NATIONAL UNIVERSITY OF PUBLIC SERVICE
Military Sciences Doktoral School

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The soldiargeographicpal aspects of scriptpicture-geography and its place in the system of writinganalysis, the military applications of this method

on PhD dissertation

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At the beginning of my research I knew that the topic I have chosen has never been examined in such a detailed form and with an attitude like that so far.

My thesis is a bold scientific creation from more aspects. Such words like **scriptpicture-geography, writinganalysis** can be found already in the title which have appeared in scientific and public life recently. Therefore the primary task is to define them in an obvious and professional way and to fill them with content.

Such concepts can be found in the thesis like GraphOphtalmology, scripthistory-paleography, writinganalysis-graphology, which indirectly or directly but are in connection with the research of writing. The common thing in these concepts and compound words is THE WRITING itself.

The thesis is new from more aspects as well and it is to give a sort of systemtheorie, systemtheorie to the more comprehensive scientific research of writing.

Presently the scientific research of writing has a historic feature fundamentally or it aims only the identification and the cognition of the creator of the writing.

I tried to keep myself away from the generalisation, because new concepts and applications will be highlighted, that is why the creation of a new attitude was determining for me.

The thesis is basically about scriptpicture-geography and writinganalysis as new knowledge aggregation.

The wording of the scientific problem

The basic idea of scriptpicture-geography was born in 2002 when with the contribution of an eye-specialist we started a research in different elementary schools in Hungary. We examined that what sort of effect can have the ethnical, cultural, subcultural, natural and geographical dispositions on the Hungarian population, within this on the conditions of ophthalmology of elementary school learners. We called this research GraphOphtalmology.

In the survey the sociocultural criteria were given which can influence the birth of writing.

Over the age distribution, family situations, national origin of the examined population, the structure, the size of the living area and the tradition can have a leading role.

The professional-technical examination of this question is primerly examined by writingpsychology and graphology.

However, a need has emerged which is to create a plan for the dimension of research field as spatiality in the system of earth sciences.

Some scientifically never examined details of writing can have a strong connection with the topics of geography such as cultural geography, healthgeography and soldiergeography.

Thus the choice of this topic is fundamentally reasoned by the appearance of a new task. Basically the appearance of a new task, the spatiality of writing examined by scriptpicture-geography and system of writinganalysis and the creation of its attitude and its scientific theory gave the reason to choose this topic.

What proves its topicality is that as a result of improving the well-known methods of writinganalysis the creation of new professional possibilities became necessary.

I named the new system **writinganalysis**, which contains a researchfield, the **scriptpicture-geography.**

I display the new system, attitude and the basic schema of writinganalysis.

1. illustration. The basic schema of writinganalysis
(edited by L. Farkas)

The problems of the research and the wording of the thesis:

The disciplinary sources connected to the topic of the thesis are only partly available. Mainly the research of literature of national and certainly the foreign paleography

and the traditional writinganalysis–graphology, writingpsychology, writingidenification - is possible.

The topic has already been displayed in several national and foreign professional conferences, where due to its novelty its acceptance was curious and expectant.

The setting up of thesis shows the connection between theory and research. It suggests that both the induction and deduction must get a role in research and the creation of a new theory.

I set up the following **theses** in my essay:

1. The definitionsystem and the attitude of scriptpicture-geography and writinganalysis is new and suitable for a more complex examination and research.

2. The spatiality of scriptpicture and its military aspect exists, therefore the new, never examined dimensions can be examined with the involvement of sociogeography and soldiergeography.

Writing connects to people as the plastic appearing form of language, that is why the examination of scientific scriptpicture-geography has a leading role, as it accompanies the history of mankind in time and space as a special humanistic and general cultural phenomenon.

3. The scriptpicture-geographical and writinanalytical research and approach enable the scientific formulation of the coherences/correlations concerning the writing and all the circumstances affecting writing inter alia concerning the geographic disposition and culture.

4. The examination, the research of writing tools and writing surface and placing them in historical age and geographical environment is the possibility and task of scriptpicture-geography.

At the certification of theses I aimed the comprehensive, scientific, and synthesizing sketching of the writinganalytical system approach, which concerns the key issues.

Applied strategies and methods:

In my research studies **I considered a fundamental viewpoint** the intention of scientific substantiation, the system-based approach, formation of consequences based on analysis and synthesis and the support of scientific thesis with practical examples. In my essay I applied both the **general and uncommon research methods**. Due to the nature of my topic I had to apply the analytic method for the

processing of the collected literature then after the organization I synthetized the knowledge available.

I equally used the method of induction and deduction in the working up of the literature. After I had learnt the literature thoroughfully first I set up thesis from the particular research methods, which I justify at the end of my dissertation. I fulfilled the continuos publication of the scientific partial results of my research as a primal requirement. I did not ignore the observations and surveys in my research. I made the data complete with questionnaires and controll materials and in their evaluation I applied mathematic statistic methods.

The short summary of the chapters:

Practically the writingpicture-geography independently has not appeared independently yet, therefore the FIRST CHAPTER demonstrates the principles/bases of **scriptpicture-geography**, its system, its scientific-taxonomic place, its possible connection to soldiergeography and its place and role in the system of **writinganalysis.**

The principle of writinganalysis and the theory which supports its scientific notion will be specified. This chapter is the genesis of the essay therefore more attention should be given.

I consider the idea, and the concept of scriptpicture-geography and its whole system as the result of the postmodern thinking.

> **Scriptpicture-geography examines the spatiality of graphic phenomena or the laws that can be derived form it and related to it. It explains the human graphic activity and the casual coherence of its environment based on the specialities of graphic production.**

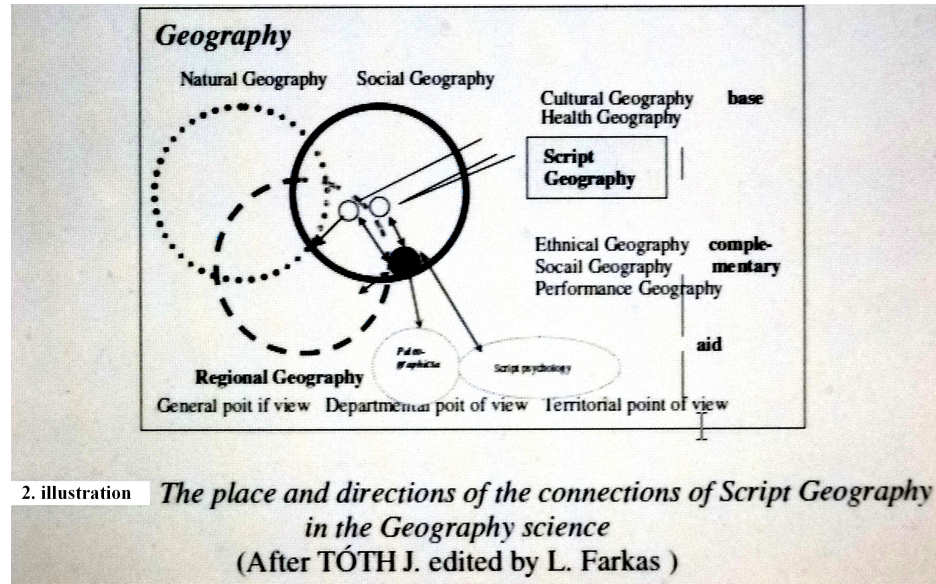**The function of the scriptpicture-geography is binary:**

- on the one hand by the changes of the standardized writing images it gives a true mapping of the image of age

- on the other hand it becomes unique due to the standardized writingelements gives an opportunity to the recognition of the personality

The subject of scriptpicture-geography: the WRITING and its environment.

Based on the writing the scriptpicture-geography examines the historicity of the human culture, its geographical society processes, its geographic disposition with its

changes. It has a very important role in that, based on the writing, one can recognize the culture of a region and the specialities of its geographical society.

In the diagram number 2 I outline the place of scriptpicture-geography and its connection lines in geography or to particular disciplines.

Geography

Natural Geography   Social Geography

Cultural Geography   **base**
Health Geography

Script Geography

Ethnical Geography   **comple-**
Socail Geography   **mentary**
Performance Geography

aid

Pda-Hraphiz   Script psychology

Regional Geography

General poit if view   Departmentai poit of view   Territorial point of view

2. illustration   *The place and directions of the connections of Script Geography in the Geography science*
(After TÓTH J. edited by L. Farkas)

An important companion science of scriptpicture-geography is the healthgeography, which is closely related **to** the GraphOphtalmology activity and **research.**

Since the scientific-theoratical principle of my dissertation is thanked to the research results thus I will present the main moments of the research.

The research aimed to develop an ophtalmic screening procedure with the help of the writing. We examined the suggestion that whether the writing is applicable for the detection of the ophtalmic condition or adequate eye-specific writing features exist?

In the survey the sociocultural criteria were given which can influence the genesis of writing.

Beyond the age distribution of the examined population, its family and parenting situation, its national affiliation according to our presumption the size and settlementstrucure of the residence and the traditions can have a determining role. After I had evaluated the differences of the emerging results I drew the conclusion that beyond the adequately detectable specific writingfeatures, which can indicate the ophtalmic condition, the writing specifications must refer to the different influential factors of the geographical regions as well.

My former study, written in 2005, suggests that neither the writingpsychology or the graphology, nor the presently known and accepted sociogeographical trends are suitable for giving a clear and scientific explanation to these possible correlations.

Scriptpicture-geography can give a complex answer, whithin which one can examine that whether the subcultural, geographical dispositions might have an influencing effect on the ophtalmic condition of the Hungarian population, the elementary school learners.

This idea gave the scientific accessibility of my concept that the scriptpicture can have sociogeographical projections and detectable spatiality.

One direct outcome of the research was that we processed the observable writingfeatures of presbyopia and nearsightedness can be traced in writing.

The *diagram number 3* shows the research directions, areas which overlap the major part of the questions studied by the scriptpicture-geography.
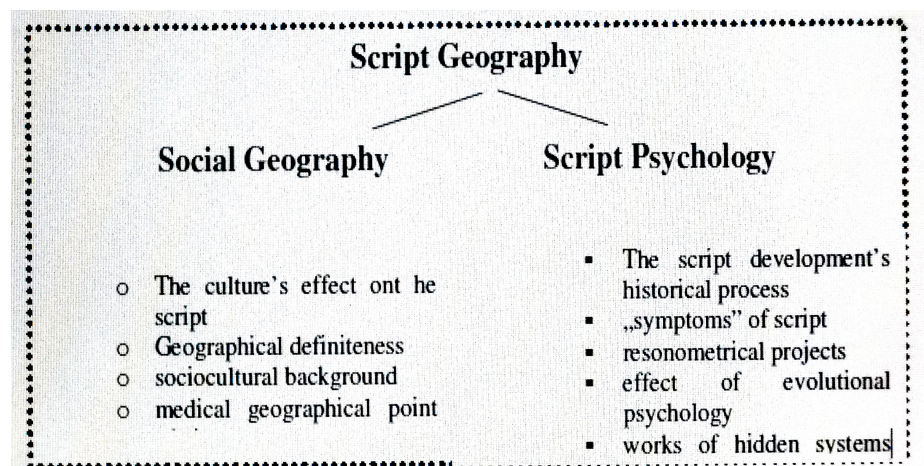
3. *illustration. Inside structure of Script Geography* (edited by Farkas L.)

At the definition of soldiergeography we meet such approach that can help to navigate in the knowledge of scriptpicture-geography. Scriptpicture-geography also aims the spatial classifiacation of phenomena –specifically the graphic phenomena, and it searches the casual cohernces of human phenomena. It examines writings, creations of people and their culture and it is able to go in detailed assessment.

In the research I seeked the connection which has geographic, soldiergeographic aspect. In my opinion this field is THE LANGUAGE, because writing is the appearance form of the language, the capturing of our thoughts with visible signs for eliminating time and space differences and many more reasons. **From the aspect of my research topic it is an important fact that a nation's wandering affects the nation in new environment and its literacy.**

According to my theory the writing and its „picture" can depend on the geographic environment, the given ethnicity and its subculture and even on the dialect, costumes, military presence of the geopolitics as well.

In wider interpretation a question can be varied that which circumstances have affect on writing as a medium, where beside many others one can detect the social, -political, - military presence as well.

I put in this circle that a nation, in a present day perception, and its literacy is greatly affected by its narrower and wider environment together with all of its elements.

In the narrower interpretation of the meeting points of scriptpicture-geography and soldiergeography those areas belong which have direct military aspect, for example:

- the spelling of military documents, the cultural, geographical background of its genesis and literacy,
- the historicity of the genesis of military terms,
- the biding of military families to a military subculture.

The scriptpicture-geography is part of writinganalysis, thus the setup of this system's elements was important.

> **In philosophical sense the writinganalysis is the art, practice, core of logical analysis associated with writing or the teaching of the basic elements and conditions of thinking induced by writing.**
>
> **Writinganalysis focuses not only on the writer, but examines the human product, as the done product together with all of its conditions.**

In the essay the writinganalysis systemtheorie, its functions, its object, competences and the main characteristics of this activity were described in detail:

a) the active engagement in the full survey of the writing's tangible elements
b) the help of soldiergeographical and writinghistorian research
c) with the statement of personality potentials to complete and clearify other writinganalists' and writingpsyhologists' analytical, theoretical background,
d) to contribute other areas of society, economy and culture.

I illustrate the system of factors which influence the analysis of writing:
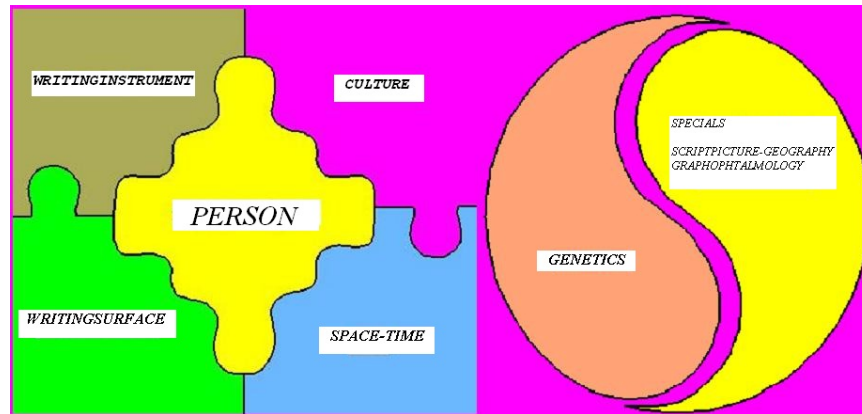
graphological analysis of the subject
writing identification of the
subject
writinganalysis   analysis   of   the   subject = WRITING
4. illustration. *An object OF WRITINGANALYTICAL*
(edited by L. Farkas)

IN THE SECOND CHAPTER I examined all the circumstances of writing which determine the approach of scriptpicture-geography and writinganalysis. The appearance of the different **writinginstruments** and their usage have fundamental affect on the formal creating of writing. Beside this, the listing of writinginstrument is also important, because it is one important componant of the writinganalysis approach.

Besides the writinginstruments, another instrument has to be mentioned, **the writingsurface**, it is a tool for displaying the scriptpicture.

The available material influenced the formation and development of different spelling decisively.

In most cases for scientists it was a serious effort to decode an old writing and moreover there are still such writings that have not been scrambled up till now. I shortly indicated those writings, which we have information about and the effect on culture can be traced.

Considering the viewpoints of scriptpicture-geography and writinganalysis I accept the following approach of the writing's concept:

Thinking further Kálmán Vass's definition of writing and starting from the modern writingsystem, analyzing the content of its everyday usage, I understand the notion of the writing the following:

> **Basically the writing is a communication, an expression which fixes and supplements the auditive speech. A human thought created for this purpose, a special, jointly and severally accepted, relatively generally**

known meaning, visually detected, time and space related message with signs and the immortalization of all of this.

IN THE THIRD CHAPTER I formulated that according to the approach of scriptpicture-geography and writinganalysis, the spatiality of writingpicture and its military aspect exist, therefore these new, up till now not examined dimensions can be studied with the involvement of the sociogeography and soldiergeography.

This thought is one of the thesis of the dissertation, thus I reviewed the main general characteristics of soldiergeography and sociogeography in this chapter.

It is doubtless that also geography is being under a continuous transformation. Its thematic scope, its methodological apparatus, its relationship with other disciplines are expanding and changing.

I put the writing and writing test in this line, which also affects the development of geography. In my opinion a new, up till now not examined dimension, the spatiality of scriptpicture also exist, thus it can be studied with the involvement of geography and with its methods.

According to me scriptpicture-geography has a strong connection to **cultural and soldiergeography**, therefore, I think, the short review of them is expedient.

In the formation of scriptpicture-geographical theorie the following geographical concept can play an important role:

„Geography is a science which deals with the spatial classification of phenomena on the surface of the Earth and close. The casual coherence of the natural and human phenomena is explained by the help of geography: the works of humans and their culture, the connections of the fauna, the vegetation, the climate, the oceans and the continents. These casual coherences are important in the problem to solve. Geography is able to give a detailed assessment according to the type of the problem to be solved."

In the study of the concept you can find phrases that I took into consideration already in the first chapter at the forming of the scriptpicture-geographic concept, definition and systemtheory:

- **the spatial classification of phenomena,**
- **the casual coherences of human phenomena,**
- **people and the creation of their culture,**
- **detailed assessment.**

IN THE FORTH CHAPTER I detailed the scope of scriptpicture-geography and writinganalysis, highly the military aspect.

According to the possibilities in history and my experience, considering the scope, **the most important fields of writinganalysis are the following:**

paleographical, research historical, company, clinical, psychological, pedagogical, forensic, military, intelligence, commonplace, ophthalmic, higher education.

Beside this I reviewed the possible applications in humanpolitical and humanresource work, and I detailed some coherences of personality and writing.

SUMMARIZED CONCLUSIONS:

I came to the following conclusion in the justifiction of thesis in the dissertation:

- *I stated* based on the historian researches and my researches that practically the present available writinganalytical methods are only partially meet the new requirements and challenges.

- *I formulated* the new aim of writinganalysis and I elaborated the new system of scriptpicture-geography and writinganalysis, I determined its content.

- *I showed*, as a separate summary of historic review, that the examination of writingsurface and writingtools, their research and their disposition in historic age and geographical environment is the task and opportunity of writingpicture-geography and writinganalysis.

- *I stated* that the results of GraphOphtalmologic research and the formation of setup theories can give a basis for the examination of the coherences of writing, geographic sphere and culture and further research.

- *I displayed* that the spatiality of scrpitpicture and its military aspect exist, thus this new, up till now not examined dimensions can be studied by the involvement of sociogeography and soldiergeography.

- *I followed through* the European developments of language, based on that I determined that writing as a plastic appearing form of language connects to man or because of its military aspects *I unfolded* its soldiergeograhic aspects.

- Considering all the circumstances of analysis of writing *I marked out* the new directions and frames of writinganalysis.

- *I summarized* my experience and the experience of university education and research results and *I made a proposal* to introduce a new method.

- *I pointed out* the importance of changing the content elements of the known writinganalysis and *I marked* new contents after analyzing the practice available.

- *I showed* that the intoduction of new approach is necessary. *I fully developed* the theoretical background and concept of the new system and its functions, object and competencies. *I prepared* the university vocational training program for testing.

- The university training program has been compiled to reflect the interdisciplinary character which concerns the full range of writinganalytical specific professional competence.

- *I showed* that the training program has withstood the ordeal, six graduate groups of 64 people have obtained universitiy and college diploma.

By setting up the new approach *I made a clear distiction* between writinganalysis, writingidentification and graphology.

New scientific results:

As outlined in the thesis **I found the followings as new scientific results:**

1. **Based on my research I defined the new opportunities of analyzing writings:**

   - I worked out the system, the content and the new scientific principles of scriptpicture-geography and writinganalysis.

   - I showed that scriptpicture-geography and writinganalysis are individually able to take a role, task, which aims is a direct and detailed study of all the elements of writing.

   - I proved the importance of writinganalysis system beside the up till now known writinganalytical methods.

2. **I justified that the saptiality of scriptpicture and its military aspects exist, thus these, up till now not examined, dimensions can be studied by the applying of theories of sociogeography and soldiergeography.**

3. **I proved that writing as a plastic appearing form of language connects to man and that is why the scientific scriptpicture—geography analysis has essential role and importance.**

The practical use of scientific results, recommendations:

The analysis and dedeuctions worked out in the thesis make an integrated system. Based on the formulated ideas **I suggest the use of the thesis for the following processes:**

✓ in order to develop further the analysis of writing, for the dissemantation of the approach of scriptpicture-geography and writinganalysis;

✓ for analyzing writing, within this for the application of the novel approach of scriptgpicture-geography, in human, pedagogical, paleographical, soldiergeographical aspects;

✓ for using the theory of scriptpicture-geography and writinganalysis to prepare writing professionals outside the school system;

✓ based on the theoretical basis of the developed system for the methodological development of the vocational training which was launched in the educational system of ZMNE;

✓ bassed on novel scientific approach for preparing the university education and master's training program of scriptpicture-geography and writinganalysis;

✓ I found it necessary to summarize all the information related to scriptpicture-geography and writinganalysis in a separate, standalone atlas- as amodel of language atlases and geographical atlases.

The thesis drew attention to the cardinal points of scientific approach and the system of scriptpicture-geography and writinganalysis, however, the methodology of the practical implementation and technology were partially or not at all concerned.

Proposal for the continuation of the research:

❖ to make a representative national survey of matters related, taking into account the languagegeographic and soldiergeographic aspects;

❖ practical use of scriptpicture-geography and writinganalysis, the development of its applying methodology;

❖ developing the training program of out of school system;

❖ refining, actualizing the vocational program of university education;

❖ validation of university education and master's trainig;

❖ creating a professional chamber is justified to validate the professional advocacy and protection of interest.

I am convinced that the thesis has revealed more questions which provides a reasonable basis to the further research of complex and scientific analysis of writing and they facilitate its practical realization. It started such ideas and change of attitude which development and partial or total realization will bring qualitative changes in the practice of writinganalysis.

Theorists and practitioners can have beneficial use of the missed list of literature cited in bibliography.

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9. The birth of GrafOphtamology.   2002/9/ 19-21.pp.

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46. Meditation upon graphology and human contacts.   1998/6/7.pp.

Curriculum Vitae

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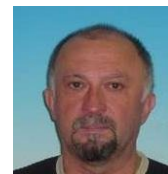
EDUCATION:

certified writinganalyst (2008-2010. 02. 25.)   875/1777-27/2010.
  Miklós Zrínyi National Defence University KLHTK
MA of Pedagogy and Teacher (2002-2005. 06. 10.)
  University of Pécs BTK -   TL-35/2005.
instrumentation and control engineer (1972-1976. 08. 20.)
  Máté Zalka Military Technical College   17/1976.)

FURTHER QUALIFICATIONS:

military intellligence retraining (advanced) Police Academy   8/1977.
military intelligence training KGB USSR State Security College   336 l/c/1983.
silver by judicial expert graphologist Ministry of Justice   5075/1996.
OKJ Exam Commision President Ministry of Education   15834/34/2003.
graphologist OKJ 54 7899 04   004/2005/A.

SCIENTIFIC STUDY:

University of Pécs Faculty of FI DI PhD student 2005-2008.   PT H 001387
MZNDU Graduate School of Military Sciences   Absolutorium   2009

LANGUAGE SKILLS:

English: intermediate 2009-Rigó   EG010-24700 and EI010-09118
German intermediate 2012 Rigó   HI010-12975 és HH010-29683
Esperanto: basic 2010 –Rigó   FH010-13998

JOBS:

1976-1990: **Home Office** (BM. III/IV. group Chief)
1990-2007: **Military Security Office** (retired lieutenant colonel)
2008-2012: **Miklós Zrínyi National Defence University** (assistant professor, responsible for vocational training of writinganalysis expert)

WORK EXPERIENCE:

In the Home Office and at the Military Security Office

Management, support and psychological approach to people who are in prolonged and intense stress. Filtering of data, false, misleading information in interviews.
Providing information on national security at industrial and personal checks.
Theoretical and practical experience of education and educational organization.

Teaching experience gained in higher education

At the University of Pécs, in the Institute of Educational Sciences Faculty of Arts, between 2005-2008 I gave lectures combined with examinations and held training sessions for full-time students in the topic of graphology in teacher education.
Within this framework, from 1999 to 2001, I developed a training program for national security and I headed the national security retraining course as a class teacher.
Between 2007 and 2011 I taught about the special questions of writing analysis for the students of national security.

On the 11st of March in 2008 I started the writinganalysis postgraduate training of students in vocational training, at the MZNDU Sociology, Psychology and Education Department, where I am responsible for training, as well as for the subjects and I taught vocational subjects until the 30th of June 2012.

As a graphologist

Since 1996 I have been teaching the knowledge of graphology in basic, intermediate, and advanced level in different schools and forums.

Since 1996, I have given judicial expertise to courts, police and private individuals.

I make lie detection test with GRAFOMETER for the police.

Since 2003 as a President of the Commission accredited exam I have been testing on secondary and tertiary levels. I was the first 54-level exam committee chairman in the country.

Other knowledge, experience

PC knowledge, (Microsoft Office-Word, PowerPoint, Photo Editor, Excel)

NEPTUN system (ZMNDU- establishment of writing analysis expert system of vocational training from 03 2008).

Driving licence: category B, C

Organizational Memberships

2000- Member of Military Sciences

2003- Founding president of Hungarian GrafhOphthalmological Society

2011- Honorary Member of Hungarian Scripture Study Society

Foreign professional relations

English, Dutch and Italian graphology companies mutual and joint conferences. I have had professional tour in the Netherlands and Italy so far. I made studies in the Soviet Union.

Scientific area of interest, development work

My PhD thesis and my research assumed that applying the method of GrafOphthalmology, based on the academic requirements the reality of writinganalytical and scriptpicture-geographical allegations must be justified.

The topic of my thesis:

The soldiargeographicpal aspects of scriptpicture-geography and its place in the system of writinganalysis, the military applications of this method

Currently, in the country only I apply such a computer connected device which - perhaps first in the world – allows the storage and statistical processing of large amounts of writing characteristic of movement, this is the **GRAFOMETER**, it is a lie detector.

A kind of parallel can be created between the neurological-physical movements and the startegies of pchyhotic behaviour by the technical applying of the process.

For the national security services I conducted a research in the appearance of distress under special circumstances, in addition, I was looking for the writing analytical projections.

At the National Defence University, from the 11st of March 2008 the writinganalyst postgraduate training started, where I am in charge of the professional training course and I created the theory, practice and administration perspective of the program.

Budapest, december 2012

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