L.Y., Grachov A.P., Shmurak A.L. Landscape half-scale map of 30-km influence zone of the Khmelnytsky NPP in electronic format. [Certificate of state registration of copyright PA No. 2643 from 17.01.2000.](#)
- Malysheva L.L., Sorokina L.Y., Grachov A.P., Shmurak A.L., Gaidai S.V., Karbovska S.V. Landscape-Geochemical half-scale map of 30-km influence zone of the Khmelnytsky NPP in electronic format. Half-scale map of landscape-geochemical barrier of 30-km influence zone of the Khmelnytsky NPP in electronic format. [Certificate of state registration of copyright PA No. 2644 from 17.01.2000.](#)
- Malysheva L.L., Sorokina L.Y., Grachov A.P., Shmurak A.L., Gaidai S.V., Godyna O.O. Landscape map of 30-km influence zone of the Rovno NPP in electronic format. [Certificate of state registration of copyright PA No.5027 from 07.12.2001.](#)
- Malysheva L.L., Sorokina L.Y., Grachov A.P., Shmurak A.L., Gaidai S.V., Noson A.V., Galagan A.A., Godyna O.O., Karbovska S.V. Landscape-Geochemical map of 30-km influence zone of the Rovno NPP in electronic format. Landscape-Geochemical barriers map of 30-km influence zone of Rovno NPP in electronic form. [Certificate of state registration of copyright No.5951 from 22.07.2002.](#)
- Grachov A.P., Omelyanenko D.I., Dolinskyi I.M., Galagan A.A. Computer software "Programme complex "Cadastral Office." [Certificate of state registration of copyright No. 20861 from 11.06.2007.](#)
- Kuzminskyi V., Laushnyk O., Grachov A., Kyianytsia Z. Computer program with the database "Information and analytical system "Institutions for institutional care and education of children". [Certificate of state registration of copyright No. 94575 from 09.12.2019](#)

Articles

- V.V. Pokalyuk, I.M. Stefanishin, A.P. Grachov, S.T. Musiyachenkoю New large gypsum cave in Ukraine - Myshkarov pit (assessment of the perspectives and directions of searches of new labyrinths based on satellite image decoding). Reports of the AS of Ukraine. - 2010. - No.10. - p.102-108
- Pokalyuk V.V., Prokhorenko V.P., Grachov A.P., Stephanishin I.M. Complex morphostructural levelling cave of Myshkarov pit (Transdnestrrian Skirts). Speleology & Speleostology: development and interaction of sciences. Collected materials of the International Scientific-Practical Conference. - Naberejnye Chelny: SPINCh, 2010. - p.89-93
- Kuzminskyi V.O., Laushnik O.I., Dybailo V.D., Grachov A.P. Social services mapping methodology using GIS. Kyiv, 2014 (Partnership "For Every Child")
- Grachov A.P. Topography and geodesic works in horizontal caves. Practical recommendations for the speleotopographerю. Kyiv, 2010 <https://speleo.land.kiev.ua/>