

# PENETRATION INTO UNREACHED

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**Abstract** - The first preliminary results of attempt at objective physical detection (measuring) the geopathogenic zones are given in this paper. The geopathogenic zones are the influencing zones of the underground flowing waters and geological clefts, which have negative effects on living organisms. Because the nature of geopathogenic influences is unknown so far, there are hitherto no instruments for its detection and measuring. Here the first preliminary results objective detection the geopathogenic zones influence on the brain wave frequency are given. So this is the first physical detection of the geopathogenic zones so far.

**Keywords** - Brain waves, Dowsing, Geopathogenic zones, Radiesthesia, Underground water.

## I. PREFACE

I dedicate not only this paper but work and results, to the magnificent achievements of Nikola Tesla, to the man who peered into all pores of man's life.

In the famous lecture "Experiments with Alternate Currents of Very High Frequency and Their Application to Methods of Artificial Illumination" held before the IEEE at Columbia University, New York on may 20. 1891, Tesla explains the path he chose in his research and the reason why he used precisely light and luminous effects in order to enter into the nature of electricity. He explains it by the need for light in man's enlightenment. He said:

"The spark of an induction coil, the glow of an incandescent lamp, the manifestations of the mechanical forces of currents and magnets are no longer beyond our grasp; instead of the incomprehensible, as before, their observation suggest now in our minds a simple mechanism, and although as to its precise nature, all is still conjecture, yet we know that the truth cannot be much longer hidden, and instinctively we feel that the understanding is dawning upon us" [1].

Tesla's great ideas, interest, creativity and achievement enabled him to move the boundary of science and knowledge's. This all stimulate (inspire) me, to occupy myself with something what through centuries negatively influenced at the people and all living organisms but nature, mechanisms and explanation practically was unreached so far.

## II. INTRODUCTION

This is the one of the first relatively successful attempts to the objective detection of the very long time known but hard reached phenomena. These phenomena are the harmful influence of the underground flowing waters and geological clefts. Although these phenomena are known for a very long time, more thousand years, they are still not out studied. The reason for that is not its just appearing or that was not time for its studying, but the reason is , it seems, that the man is not grown up, or is not able to solve this problem. The problem

(phenomenon) is the influences of underground flowing waters – geopathogenic influences named geopathogenic zones (GPZ). The nature dissolves its own secrets very hard and unwillingly. It is necessary many and many years of the suffering works to get the certain (some) legality of the nature processes.

One of the oldest noticeable phenomenon, the negative influence of the underground flowing waters until now is still not out studied. The first written track appeared more then 4500 years ago. In China (2590. B.C.) king Kjang Ji to avoid harmful places had a special trained and capable persons for searching through terrain to build the residential objects. And many other old civilizations (Celts, Egyptian, Persians, Rome and many others) used special capable persons to detect quiet and harmless places for temple constructions as for water finding.

It was noticed, during the centuries, that above underground flowing waters and above geological clefts, have appeared the negative effects on man, animals as well as plants. Spending more time in such zones , leads to weakening of organism and appearing illnesses. Because such influencing zones come from the earth and provokes illnesses they are called Geopathogenic zones (GPZ). The nature of such influences (Geopathogenic zones), as is known, in spite of countless attempts , had not been discovered so far. Also there are not instruments at objective detection (measurement ) such a influences . Only some capable individuals (dowsers) can detect these GPZ and this subjectivity brings to no recognition from the official science. Therefore there was no systematic study of such phenomena in the new age, when the science developed with very fast tempo (speed). But the phenomenon exist, and every phenomenon, especially very influencing phenomenon is worthy of the scientific attention. The goal of science is to describe and explain the world in which we are living.

## III. ABOUT GEOPATHOGENIC ZONES

Geopathogenic zones (GPZ) are still insufficiently researched biological active form of a influence , which in form of radiation effects harmfully, not only on man but on the whole herbal and animal world. The difficulties appears on that parts of body, which are displayed to the geopathogenic influence. Geopathogenic zones are located primary , above underground flowing waters and above geological clefts. Underground water flows, let us term "radiates" its negative influence vertically upward and also somewhat weakly under determinate angels. This is very similar to radiation of antenna system, which in addition to the main leaf of radiation has also secondary lateral leaves. The secondary influence leaves are symmetrical according to the main leaf. For the time being the nature of this influences is still not exminated.

### A. Long duration (term) action

During centuries expressive binding between these zones and greater frequency of diseases on people who longer resides in such a zones was noticed. It was observed that in some houses people get ill and die more frequently than in others in the same district. Also it was marked that more generations died from the same bed from the some illness. Namely, the longer stay in such geopathogenic zone acts destructively to all tissues, brings to the pathological changes on organisms or organs and diseases appears. These organic modifications are slow and depends also upon the sensitivity of organism, which loses function and dies. It is clear that here other factors can make influence too, which lead to kind of disease but always on the parts of body which are under influence of such zones.

It is necessary to accentuate that the geopathogenic zone are bound (tied) with underground flowing waters, while the standing underground water like and surface standing and flowing waters has not such an influence. The influence is greater as the flow is deeper. Geopathogenic influence, it seems do not depends from the quantity of flow, but the width of flow is reflected on the width of the zone.

As an example of negative effect of geopathogenic zones on plants let us cite research on plants in Czechoslovakia. In the Introduction of the paper [2] stays: "The collection of problems involved with active earthiness attracts bigger and bigger attention. Negative effects of pathogenic earth-zone were found on man, animals as well as plants", and further in Conclusion: "The effects of underground waters are fairly strong and the response of plants is quite obvious. Generally spoken, the effected plants are shorter, dwarfish, deformed, they bring lower yields, get yellow color, dry up, the whole parts of stool die out . . . ". It was also observed that the effects are also dependent on the depth of "radiation" source. The deeper the source the bigger effects were found on the plants.

There is an interesting research example of appearing the illness on people which were long time staying (mainly sleeping) in the GPZ. In a part of the Conclusion the paper [3] about the investigation of endemic nephropathy stay: "The research results show that in all observed and described cases the disease attacked the persons who were exposed for a long time to the influence of underground water flow, i.e. the persons whose beds were located over the underground water flow. The results of this research may give an answer to the question on enigma why the endemic nephropathy is mosaically spread. Although the number of described cases in this preliminary research is relatively small, the fact is, that the all, without exemption, either ill or dead were directly exposed to the influence of geopathogenic zone (underground flowing waters). This research should to be continued with some other emerging factors".

Sojourning of long duration (many years) in geopathogenic zones weakens organisms and leads to illness. This is especially expressed in endemic regions (areas) where specific illnesses just for this region appears. Forward was mention case of endemic nephropathy, illness which leads to the chronic renal failure. Research on the appearing the arthritis, which performed Herbert Douglas in Vermont [4] in one district shows that the beds of the all sick persons were located exclusively in the geopathogenic zones underground

flowing waters. For the explored area he registered 60 cases of arthritis, 20 cases of cancer and 9 cases of cataract. Regardless of specific endemic illnesses, cancer appears always like companion with the primary endemic illness and always to the patients with beds in the geopathogenic zones. Dr Douglas noticed arthritis with drawal in 5 days to 3 months, after the beds over throwing on the safe places (without GPZ).

Further, in regions where epidemic disease dominated, it has been noticed that mortality is much greater in places with geopathogenic zones a specially to persons which were exposed to the geopathogenic influence.

### B. Instantaneous action (sudden)

In addition to slowly and long duration exercise of geopathogenic influence, it can also action instantaneous and unexpected. This is noticed with some car driver, while entering in the geopathogenic zone of greater width, making them to turn the car from pathway unconsciously. Cars without any reason change the direction of movement, usually on left, strikes in the obstruction, other car or go off the road. This occurs very rarely but always in the geopathogenic zone. It seems that the steering-wheel behaves like dowsing rod in the hands of dowers. It is a big question when and under which other conditions (simultaneous exercise influence of more other factors) geopathogenic zones comes to instantaneous action on driver. Paper [5] pointed at traffic accidents which occurs absolutely unexpectedly, on the part of straight road, out of cross-road and out of enclosing rod. For such a accidents in reports (newspapers) says "for unknown reasons". Investigations in this direction pointed at geopathogenic zones like the most possible causer such traffic troubles. The driver's reaction and the uncontrolled car turning aside is explained by the recent discovered hastily falling the frequency and great amplitude increasing of the brain waves by crossing in the geopathogenic zone. Such big frequency falling and suddenly amplitude increasing does not occur permanently but is also stipulated with some other influences always in the geopathogenic zones. In the paper are also given the result of the numerous traffic accidents on the road Ohrid – Struga in R.Macedonia, close to monastery St.Erazmo. The most accidents were on the road (with strong and wide geopathogenic zone) on which for less then 20 years were 1320 accidents "for unknown reasons" with 68 dead and about 900 injured.

### C. Nature

The nature of geopathogenic influences (GPZ) is completely unknown. The attempt of equaling the GPZ influence with electromagnetic field, like one of most complex known influence, was unsuccessful. Electromagnetic field sinks spreading through the space and also passing through the obstructions. The geopathogenic effects are prevented by nothing.. The GPZ keep its width and penetrates through all materials (iron, lead, concrete and others) without noticed drooping but with a reservation, at least on the space where we are living and where we are moving. The geopathogenic influence in a skyscraper is the same on the last like on the first floor, regardless the influence penetrates through more then twenty and more reinforced concrete plates. On the higher floors more negative influence is possible, because

main leaf of direct "radiation" can be amplified by the crossing with some of the lateral leaves of some of the neighbouring water flows.

#### IV. RADIESTHESY – DISPOSITION GPZ

Geopathogenic zones like the zones of the natural influence ("radiation") can be detected only by the particular persons sensitive on the these influences. Extra perception of these persons gives them opportunity to find out the sources of this "radiation", with the convenient sensor (Dowse). This phenomenon is called Radiesthesia and the method of detection of the "radiation" source is called the radiesthetic method (UDK 550.80 – biological and physical methods in geology). Radiesthesia is even from ancient times immemorably known like dowsing. Dowser, people who detected water with the dowsing rods have been searched and respected. Dowsing is the ancient art of finding water and minerals. Ancient peoples were highly sensitive to change in their environment. Until very recently every locality had at least one diviner (dowser) to locate the water lines and also, like mining tools, for ore deposit. In Russia the method for ore deposits with the help of dowsing rod was used in addition to contemporary methods for finding metallic ore and effective water finding. It was termed Biophysical method (BMF). This shows at geological searching terrain better result than any other well known method. About this method in Moscow it have been held two big conference in 1968 and 1971 years. But it becomes obvious that investigation the nature of biophysical methods is much more difficult problem than it was expected. For such a big bite it is necessary to find a big number of profile professionals and a large number of experts.

The nature of these geopathogenic influences on the dowsers is still absolutely unknown. What is that influences a dowser to move a dowsing rod? What is that that influences people in such zones that weakening the organism and bringing it to the illnesses? What is this that makes animals feel and avoid such zones? What is that what negatively acts on vegetation? There are numerous questions and it is a big challenge to study these phenomena. The dowsing rod is an instrument with the greatest challenge. But the dowsing rod is only a pointer and instrument is the man himself. The dowsing rod acts like efficient amplifier of the weakly movement of hands. One more, radiesthesia is out of sense ability of man to receive information from his surroundings, which are not accessible to normal sense and could not be detected with physical devices.

#### V. PENETRATION - HYPOTHESIS AND RESULTS

The attempts of exactness investigation, explanation, measuring and invent the protection in this field (GPZ) have been performing permanent, hundreds of years, but without a certain results. It seems as the nature, wait some established order to discover this in the series of many secrets (mysteries). This field, very hard reached is a great challenge. But here are also two brakes for the more intensive work and further progress. On one side something something that makes fast financial effects possible, couldn't be seen - so, it is not

worth working. On the other side the engagement with this, was often marked from the orthodox science like mystique and parascience. All this – for not being measured found objectively. But each phenomenon is worth of science attention and must be scientifically researched and not thrown away without examination.

Idea for this research is originated like collision of the two observations. On one side it was noticed that the little children up to 4 years old, who are naturally sensitive on the dangerous geopathogenic zones and escape them. If the GPZ crosses over the bed in which the child sleeps, then it sleeps restlessly (turbulent) and unconsciously displace from the GPZ away. On the other side, the brain waves frequency of little children is very low, up to 4 Hz and belongs to the group  $\delta$  - waves. As the children grow, the brain wave frequency increases (from 4 to 7 Hz -  $\theta$  waves, from 7 to 14 Hz -  $\alpha$  waves) and the children lose the ability of unconscious displacement from GPZ. Bringing these facts into connections the author asked a question: whether with the extra sensitive persons (dowsers), when they enters the geopathogenic zone, the brain wave frequency decrease? Simply, it would be examined and measured. Detailed examination of corresponding literature and contacts found out that such exploration was not performed. It was approached to organizing measuring and testing the hypothesis which author seated up: brain wave frequency decreases when the sensitive person (dowser) enters to the geopathogenic zone.

The first preliminary results of the attempt at a objective detection GPZ appeared through the "Promotion first results objective measuring of the GPZ so far", in organization University of Nis on March 1997. These first experimental proving of preliminary results confirmed the placed hypothesis about decreasing the brain waves frequency in GPZ on the ESP persons (dowsers).

Measuring brain waves with electroencephalograph (EEG) were conducted in Psychiatric hospital near Nis where the room with EEG measuring place, crosses the underground flowing water (GPZ). The taking downplace was adapted, so that the medium could to move in both zones (with and without GPZ). The boundary between zones was not for the medium visibly marked. Measuring brain waves with EEG was made on the very sensitive people in normal awaked condition with open eyes. Measuring conducted medical personal, what means somebody independent (objective measuring). The experimental results on more than 70 pages diagrams  $v(t)$  are presented very simple with the diagram of the instantaneous medium brain wave frequency change entering in and out going from GPZ as is shown in Fig. 1. On the diagram the hastily frequency change by crossing from the one into the other zone could be seen.

These results have been presented in paper [6] on the International Conference, with experimental proof of the existence of geopathogenic influences, which at present could be physically registered, on paper, with the help of EEG like the changing of the brain waves frequency.

Only on the one diagram of the brain waves, between plenty of them, it was noticed a very storm reaction of the brain. From the unknown reason, when the medium entered into GPZ the brain wave frequency abruptly decreased and amplitude increased, something like by epilepsy attack or the deep sleeping. The picture diagram of brain waves for this

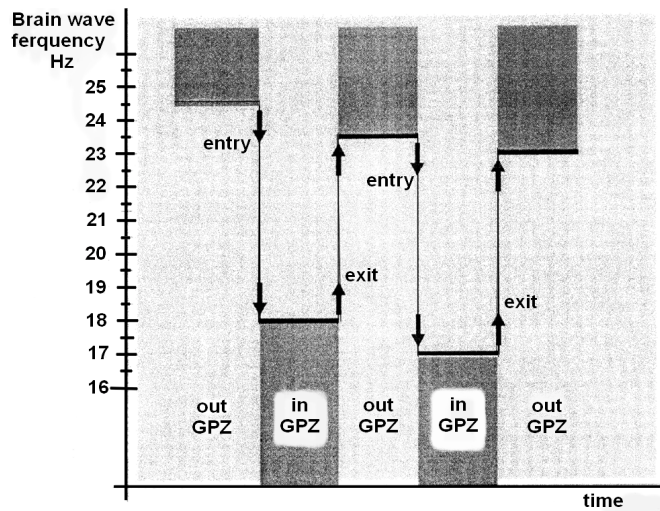


Fig. 1. Brain wave frequency change on ESP person by crossing in and out GPZ.

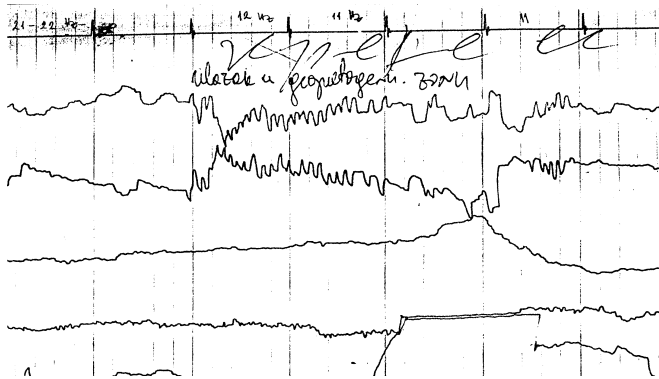


Fig. 2. Special case of abrupt change of the Brain wave frequency.

case is shown on Fig. 2. With this it is now possible to explain the traffic accidents, which occurs on the roads where the vehicle had turned "for unknown reasons". The driver is like in the conditions of deep sleep and the steering-wheel in his hands behaves like a dowsing rod in a dowser's hands. The vehicle, non controlled goes off the road and provokes the accident. This occurs very rarely but always in the GPZ. Driver could to pass such zones more thousands times

without a such reaction. Which are the other influences which act simultaneously with GPZ (condition in atmosphere, pressure, humidity of air, ionization, phases of the moon and other known and unknown factors) is the question? Here driver conditions should be examined also in such a cases like blood pressure, psychical state, sugar in blood, blood group and so on, and changes in relation on the normal state. For all of these, many specialists, heterogeneous experts, plenty of time and a lot of money. is necessary.

## VI. CONCLUSION

The existence of the GPZ is proved, by the objective detection the underground flowing water influence. This opened the way for its farther research and the free approach to inclusion the GPZ influences in the all significant sphere (health care, protection, traffic etc.). That was stopped so far because of the impossibility objective measuring and with this official not believing in its existence. But, what is the most important, with objective proof the existance of the GPZ influence has made the first small step in the field of unknown and unreached so far.

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