



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Tiberius Septimiu TOMOIAGA**
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Nationality Romanian
Date of birth 15.10.1972
Gender Male

Work experience

Dates	05.2017 – present
Occupation or position held	Acting Scientific Deputy (Acting Scientific Director).
Main activities and responsibilities	Management of METRA's R&D and Test – Evaluation activities. Vice-president of METRA's Scientific Council. Conception of institutional development plans in R&D domains. President of the committee for monitoring, coordination, and guiding of implementation and development of internal/management control system. Involvement in developing the strategy for Quality Management. Coordination, with Scientific Secretary, of R&D results marketing and promoting.
Name and address of employer	Military Equipment and Technologies Research Agency
Type of business or sector	Scientific Research. Defence and Security.
Dates	05.2016 – present
Occupation or position held	Scientific Secretary. Head of Scientific Secretariat, Computerization and Libraries Section.
Main activities and responsibilities	Supporting Scientific Director in the development of annual R&D Plan. Organizing scientific activities like symposiums, workshops, specialist meetings etc. Coordinating all international activities. Coordinating the preparation of METRA's Military Technologies Magazine, METRA's Annual Report. Coordinating all standardization activities. Responsible for promoting the results of research activities by METRA's WEB page, media etc. Responsible for INTRANET and INTERNET networks. Responsible for acquiring technical documentations, magazines, scientific documentations. Promoting R&D competitions and supporting participation of METRA to them. Direct involvement in hiring process of R&D personnel.
Name and address of employer	Military Equipment and Technologies Research Agency
Type of business or sector	Scientific Research. Defence and Security.
Dates	09.2010 – 05.2016
Occupation or position held	Scientific Researcher II. Head of Weapon Systems and Indirect Force Protection Section.
Main activities and responsibilities	Managing activities for all 17 members of the Section. Managing research projects national and international, including NATO and European Defence Agency. Working also as member in different research teams involved in Defence and Security Research Projects.
Name and address of employer	Military Equipment and Technologies Research Agency
Type of business or sector	Scientific Research. Defence and Security.

Dates	02.2017 – present
Occupation or position held	Associate Professor.
Main activities and responsibilities	Teaching activities. To introduce officers from Romanian and foreign armies in the domain of R&D Management and R&D Project Management.
Name and address of employer	National Defence University. Regional Department of Defence Resources Management Studies.
Type of business or sector	Education
Dates	02.2014 – present
Occupation or position held	Associate Professor.
Main activities and responsibilities	Teaching activities. To introduce new students and master students to the field of geodesy, GIS, GPS navigation, cartography, cadaster and create the necessary skills to use specific software, hardware and tools in these fields. Courses taught: Geodesy, Ellipsoidal geodesy and GPS, Location based services, Geospatial data standardization, GIS design, GIS in cadastre and cartography.
Name and address of employer	University of Bucharest. Faculty of Geography.
Type of business or sector	Education
Dates	10.2009 – present
Occupation or position held	Associate Professor.
Main activities and responsibilities	Teaching activities. To introduce new aerospace engineering students to the field of geomatics and to give an overview of geomatics from the navigation perspective, understanding the shape of the Earth, its movement, and its magnetic field; also there is an introduction to the fields of cartographic representations and astronomy, GIS, GNSS. Courses taught: Geodesy/Astronomy (Geomatics), taught in English.
Name and address of employer	Politehnica University Bucharest. Faculty of Aerospace Engineering.
Type of business or sector	Education.
Dates	12.2008 – 09.2010
Occupation or position held	Scientific Researcher II. Head of Geographic Information Systems Laboratory.
Main activities and responsibilities	Managing activities for all 7 members of the Laboratory. Managing research projects. Working also as member in different research teams involved in Defence Research Project.
Name and address of employer	Military Equipment and Technologies Research Agency
Type of business or sector	Scientific Research. Defence and Security.
Dates	09.2007 – 09.2010
Occupation or position held	Scientific Researcher II. Project Manager.
Main activities and responsibilities	Managing research projects. Working also as member in different research teams involved in Defence Research Project.
Name and address of employer	Romanian Space Agency
Type of business or sector	Scientific Research.
Dates	04.1998 – 12.2008
Occupation or position held	Scientific Researcher III.
Main activities and responsibilities	Managing research projects. Working also as member in different research teams involved in Defence Research Project.
Name and address of employer	Military Equipment and Technologies Research Agency
Type of business or sector	Scientific Research. Defence and Security.
Dates	05.1997 – 04.1998
Occupation or position held	Scientific Researcher.
Main activities and responsibilities	Working in different research teams involved in Defence Research Project.
Name and address of employer	Military Topographical Department
Type of business or sector	Scientific Research. Defence and Security.

Education and training

Dates	10.2013 – 10.2013
Title of qualification awarded	Certificate
Principal subjects/occupational skills covered	"CSDP Orientation Course"
Name and type of organisation providing education and training	European Security and Defence College
Dates	01.2009 – 01.2009
Title of qualification awarded	Certification of Completion
Principal subjects/occupational skills covered	"AnaystPlus"
Name and type of organisation providing education and training	Space Imaging Middle East LLC
Dates	04.2007 – 06.2007
Title of qualification awarded	University Post Graduate Diploma
Principal subjects/occupational skills covered	"Introduction in National Security"/ Defence and National Security Politics
Name and type of organisation providing education and training	National Defence College
Dates	12.1999 – 06.2007
Title of qualification awarded	Doctor of Philosophy
Principal subjects/occupational skills covered	Thesis Title: "Contributions on Geoid Determination Using Global Geopotential Models and Local Gravity Data"
Name and type of organisation providing education and training	Military Technical Academy
Dates	06.2005
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Modeling software solutions using UML
Name and type of organisation providing education and training	Informatics Preparation Centre
Dates	10. 2005 – 12.2005
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Technical systems management for diplomat engineer officers in the branch of "Geodesy, Topography and Automated Topographic Data Supplying"
Name and type of organisation providing education and training	Military Technical Academy
Dates	03.2003 – 04.2003
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Oracle Database Introduction
Name and type of organisation providing education and training	RomSys

Dates	01. 2002 – 03.2002
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Advanced Logistics for diplomat engineers officer in the branch of "Geodesy, Topography and Automated Topographic Data Supplying"
Name and type of organisation providing education and training	Military Technical Academy
Dates	11.2000
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Object Oriented Programming
Name and type of organisation providing education and training	Informatics Preparation Centre
Dates	03. 1999 – 07.1999
Title of qualification awarded	University Post Graduate Diploma
Principal subjects/occupational skills covered	Management for diplomat engineers officer in the branch of "Military Geographic Information Systems"
Name and type of organisation providing education and training	Military Technical Academy
Dates	08.1991 – 05.1997
Title of qualification awarded	Bachelor of Science in Geodesy
Principal subjects/occupational skills covered	University Preparation
Name and type of organisation providing education and training	Military Technical Academy

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English (3, 2+, 2+, 3/STANAG 6001), French**

Self-assessment
European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User

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

Social skills and competences Good team work and communication abilities.

Organisational skills and competences

Member of Scientific Council
During my activities I contributed to the organization of different workshops, exhibitions and conferences
Member of Technical International Reviewers Committee for Optirob International Conference
National representative, Head of national delegations involved in different NATO STO Working Groups and NATO Groups (e.g. NAAG LCG DSS) , European Defence Agency (EDA)
Member in Program Management Group for EDA R&D Programs
Treasurer of Armed Forces Communications and Electronics Association (AFCEA) Chapter Bucharest
Fellow member of University Association for Science and Technology of Romania (UASTRO)

Computer skills and competences	Competent with Microsoft Office Remote sensing softwares: ERDAS, ENVI GIS: ArcGIS, QGIS GPS software: Pinnacle 1.0, Trimble Geomatics Programming: Delphi, UML
Driving licence	Romanian drivers licence. Category B and C vehicles.
Additional information	Reference available on request
Annexes	Annex 1: Professional Experience Record. Annex 2: Scientific meetings and publications

Annex 1: Professional Experience Record

Date from Date to	Location	Company	Position	Description
2018	Romania	Romanian Scientists Academy	Member	○ Critical infrastructures and their role in predictability of decisional act.
2017-2020	Romania	Solid Mechanics Institute	Member	○ Complex project: Intelligent multi-agent platform system for monitoring water flow on Romanian side of Danube and Delta of Danube (MultiMonD2). Project P3: Intelligent integration platform for CAO command – control for specific missions of robotized vectors.
2017-2020	Romania	Military Equipment and Technologies Research Agency	Project manager	○ Spatial technologies in support for local, national and regional disaster and crisis management – Solutions call (Top-Down project), beneficiary Romanian Space Agency, budget 10.454.865 lei
2017-2020	Romania	Military Equipment and Technologies Research Agency	Member	○ UAV platforms with dedicated capabilities and support infrastructure with use in homeland security missions – Solutions call (Top-Down project), beneficiary Ministry of Internal Affairs, budget 9.000.000 lei
2017-2019	Romania	Astronomical Institute of Romania Academy	Key person	○ Zenithal remote controlled instrument for astro-geodesic determination of vertical deflection –STAR programme
2017	Romania	Romanian Scientists Academy	Member	○ Asymmetry of processes and their influence on military and government decision making process.
2016-2018	-	European Defence Agency	Member in Program Management Group	○ Standard Architecture for Soldier Systems – STASS II. Data Management and Infrastructure.
2015	Romania	Military Equipment and Technologies Research Agency	Project manager	○ Gun stabilization system for TR 85 M1 tank – provide maintenance and modernization solution for GSS
2015	Romania	Military Equipment and Technologies Research Agency	Project manager	○ Firing control system for TR 85 M1 tank – provide maintenance and modernization solution for FCS
2015	Romania	Military Equipment and Technologies Research Agency	Team member	○ Reducing vulnerabilities of military vehicles against surveillance and target acquisition systems – providing methods on reducing vehicles detection by different sensors
2015	Romania	Military Equipment and Technologies Research Agency	Team member	○ Aiming device for thermobaric RPG 7 – design a prototype for an aiming device for the new thermobaric grenade
2014-2016	Romania	Military Equipment and Technologies Research Agency	Team member	○ Complex optoelectronic system for multispectral observation and analysis – design and development of a demonstrator for a portable multispectral sensor mountable on light weapons and flying drones
2014-2015	Romania	Military Equipment and Technologies Research Agency	Team member	○ Increasing operational capabilities and shooters protection of armoured vehicles by integrating remote operated turrets – demonstrating the efficiency of the use of remote operated turrets by integration on light armoured vehicles
2014-2015	Romania	Military Equipment and Technologies Research Agency	Team member	○ Multi protective combat uniform – design, development, testing and homologation of a prototype for a new and modern combat uniform

Date from Date to	Location	Company	Position	Description
2013	Romania	Military Equipment and Technologies Research Agency	Project manager	<ul style="list-style-type: none"> Organizing a photovoltaic park in military bases - Feasibility Study to support national participation to European Defence Agency's initiative EDA Go GREEN
2012-2013	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> Camouflage systems for individual soldiers and weapon systems – design and development of a prototype for a new and modern camouflage system for soldiers, vehicles and other weapon systems
2012-2013	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> Mobile weapon platform for armoured VAMTAC vehicles / design and development of a prototype for an upgraded, electric driven weapon platform
2012-2013	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> Surveillance aerostat system / design and development for a prototype of an aerostat based surveillance system, including command & control system.
2009-2015	-	European Defence Agency	Member in Program Management Group Member in R&T Working Group Project Manager for National contribution	<ul style="list-style-type: none"> Combat Equipments for Dismounted Soldier – CEDS. An European Defence Agency Program that aims to develop a common soldier system for European countries. 9 countries involved. National contribution for stage 2: 350000 EURO
2008-2011	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> Detection, identification and classification system for local underwater security risk factors – SECRIS – design and development of a UUV for different underwater risk generating factors detection and classification

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2008-2011	Romania	Military Equipment and Technologies Research Agency	Team member	○ Intelligent application of SAR sensors in the field of electronic intelligence - Target SAR
2008-2011	Romania	TradSym SRL	Team member	○ E-Learning platform for specialists in the field of integrated management and control systems in agriculture.
2008-2011	Romania	Romanian Space Agency	Team member	○ Complex system for applying GIS and remote sensing techniques in environmental monitoring and management for Black Sea shore
2008-2011	Romania	Military Equipment and Technologies Research Agency	Team member	○ Research studies for algorithms development for automatic/semiautomatic geographic data acquiring and error assessment – ALGIS - design and develop a solution for new algorithms with a great influence on scanned maps vectorization productivity
2008-2010	Romania	Military Equipment and Technologies Research Agency	Team member	○ Improving national research activities in Space and Security for strengthening European and international position as a key player - SPASEC
2008	Romania	Military Equipment and Technologies Research Agency	Team member	○ Development of a conversion technology in CIB image format – development and implementation of a technology for converting scanned maps and remote sensing images in CIB format for use in specific GIS military software
2008	Romania	Military Equipment and Technologies Research Agency	Project manager	○ Virtual reality based training system for dismounted soldier – design and integration of a virtual reality based training system for soldiers, using real GIS and weapon characteristics data
2008	Romania	Military Equipment and Technologies Research Agency	Team member	○ Integrated Geospatial Information System – design of a NATO compatible geospatial information system
2007-2010	Romania	Military Equipment and Technologies Research Agency	Team member	○ Indoor portable antiterrorist system for observation and surveillance – SAPOS - design and development of a small portable device that observes and surveys an indoor objective and of a software solution for data management.
2007-2010	Romania	Romanian Space Agency	Project manager	○ Advanced Technologies for Designing and Testing Navigation Equipments in Complex Environments – TANACO - design and development of a navigation solution for GPS denied environments, of a solution for a testing method based on pseudolites and of a software solution for 3D navigation for PDA's
2007-2010	Romania	Military Equipment and Technologies Research Agency	Team member	○ Hybrid method regarding the updating of thematically inventory on land use based on GIS/imagery, support for EU programs implementation in agriculture and environment - design and development of hybrid GIS/imagery method for updating of thematically inventory on land use
2007-2009	Romania	Military Equipment and Technologies Research Agency	Team member	○ Deployable GEOMETOC – design and development of a deployable GEOgraphical, MEteorological and OCeanographic data management system
2007-2008	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Information system for military permanent GPS station” – design and development of a permanent GPS station for military purposes.

Date from Date to	Location	Company	Position	Description
2007	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GIS for strategic level decision making” – design and development of a GIS application for supporting decision making at strategic level based on a national geodatabase.
2007	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Inertial Navigation System integration on the C4I system of MLI84M IFV” – design and development of an inertial navigation system and the integration in the C4I system of MLI84M IFV
2007	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Inertial Navigation System integration on the C4I system of TR85M1 battle tank” - design and development of an inertial navigation system and the integration in the C4I system of TR85M1 battle tank
2006-2008	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Centre for geospatial data derived information – CGINT” – design and development of an imagery data processing technology for intelligence; design and development of a centre that produces geospatial data derived information
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GISSINT system” – design and development of a GIS application for intelligence
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GIS application for monitoring fire control in Mălina and Capul Midia firing ranges” – design and development of geodatabases for Mălina and Capul Midia firing ranges, design and development of the mathematical support and software application for artillery firing simulation.
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Tactical complex thermal monitoring system of combat capability for exposed soldiers to EM radiations” – design and development of a GIS application that integrated data from different sensors like GPS and EM radiation sensors
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Land navigation system for TR85M1 battle tank” – design and development of a navigation system for TR85M1 battle.
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Land navigation system for IFV’s” - design and development of a navigation system for IFV’s
2006	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Advanced individual fighting system (SLIA)” - design and development of a concept and of a technical specification for an integrated advanced individual fighting system for land fighters that comprises from weapon system, C4I system (that integrates sensors, navigation, maps with tactical information, communications etc.), ballistic protection.
2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “ Capacity, specific applications and infrastructure for GNSS-Galileo” - design and development of a different application and capabilities regarding the GNSS-Galileo system
2005-2006	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Virtual reality based simulator for dismounted soldier training system” – design and development of a software application for a training system based on virtual reality for dismounted soldier.

Date from Date to	Location	Company	Position	Description
2005-2006	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GIS for geodetic database management” – design and development of a GIS for geodetic databases management.
2005	Romania	TradSym SRL	Team member	○ Technical Assistance to Develop Romanian Environmental related GIS maps, PHARE funded project
2004-2006	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “Future Soldier – Integrated system within the NATO interoperability context” – design and development of geodatabases and software application that combines information from camera, GPS, laser range finder, digital compass, text messages, position information from all team members and correlates them with maps.
2004	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Integrated optoelectronic system for future soldier system – SOPTIS” - design and development of geodatabases and software application that combines information from camera and GPS correlates them with maps.
2003-2004	Romania	Military Equipment and Technologies Research Agency	Project manager	○ GIS Application for artillery military operations management– design and development of geodatabases and software application artillery specific military operations management.
2003-2004	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “GIS application for thermal night vision target acquiring system” – design and development of geodatabases and software application that combines information from camera, GPS and laser range finder and correlates them with maps.
2003	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GIS application for monitoring fire control in Cincu firing range” – design and development of geodatabases for Cincu firing range, design and development of the mathematical support and software application for artillery firing simulation.
2002-2004	Romania	Military Equipment and Technologies Research Agency	Team member	○ “GIS extending using orthorectified remote sensing images” – design and development of a technology for remote sensing images orthorectification and of a GIS application using remote sensing imagery.
2002	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Technology development for computing Romanian Geoid with ± 10 cm accuracy” – design and development of a technology for geoid computation with ± 10 cm accuracy and of a software application for geoid determination.
2001	Romania	Military Equipment and Technologies Research Agency	Team member	○ “Effectiveness study for the integrated GPS within ACCS system” – design and development of a testing method regarding the GPS system integrated within the ACCS system.
2000-2002	Romania	Military Equipment and Technologies Research Agency	Project manager	○ “GIS application for military transportation” – design and development of a geospatial database for Romanian territory and of a software application for surface transportation optimal path computation.

Date from Date to	Location	Company	Position	Description
1999-2000	Romania	Military Topographic Directorate	Team member	<ul style="list-style-type: none"> ○ Geoid determination for Romanian territory” – design and development of a geoid model for Romanian territory.
1999	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> ○ “Technology of orthophotomaps at different scales” – design and development of a technology for producing orthophotomaps at different scales.
1998-1999	Romania	Military Equipment and Technologies Research Agency	Team member	<ul style="list-style-type: none"> ○ “Raster – vector integration technology for geospatial databases” – design and development of an integration technology of raster and vector databases; development of a GIS for a test area using the developed technology.
1997-1999	Romania	Military Topographic Directorate	Team member	<ul style="list-style-type: none"> ○ “NATO standards implementation in geodetic applications using SIGAT database” – design and development of an information system based on NATO standards

Annex 2: Scientific meetings and publications

SCIENTIFIC PAPERS

- 1 Tomoiagă Tiberius, Predoi Cristian, Coşereanu Liviu, *Indoor Mapping using Low Cost LIDAR Based Systems, Proceeding of International Conference on Recent Tendency in Aerospace, Robotics, Manufacturing Systems, Energy and Mechanical Engineering - OPTIROB 2016, Applied Mechanics and Materials, vol. 841, <http://www.scientific.net>, June 28 – July 01, Jupiter, Romania, ISBN 9783038356684;*
- 2 Marinescu Mirel, Alexei Adrian, Tomoiagă Tiberius, *Sistem mobil GEOMETOC, The XXXVIII-th International Scientific Symposium of METRA, Bucharest, 29.05.2008, ISBN: 978-973-0-05684-6;*
- 3 Marinescu Mirel, Tomoiagă Tiberius, Alexei Adrian, *Activităţi privind implementarea unei baze de date geodezice la Observatorul Astronomic Militar, Sesiunea de comunicări ştiinţifice cu participare internaţională a Agenţiei de Cercetare pentru Tehnică şi Tehnologii Militare, 2006;*
- 4 Alexei Adrian, Marinescu Mirel, Tomoiagă Tiberius, *Sisteme Informatice Geografice – Suport pentru simularea, planificarea şi conducerea acţiunilor de luptă, Sesiunea de comunicări ştiinţifice cu participare internaţională, 14-15.04.2005, Bucureşti, Universitatea Naţională de Apărare, pag. 560-569, ISBN: 973-663-174-5;*
- 5 Marinescu Mirel, Alexei Adrian, Tomoiagă Tiberius, *Conversii şi transformări de coordonate, The 30th Internationally attended scientific conference of the Military Technical Academy, Bucharest, 6-7 November 2005, ISBN: 973-640-012-3;*
- 6 Marinescu Mirel, Tomoiagă Tiberius, *Geoidul gravimetric pentru teritoriul României - o necesitate?, Sesiunea de comunicări ştiinţifice cu participare internaţională a Direcţiei Topografice Militare, Bucureşti, 2004;*
- 7 Tomoiagă Tiberius, *Validarea datelor gravimetrice, The 35-th International Scientific Symposium Of METRA, Vol. II, Bucureşti, 27-28 mai 2004, pag. 500, ISBN: 973-0-03501-6;*
- 8 Marinescu Mirel, Tomoiagă Tiberius, *Analiza reliefului utilizând imagini Ikonos. Studiu de caz: confluenţa Jiu - Jilţ, Sesiunea anuală de comunicări ştiinţifice, Facultatea de Geografie, Bucureşti, 2004;*
- 9 Tomoiagă Tiberius, Alexei Adrian, *Digital Terrain Modeling, The 34-th International Scientific Symposium Of METRA, Vol. II, Bucureşti, 29-30 mai 2003, pag. 119, ISBN: 973-0-03046-4;*
- 10 Marinescu Mirel, Alexei Adrian, Tomoiagă Tiberius, *About the inclusion of relief characteristic points and lines to digital terrain elevation model achievement, The 30th Internationally attended scientific conference of the Military Technical Academy, Bucharest, 6-7 November 2003, ISBN: 973-640-012-3;*
- 11 Alexei Adrian, Marinescu Mirel, Tomoiagă Tiberius, *Computing the accuracy of the digital elevation terrain model DTED1 on the Romanian territory, The 33-th International Scientific Symposium Of METRA, Vol. II, Bucureşti, 23-24 mai 2002, pag. 339, ISBN: 973-8323-11-8;*

BOOKS

- 1 Niţu Constantin, Tomoiagă Tiberius, *Proiectarea şi implementarea Sistemelor Informatice Geografice, Editura Universitară, Bucureşti, 2016, ISBN 978-606-28-0435-0*
- 2 Tomoiagă Tiberius, Niţu Constantin, *Geodezia şi Sistemele Informatice Geografice, Editura Universitară, Bucureşti, 2015, ISBN 978-606-28-0327-8*
- 3 Niţu Constantin, Tomoiagă Tiberius, *Sisteme Informatice Geografice în cartografie şi cadastru, Editura Universitară, Bucureşti, 2015, ISBN 978-606-28-0185-4*
- 4 Tomoiagă Tiberius, *Consideraţii privind precizia determinării geoidului gravimetric, Editura Topoexim, Bucureşti, 2008, ISBN 978-973-86105-4-5*

ARTICLES

- 1 Coşereanu Liviu, Tomoiagă Tiberius, *Asymmetric conflicts: cause and effects, Military Science Magazine no. 4/2017, Romanian Scientists Academy, Bucharest, Romania, ONLINE ISSN 2457-9904;*
- 2 Frunzeti Teodor, Coşereanu Liviu, Tomoiagă Tiberius, *Asymmetry of processes. Influences on interinstitutional cooperation, Military Science Magazine no. 4/2017, Romanian Scientists Academy, Bucharest, Romania, ONLINE ISSN 2457-9904;*
- 3 Tomoiagă Tiberius, Coşereanu Liviu, *Military R&D Involvement in Developing Unmanned Systems for Defense and Security, Proceeding of International Conference on Optimization of the Robots and Manipulators - OPTIROB*

- 2011 (ISI Thompson 2011), IACSIT Press, 2011, May 26-28, Sinaia, Romania, ISBN 9810889062, 9789810889067;
- 4 Tomoiagă Tiberius, Alexei Adrian, Marinescu Mirel, Alexandru Badea, *Coordinate conversions and transformations, Annals of DAAAM 2008 & Proceedings of the 19th International DAAAM Symposium (Indexată Thompson ISI), Slovak University of Technology Faculty of Materials Science and Technology in Trnava, Trnava, Slovakia, 22-25th October 2008*, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, pag. 1403-1404, ISSN 1726-9679, ISBN 978-3-901509-68-1;
- 5 Alexei Adrian, Tomoiagă Tiberius, Marinescu Mirel, Alexandru Badea, *Algorithms for automatic/semiautomatic geographic data acquiring and error assessment, Annals of DAAAM 2008 & Proceedings of the 19th International DAAAM Symposium (Indexată Thompson ISI), Slovak University of Technology Faculty of Materials Science and Technology in Trnava, Trnava, Slovakia, 22-25th October 2008*, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria, pag. 15-16, ISSN 1726-9679, ISBN 978-3-901509-68-1;
- 6 Marinescu Mirel, Tomoiagă Tiberius, Stanciu Florin, *Testarea preciziei unui Model Numeric al Terenului obținut dintr-un cuplu de imagini stereoscopice SPOT 5, Revista Tehnica Militară nr. 2-3 din 2005*, pag. 8-12, ISSN 1582-7321;
- 7 Marinescu Mirel, Tomoiagă Tiberius, *Determinarea undulațiilor geoidului pentru România cu precizia de ± 10 cm, Revista ACTTM nr. 1 din 2003*, pag. 23-26, ISSN 1454-0363;
- 8 Marinescu Mirel, Tomoiagă Tiberius, *Geoidul gravimetric pentru teritoriul României, Revista ACTTM nr. 1-2 din 2001*, pag. 92-96, ISSN 1454-0363;
- 9 Tomoiagă Tiberius, Alexei Adrian, *Sistemele Informaționale Geografice - instrumente în luarea deciziilor, Revista ACTTM nr. 2-3 din 2000*, ISSN 1454-0363;