



ROMANIA
MINISTRY OF EDUCATION
"1 DECEMBRIE 1918" UNIVERSITY OF ALBA IULIA
5 Gabriel Bethlen Str., RO - 510009 Alba Iulia,
Phone: 40 - 258 - 806130, Fax: 40 - 258 - 812 630
e-mail: cond@uab.ro

University "1 Decembrie 1918" of Alba Iulia is a public higher education and research institution integrated into the national higher education system, which functions according to the Romanian Constitution, the Law of Education and Law 88/1993, according to the University Charter and to its own internal regulations. The University was established in 1991, through the Romanian Government Decision no. 474/09.07.1991 and it currently has 25 specializations organized on 5 faculties.

The University began to function with two specializations: History and Orthodox Theology – Social Work. During 1992-1994 new areas of study were introduced namely Philology, Economics and Legal Science. Between 1995 and 1998 two other areas were added, Social Work and Museum Science. One of the priority strategies was to develop short-term higher education (college) and in the academic year 1997/1998 new areas of study were initiated: Topography, cadastre and land management, Information Technology and Secretarial studies. In 2001-2002, the long-term specialization Cadastre, area of study Geodesy was accredited. Since 2003-2004, the one-year postgraduate specialization course "Modern technologies in topography and cadastre work" is held.

In 2005, following the Bologna Convention, both the short-term and long-term specializations were restructured. At present, the specialization Land measurement and cadastre is a four-year undergraduate program counting more than 500 students, out of the approximately 6500 students enrolled in our University.

Today, there are ten buildings in the University campus. Five are destined for teaching and research activities, among which the Multi-User Research Center, four are student dormitories and the most recent is the Apor Palace, a renovated historical building, where the Rector's office, head administration and important departments are located.

There is a constant interest in developing study and research facilities, in introducing new software programs to assist education, research and management. Additional efforts are made to increase the number of books and periodicals found in the University library and to update the equipments found in laboratories in order to ensure efficient education and research activities.

The reference points of the development strategy in education are: a modern, student-focused education, combined education and research as specific teaching and learning academic method, creating curriculum modules, dividing study programs according to study cycles, mobility and flexibility of individual study tracks, study programs in collaboration with Romanian and foreign universities and research institutions and finding new funding sources such as grants, research contracts and international programs.

The Topography and Cadastre Department and its adjoined research center aims to develop scientific research, and use applied research to solve practical cadastral survey and topography problems by concluding contracts with beneficiaries and by publishing research articles.

Romanian economy and society needs experts in the field of Cadastre considering that general cadastre needs to be introduced and maintained in Romania.

The aim of the specialization „Land measurement and cadastre” on Bachelor Degree and „Geographical Information Systems and Real Estate Management” on Master Degree in view of training experts in this field is to find a balanced manner of approach and harmonize technologies in land surveys, to study land ownership problems, land degradation problems and methods to stop them, the use of modern technologies for inputting and updating cadastral records, finding ways to apply modern cadastre methods for agricultural works, forest works, hydrological, communication and archaeological works, considering that at a European and world level, the issue of cadastral survey is far ahead.

One of the basic missions of the University is to use the local resources of the city of Alba Iulia and restructure and develop academic education in the context of the educational reform, which among others, implies an institutional framework and material resources to use the full potential of the city and surrounding areas. It also implies a team of teaching staff and researcher on the Cadastre and Topography field. The teaching staff members on the specialization are: Prof. Dr. eng. Ioan IENCIU, Prof. Dr. eng. Moise Ioan ACHIM, Prof. Dr. Levente DIMEN, Assoc. Prof. Dr. eng. Tudor BORȘAN, Assoc. Prof. Dr. eng. Luciana OPREA, Assoc. Prof. Dr. eng. Andreea Ramona BEGOV-UNGUR, Lect. Dr. eng. Alexandra Silvia DREGHICI, Assoc. Prof. Dr. eng. Eva Magdolna KONCSAG, Lect. Dr. eng. George Emanuel VOICU.

In the context of international development, we can mention that „1 Decembrie 1918” University of Alba Iulia has been affiliated to the International Federation of Surveyors (F.I.G.) since 2005.

The University also aims to use the modern laboratories and equipment at their maximum level, for the benefit of its teaching staff and students studying in this field.

RevCAD
No. 30
2021

AETERNITAS PUBLISHING HOUSE ALBA IULIA
ISSN 2068 - 5203
ISSN-L 2068 - 519X
<http://revcad.uab.ro>



ROMANIA
MINISTRY OF EDUCATION
"1 DECEMBRIE 1918" UNIVERSITY OF ALBA IULIA

RevCAD

Journal of Geodesy and Cadastre

RevCAD
No. 30
2021

AETERNITAS PUBLISHING HOUSE
ALBA IULIA

REV CAD Journal of Geodesy and Cadastre RevCAD No. 30 2021

S.C. TOP GEOCART S.R.L – Distribuitor Autorizat Leica Geosystems in Romania



Bucuresti - Sediul Central
Str. Prof. Ion Maiorescu, Nr. 67, Sect. 2
Tel: 021.253.05.30; Fax: 021.252.12.15;
web: www.topgeocart.ro
e-mail: office@topgeocart.ro

- when it has to be right



PRESENTATION OF PRODUCTS AND SERVICES POTFOLIO

For over more 19 years, **TOP GEOCART company** is the representative of Leica Geosystems AG, a swiss manufacturer with long tradition in producing equipments and systems for surveying, geodetic, construction, industrial tasks, etc.

We also are the representative for **Amberg Technologies AG**, one of the most important suppliers for specializd systems for collecting, georeferencing and processing data for civil infrastructure. We can mention here solution like Amberg Rail Surveying and Tunnel Surveying Amberg and the list can be extended.

Our company is a long term partner and we offer complete solutions such as:

- Surveying equipment for all kind of tasks starting with the simple one designed for construction and finishing with electronic equipment with built-in computer such as GPS GNSS systems or 3D laser snanning systems;
- Providing training accomplishments and all the necessary technical support during the utilization of the equipment;
- Warranty and post-warranty service;
- Computing technology and software for data processing.

Due to the experience and the qualification of our personnel, we provide:

- Designing, implementing/installating and configurating measuring systems;
- Training for beneficiary personnel;
- Service and Meintenance;
- Consultancy and Special field works (GNSS control networks, railways, bridges, 3D scans, etc)

Stated systems are configured by Top Geocart in order to obtain the best possible quality / price and to ensure the following unique features of Leica Geosystems products:

- the systems are supplied by a single manufacturer;
- full compatibility between systems (the same data, code lists, download formats, etc.)
- unitary software for all systems;
- system multifunctionality that can be used both for accuracy measurements and quick data collection.

Basic requirements of users - the principle behind the the development of Top Geocart

- The need for qualified workers employment and their re-specializations;
- Instruments and flexible and multifunctional technologies;
- Accuracy, pecicion and reliable measurements;
- High-performance and precise equipments for hard working conditions;
- Easyways for data recording and data management;
- Service and technical support during the utilization of the equipment;



- when it has to be right

