



**Moldavian Union of
Geodetic Surveyors**

**The Council of European
Geodetic Surveyors**



Curriculum vitae

Vasile Chiriac
UGM President

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PERSONAL INFORMATION

First name/Surname: Vasile Chiriac



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Date of birth: 29/01/1955

Nationality: Moldavian

EDUCATION AND TRAINING

1972–1976 Defence Mapping High School, Saint-Petersburg, Russia, Engineer on Geodesy and Aerophotogrammetry

1985–1988 Defence Engineering Academy, Moscow, Russia, Management of geodetic and mapping works

1988–1992 Defence Engineering Academy, Moscow, Russia, Doctor Degree of Technical Science

1996–1997 Defence Mapping School, USA, Fort Belvoir, Virginia, Mapping, Charting and Geodesy courses

WORK EXPERIENCE

1976-1985 Surveyor of the Military Topogeodetic Units of Soviet Army, geodetic surveying, mapping and charting

1992-1994 Senior specialist of the Military Topographic Service, elaboration of the normative acts and amendments to legislation of Republic of Moldova in the field of Geodesy, Mapping and GIS, drafting and implementation of Regulation and Standards in the field of Geodesy, Mapping and GIS

1994-2004 Head of the Military Topographic Service of the National Army, responsible for providing military units with maps, charts and geodetic materials, leading of the Military Topographic Centre of the National Army and Topographic Services of the military units, elaboration of the normative acts and amendments to land legislation of Republic of Moldova

WORK EXPERIENCE

2004-2006 Commander-Rector of Defence Academy “Alexandru cel Bun” responsible for planning of educational process and budget establishment, implementation of staff employment strategy and contracts signing, development of job descriptions for the subordinated personnel and establishment of performance criteria, appointment of the departments managers and delegation of the responsibilities

2006-2010 Head of Research Department of Institute of Geodesy, Engineering Research and Cadastre, carrying out research studies and development in the field of geodesy, photogrammetry, Geoinformatics, Land management and Cadastre, documenting systems, products and services produced during development activities, elaborating the standards, instructions and technological processes in order to execute the related developments;

WORK EXPERIENCE

2010-2012 Managing Director of Blom Ltd, Moldova, establishment of budget for the projects, including profit and cost forecast, responsible for marketing and sales implementation programs, providing implementation of the quality management programs, leading of the sales, development and business negotiations with beneficiaries and distributors, financial administration of all company activities

1999 - present Associate Professor, Technical University of Moldova, delivering lectures and preparing teaching materials of Ellipsoidal Geodesy, Spatial Geodesy, Physical Geodesy, Gravimetry and Satellite Geodesy, responsible for educational programs implementation and caring out of the research projects

1999 - present President of Moldavian Union of Surveyors;

PERSONAL SKILLS

- Mother tongue** Moldavian (Romanian)
- Other languages** English, Russian
- Communication skills** good communication skills gained through my experience as commander-rector and managing director
- Job-related skills** Responsible, high motivated and disciplined (responsible for research and education quality at Technical University of Moldova).
- Computer skills** Microsoft Office™ tools, Erdas Imagine, Mapinfo, ArcGIS, Trimble Business Centre, Leica Geo Office
- Other skills** surveying with Trimble, Leica, Ashtech, GNSS receivers, Leica and Trimble total stations, La Coste-Romberg Gravimetr, data processing, elaborating projects.
- Driving licence** Category B

ADDITIONAL INFORMATION

- Publications**
- (17) **V. Chiriac**. Gravimetrie geodezică. Metode terestre a determinărilor gravimetrice. Curs de prelegeri, ISBN 978-9975-45-013-3. Universitatea Tehnică a Moldovei, 2006, 74 p
- V. Chiriac**, V. Pantikin, K.W. Krauterbluth, I. Ilies, I. Cretu. First Order Gravity Network of Republic of Moldova. Proceeding of the 1-st International Gravity Field Service “Gravity Field of the Earth”, Istanbul, September, 2006, ISSN 1300-5790, 420-423;
- R. Mang , H. Hausler, **V. Chiriac** et all. Shape of the Earth and Reference Systems. International Handbook Military Geography. ISSN 3-901183-50-7, AV+Astoria Druckzentrum, Vienna, 2006
- V. Chiriac**, L. Nistor-Lopatenco. EGNOS extension to Eastern Europe. Trail flights in Moldova. Proceeding of XVIII International scientific and technical symposium “Geoinformation monitoring of environment: GNSS and GIS Technologies”, Alushta, Ukraine 2013, 156-158. ISBN 978-617-607-4755-5;
- A. Vlasenco, **V. Chiriac**. Cartografie matematică. Curs universitar. 2012, ISBN 978-9975-45-2069, 256 p;
- V. Chiriac**. Geodezie cu sateliți. Curs universitar. ISBN 978-9975-4401-9-6, Ch.: Artpoligraf, 2013. 183 p.

ADDITIONAL INFORMATION

- Presentations**
- (20) Jager, G. Younis, S. Seiler, P. Spoh, **V. Chiriac**, A. Iacovlev. GNSS-Positioning-Services for Geodetic Infrastructure (GIGPS). Proceeding of United Nations/UAE/United States of America Workshop on the Applications of Global Navigation Satellite System (GNSS), Dubai, 2011
- V. Chiriac**, L. Nistor-Lopatenco, V. Grama, A. Iacovlev, R. Jager, P. Spohn. Development of new geodetic infrastructure in Republic of Moldova. Proceeding of EUREF Symposium, Chisinau, 2011
- V. Chiriac**, L. Nistor-Lopatenco, A. Iacovlev, R. Jager, P. Spohn, G. Younis. Development of geodetic databases for MOLDPOS services. United Nations International Meeting on the Applications of Global Navigation Satellite Systems (GNSS), Vienna, Austria, 12 – 16 December 2011, 22 p.
- S. Nagorneac, **V. Chiriac**. Geodetic Arc Struve points in Moldova, IV Conference of the European Surveyor and Geoinformation. F.G.W. Struve – European surveyor of the year, 1-3 July, 2014, Kaliningrad, Russia.

ADDITIONAL INFORMATION

- Projects** Development of National GPS Network in the frame of First Cadastral Project in Republic of Moldova (1999-2003);
Implementation of GIT in Technical University of Moldova in the frame of educational project TEMPUS: CD-JEP 24343-2003 (2003-2005)
- Development of National Gravity Network in the frame of MOLDGRAV Project of Ministry of Defence of Republic of Moldova in collaboration with National Geospatial-Intelligence Agency of the US Department of Defence (2006-2009)
- Development of Moldavian Position Determination System using Global Navigation Satellite System in the frame of the International German-Moldavian scientific cooperation project MOLDPOS “MDA 09/025” (2010-2011)
- Development of new EGNOS extension methods in the frame of project FP7-GALILEO-2011-GSA-1, EEGS2: “EGNOS EXTENSION TO EASTERN EUROPE: APPLICATIONS” (2012-2013)

ADDITIONAL INFORMATION

Workshops International workshop on modern geodetic concept” in the frame of GIDEC, 511322-TEMPUS-1-2010-SE-JPCR 14-23 April, 2013 organized by Lviv Polytechnic National University (LPNU), Ukraine

United Nations/Latvia Workshop on the Applications of Global Navigation Satellite Systems, Riga, Latvia 14 - 18 May 2012 organized by United Nations Office for Outer Space Affairs

United Nations International Meeting on the Applications of Global Navigation Satellite Systems, United Nations Office at Vienna, Vienna International Centre, Vienna, Austria 12 - 16 December 2011

United Nations/United Arab Emirates/United States of America Workshop on the Applications of Global Navigation Satellite Systems, Dubai, United Arab Emirates, 16-20 January, 2011

ADDITIONAL INFORMATION

- Symposiums** 1-st International Gravity Field Service Symposium
“Gravity Field of the Earth”, Istanbul, September, 2006
EUREF Symposium, Florence, Italy, 27-30 May, 2009,
organized by IAG Sub-commission for Europe
EUREF Symposium, London, United Kingdom, 6-9 June
2007, organized by IAG Sub-commission for Europe
- Seminars** International Seminar „Modern Cadastre and Land
Consolidation”, Chisinau, Moldova, 3 October, 2013
organised by Moldavian Union of Surveyors
- Honours and
Awards** Honour order awarded for border demarcation between
USSR and Mongolia
- Memberships** Member of National Standardization Technical Committee
TC28 “Informational Technology” (2006-2010)
Moldavian representative of FP7 Programme Transport
(including aeronautics) Committee (2012-2013)

ADDITIONAL INFORMATION

- Work within CLGE** One of initiator of European Surveyor Day giving a presentation of Moldavian surveyor Day during CLGE GA 16-17 October 2011 in Tallinn, Estonia
- Organisation of International Seminar „Modern Cadastre and Land Consolidation” in Chisinau, Moldova, 3 October, 2013
- Organisation of autumn CLGE GA in Chisinau, Moldova, 3 October, 2013
- Adoption and Implementation of Code Code of Conduct for European Surveyors signed by the Presidents of CLGE, UGM and UGGCM
- Contribution of GLGE extension to Eastern European countries (Ukraine)
- Selecting of candidates for FIG Young Surveyors European Meetings and International Training Course in Topography for Young Surveyors arranged by Consiglio Nazionale Geometri Laureati



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Thank you for attention

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