

GEO-PATHOGENIC SOURCES OF RADIATIONS (GPR)

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Abstract; *The magma in the depths of the Earth is capable to create the famous magnetic field.*

The entire living world is in harmony with this field and its changes; no matter how small they are, they influence normal biological development. According to the author, such changes can be divided into two groups which are as follows:

- a) global changes of the magnetic field of the Earth,*
- b) partial (local) changes in the magnetic field of the Earth.*

The first group includes: the geo-magnetic inversions, solar storms etc.

The second group includes: the geo-pathogenic radiations (GPR) in form of waves caused by:

- geological aquifers;*
- geological fissures;*
- underground flows;*
- concentration of ores, minerals and other causes capable of changing the constant geo-magnetic field and create waves.*

Research found that water resources at standby, that are in the ground or above it may represent a kind of insulator by GPR which is located under the water resources.

Introduction

According to this, any change in the geomagnetic field, caused by the factors mentioned above, is called geo-pathogenic or underground source of radiation (GPR). The term is a derivative from the Greek word geo-Earth and pathos-disease, meaning: disease that comes from the Earth.

Several locations on Earth have been researched and the results demonstrate that the GPR are rare on stable geological structures. One of such locations is the surroundings of Jerusalem, as shown on Figure (1).



Fig. I. The author, in 2005 g. measuring the GPS over Jerusalem

The GPR is most frequently present on locations which are seismically active, comprising certain sinking, displacements or elevations (fig. II and III), resulting is geological aquifers and fissures. Such areas are located only on certain locations on Earth.

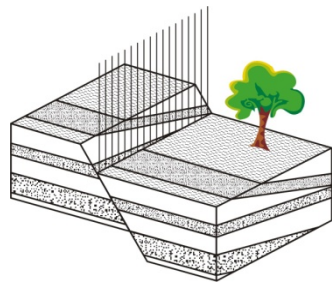


Fig. II. Sinking

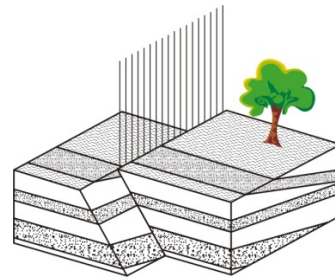


Fig. III. Displacement

Those phenomena create opposite energy poles inside the Earth; under the influence of the geomagnetic field those poles create certain intensified geo-pathogenic electromagnetic fields, which are in the form of waves, transferred into and over the Earth's crust. The Balkan Peninsula is a seismically active area on which the GPR represent a frequent phenomenon.

Most of the Earth is seismically stable, and GPR are rare on those parts. This is one of the reasons for the uneven distribution of the geological anomalies, and consequently of the GPR as well.

As a result of the flow of the underground waters, the motion of which creates friction between their own particles and the interior of the Earth thus creating electromagnetic fields. These fields are transmitted by waves known as geo-pathogenic radiations (GPR).

The geo-pathogenic waves appear as a spectrum, that is, one central vertical wave with seven lateral inclined parallel waves on each side (fig. IV).

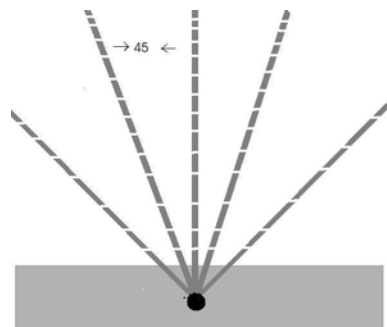


Fig. IV. Spectrum of GPR waves

If the source of the underground wave is on a level closer to the surface, and if the wave is wider, the spectrum of the waves is connected and only one GPR wave is identified upon ground measures. If the wave is deeper than ten meters and if it is narrow, the spectrum of inclined waves will be more accessible for individual wave identification.

These sources of radiation freely penetrate through the geological layers and through the constructions built on them.

Depending on the location of the central wave, the construction can be influenced either by inclined or by vertical GPR.

According to the research, the inclined GPR in the buildings are identified on various locations, as according to the degree of inclination of a certain wave.

If both narrow and inclined GPR exist in one building and if we detect the radiations by moving upwards, we shall identify several GPR on various heights. Compared with the lower floors, it can be noticed that the GPR on the higher floors are wider.

Analysing this, it can be concluded that the waves gradually wider as they are moving upwards, but they lose their intensity. The results of the analyses on the harmfulness of the GPR showed that although the waves are wider on the upper floors, this thus not mean that they are less dangerous. Penetrating through the building, the waves take with them the traces of microelements of technical radiations, some chemical and other harmful elements, by which they become ever more dangerous for the health of the organisms exposed to them.

People believe that underground waters exist on every location and that the city of Skopje is located over an underground lake, and that radiations are equally present no matter where the residential building is located. Some people wonder how it is possible that radiations exist on one location, but do not exist on the other one which is immediately near the exposed location?

The answer to these questions can be found in the material exposed above.

Some believe that the GPR attract the discharges of atmospheric electricity. In this case it is possible that GPR is caused by an underground water current. It is known that water makes earthing easier, and it is possible that in this case it is possible that the discharge of the atmospheric electricity takes place only on one plant. Also, if there is a plant with an active S-knot on that location, the earthing of the electricity through the roots of that plant is more intensive compared to a plant and an S-knot located on a drier geological structure or on other plants on which there are no S-knots. The discharge of the atmospheric electricity can depend on this. Analyses prove that the electricity discharges take place even on plants which are not located neither on a GPR nor on a water flow, but only on a S-knot. It can be concluded that the active cosmic S-knots play the most important role in the discharge of atmospheric electricity; the roots of the plants and the S-knots create good conductivity towards the earthing. It is also known that electricity is always discharged on the nearest earthing point.

Materials and methods

- Connection of the GPR with the stability of the urban constructions

When we say that the GPR are connected with the stability of the urban constructions, the first thought that comes to our mind is that it is impossible, due to the fact that the GPR are not material whereas the urban constructions are. But, if we analyze the causes of the GPR we realize immediately the danger we are referring to.

It is known that the GPR result from geological acquifers, fissures and underground water currents. All these factors can have serious influence on the stability of the constructions. Many constructions, built over a part of an underground water flow, which created certain geological erosion and those construction are now cracked or inclined, although they have been seismically safe have been analysed.

One of such constructions is observed at the Kapishtets area in Skopje (Fig. VIII). This building is seismically constructed and has five entrances. There is a crack all along the building, and the research results demonstrated that there is an underground current underneath that building, which created certain geological erosion.

In case of a stronger seismic activity (earthquake), such buildings are unstable and the health and the lifes of the inhabitants are under serious threat.

Research demonstrated that a large number of the buildings which collapsed in the Skopje earthquake of 1963, have been partly or wholly exposed to geological anomalies. In that case, the building loses its stability and is forced to crush. (fig. IX).



Fig. VIII. Building located over erosion

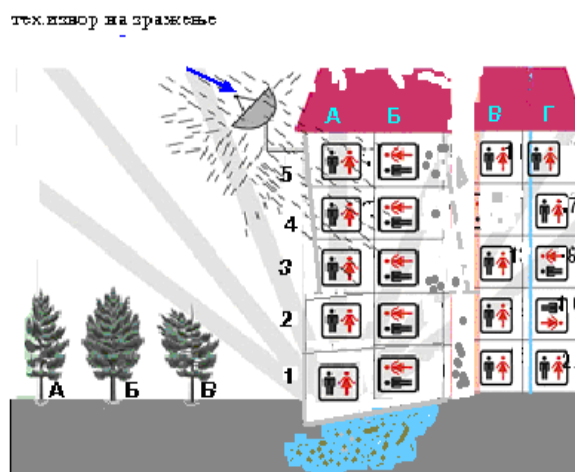


Fig. IX. Crushing building over erosion

- Protection

When we talk about protection against this type of danger, it is necessary to mention the necessity of a geobiological map on the settlement and to take additional civil engineering or other measures as pursuant to the data collected by such field research.

The best protection is when the bigger geological erosions, fissures and acquifers are known as early as in the town planning design. Thus the construction experts will know how to deal with such problems.

Results:

- Experiment

The author carried out radiesthetic, and then geo-physical research on several locations. The research was carried out on locations where there is an underground static water storage in one vertical geological profile and an underground water current or some other GPR source underneath. Also, on the deep geological structures, there are sources of GPR which are located underneath large external water reservoirs: lakes, seas and oceans. The results of the research demonstrated that "the waves caused by underground flows or other geological anomalies are not identified over the water (geological surface, where they are found under larger water resources). This led to the conclusion that the electromagnetic geopathogenic radiations can not penetrate through larger water surfaces which are in/above the geological structure (Fig. V and VI). According to the author, this discovery can be the cause of reflection, absorption, discharge or similar.

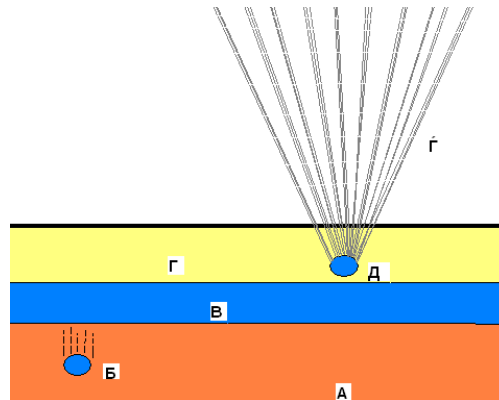


Fig. V. Section of underground waterways

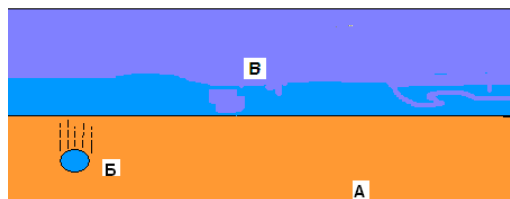


Fig. VI. Section of underground water flow under water accumulation

Description of fig. V and VI:

- On fig. V there is a cross-section of an underground water accumulation between two parallel flows:
 - A) A geological structure, under an underground water accumulation;
 - B) A cross-section of an underground flow and GPR underneath the underground water accumulation
 - C) Still underground water accumulation;
 - D) Geological structure over the underground water accumulation;
 - E) Underground water flow over an underground water accumulation;
 - F) GPR only from the underground water flow D.

This leads to the following conclusions:

The underground flow B, which, in the geological structures, is underneath the underground water accumulation, emits electromagnetic waves by its flow, but only until the water accumulation C, which is above it. The underground water accumulation C is still and does not emit GPR, being in the same time a sort of a blockage of GPR against the flow B.

In the geological structure D, over the underground water accumulation there is an underground flow, E, which releases GPR vertically.

This figure shows the creation of the GPR from the underground flows and the isolation capacity of the water accumulations that are still, although they are located underground.

The Figure VI shows the following points:

- A) a geological structure under a ground water accumulation;
- B) a cross-section of a water current located inside a geological structure under a surface water accumulation;

C) an overground water accumulation: a lake, a sea or an ocean etc.

It can be noticed from this picture that the surface water accumulations that are still, marked with a C), represent a type of an isolator against GPR, which is inside the geological structure under the water accumulations.

- Influence of wells and manifolds on the surroundings

The wells and the deeper manifolds represent a type of a geological anomaly whereby certain GPR is created. This influence is present as a result of the geological anomaly (wells, manifolds) creating certain vital fields, as it is demonstrated on Fig. VII.

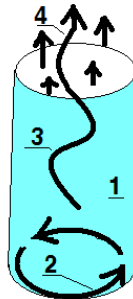


Fig. VII. Creation of a vital GPR of a well

1. Well; 2. Creation of a circular GPR from the bottom of the well upwards; 3. Vital GPR, 4. GPR coming out vertically upwards.

Conclusions:

- Detection

The detection of the geopathogenic fields is one of the first detections of Earth in which people used instruments.

Especially in search of underground waters, and then for location of the construction of their houses, people were always thinking about finding some sophisticated methods and techniques for their precise identification.

The first devices used were simple, and they were perfected and successfully used later. This type of devices are radiesthetic or traditional instruments, which are the predecessors of the present-day modern instruments.

Nowadays, modern geo-physical instruments with satellite support are used besides the traditional ones.

This modern method of detection enables for fast and precise location of underground waters for people's needs, but also for the detection of other geological anomalies creating dangerous electromagnetic fields.

- Intensity of GPR

If the GPR comes from an underground floor, its intensity will depend on:

- The width of the underground flow;
- the height of the water gauge;
- The velocity of the current;
- The depth;
- The geological structure.
- If the current is faster, if its capacity is bigger and if it is shallower than 100 m, its intensity of the GPR is more prominent.

The intensity of the GPR resulting from other geological anomalies is determined as according to the following:

- the width of the anomaly;
- the depth of the geological anomaly;
- the intensity of the resistance created on the radiesthetic instruments, which leads to the assessment of whether the intensity of the GPR is stronger or weaker;
- according to the value of the electromagnetic field, measured by sensitive and accurate geophysical instruments.

The danger of the GPR is more prominent with the geological fissures and aquifers that reach deeper into the Earth's interior.

- The danger of the GPR

The research project on the harmfulness of the GPR included 15,000 individuals exposed to radiations. The results of the processed statistical data indicate that the individuals who had been

exposed to GPR during more than ten years most frequently contract the following diseases: rheumatism, cardio-vascular, psycho-depressive, cystic and inflammational diseases, sterility, loss of immunity etc. But the most frequent symptoms of exposure to such radiations are the chronic fatigue, anxiety and pain all over the body, especially headaches.

The type and the time lap necessary to contract a certain disease depends on the type and the intensity of the radiations, the duration of the exposure thereto, the lifestyle of the people, their genetic predispositions, the geological structure through which the waves penetrate and on other factors.

- Influence of the GPR on the health condition of the animals

The animals included in this research project were 8,000 cows and calves. The results demonstrated that the calves exposed to GPR most frequently experience decrease of immunity, bronchopneumonia followed by death etc., which the cows exposed to GPR exhibited decrease of immunity, decubitus etc.

- Influence of the GPR on plants

The author elaborated several scientific project regarding the influence of the GPR on the plants. The results of those research projects demonstrate that the plants exposed to GPR suffer consequences that are similar to those suffered by the animals.

- Protection against GPR

The protection against the GPR is of dual type:

- detection and selection of the location where the buildings will be constructed;
- protection by technical methods and instruments.

Although the selection of the location upon the construction of buildings is the most adequate protection method, it is impossible to apply it in all situations. This impossibility results from the fact that each free square meter in the urban areas is used for construction. The protection measures that can be applied in this case are as follows:

- a) protection by certain spirals and foils in the course of the construction;
- b) protection of each individual room by neutralizers.

The most efficient of all known protection devices are the neutralizers-transformers BIO-SPH, by which the area is both protected and improved.

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