

**"All life-cycles are either directly or indirectly  
connected with water.  
This water plays an important role in our day-to-day  
environmental problems."**

An interview with: Dr. rer. nat. Wolfgang Ludwig, PhD (Physics)

"Water" as a topic is far too extensive to be analyzed in a short interview. Setting aside the general chemical problems (concentration of nitrates, acid rain etc.), we have therefore picked one of the most important aspects of drinking water which has not been paid much attention to date.

Whereas, legal regulations stipulate the limits for the maximum permissible chemical load, and ensure that these are monitored, the physical side, which is more important, is still being ignored. Yet new on-going discoveries and the latest scientific research have found out much more than one can imagine about this mysterious liquid we call water.

We interviewed Dr. W. Ludwig on the topic of life cycles and water. The well-known physicist who published the book "Water - Polarity Phenomena: The Transfer of Information - A Remedy to Life" is also a consultant at the "Tempel University" in Philadelphia as well as at the "World Research Foundation", Los Angeles.

*"Dr. Ludwig, you defined the thesis that water has a memory like an elephant. What is really meant by this comparison?"*

Dr. Ludwig:

I meant the following: Water has the ability to store information at certain frequencies and to transfer such information to other systems, like living organisms. But before going into detail we have to remember some basic abilities of water. We know that 3/4 of our organism consists of water. We can survive several weeks without nutrition, but only a few days without water. Drinking polluted or contaminated water weakens our body over the years, creating a basis for sickness and poor health. Due to this danger, drinking water is treated with several chemical processes in order to eliminate as many pollutants as possible. But although the efficiency of this treatment is still under discussion, the latest developments show that, for example, the maximum limits for nitrates are harmless for adults yet can be very harmful for babies.

There is not even a general consensus on the chemical requirements which drinking water should fulfill.

For several years, research and investigations have been undertaken to clarify the reciprocal action of water and living organisms on a physical basis, specifically on the level of electromagnetic oscillations. Up until now we have not had safe, detailed information on these matters but if we manage to reproduce and confirm these results on a large scale this would have revolutionary consequences for public health.

*You consider water as a carrier of certain information - what do you mean exactly? What results have been achieved by modern physics?*

Dr. Ludwig:

What only a few people know so far is the following: when water is polluted with toxic agents (cadmium, nitrates, lead, etc.) - as is usually the case nowadays in our springs - it is cleaned chemically in water treatment plants in order to eliminate the chemicals and bacteria. But even after these procedures have been conducted, certain electro-magnetic oscillations can be measured - after careful analysis of these oscillations (frequencies)

they can be identified as having exactly the same oscillations of those toxic agents which had been chemically removed before.

This means that even after this treatment, the water molecules contain certain signals which, according to the frequency, can be empowering or harmful to our health. *This statement could have tremendous consequences: it simply means that our drinking water has health-damaging factors to a certain extent despite the chemical treatment and even though legal limits have not been exceeded.*

*Does that actually mean that water polluted with heavy metals, although chemically cleaned, can transfer the harmful frequencies onto the human organism?*

Dr. Ludwig:

This is exactly what it means. As we all know, specific electromagnetic frequencies from water polluted with heavy metals have also been detected in cancer cells. Let me mention the frequency 1.8 Hz, which is a very low frequency. This is the frequency of drinking water in a German city. I should point out that the water was distilled twice before we measured it. We came to the following conclusions: Even if water has been cleaned, or distilled, certain electromagnetic frequencies (i.e. from harmful substances) can still be found in the water molecules.

While our drinking water is chemically clean, on the physical side it is still polluted. It is not the chemical substance that influences the organism when we drink the water but the harmful frequencies.

*Which frequencies are these? - and have these been proven?*

Dr. Ludwig:

The harmful frequencies known so far are: 1.8 Hz and 5 Hz, while 1.2 Hz, 2.5 Hz and 10 Hz are useful frequencies, just like the naturally existing frequency of 7.8 Hz that is termed the 'Schuhmann-Waves' and which is known for its major influence on the human brain. 5 Hz is also known as the aversion frequency because it makes many people feel nauseous.

Certainly, so far we know of very few frequencies that have actually been proved to be harmful. Another well-known example is the normal quartz watch frequency which is 32.5 kilohertz, and is harmful. But there are also quartz watches with a frequency of 1 megahertz that are far more expensive, but have no negative effects on the body while the normal quartz watches can cause health problems according to various doctors.

*If it is known that water molecules can carry and transfer frequencies, is there a way to alter this?*

Dr. Ludwig:

There are several ways to cope with this. Many developments are based on the water-whirling principle. We are all familiar with this principle from springs and rivers: Water is permanently whirled at curves and bends which means that it is not only chemically cleaned but also physically.

According to the modern "Chaos Theory" life starts on the borderline between chaos and order where certain turbulence exists, which simply means that swirling water is important for the development of living water.

One could remove harmful frequencies by using x-rays but that could cause toxic reactions. Another possibility is to magnetise water or to treat it with laser. But the easiest method discovered so far has been the whirl-water method. Various tests have shown that the harmful frequencies can be neutralised by a multi-whirling process. But if the water is not chemically cleaned, the harmful frequencies will re-appear.

*If this theory is true, then so-called "healing waters" should have extremely positive electromagnetic frequencies?*

Dr. Ludwig:

It is interesting to note that several tests of water from Lourdes and from the holy river Ganges and tests of many other holy waters have confirmed this theory. The Ganges water, although dirty, possesses an ideal spectrum, which means that it only has positive frequencies which are not harmful to us. The same is true for many other healing springs.

One quality-control method is the absorption of ultraviolet light by the water. The better the water quality the less the ultraviolet light is absorbed. The opposite is also true: The higher the absorption the worse the quality of the water. Here it is interesting to note that polluted water which has been chemically cleaned and filtered would still show a high absorption of UV light.

*Is it technically possible to measure all electro magnetic frequencies in the water?*

Dr. Ludwig:

There are several spectrometers that make this possible.

Let me draw your attention to another link with the phenomenon of life. Water is subject to a very complex process, but at the same time all life on earth is dependent on water. Water differs from other fluids in that it has a so-called "two-phase system".

Besides a non-organised part of the water molecule there is a highly organized phase, which is the crystallized fluid part, as its degree of organisation is equal to crystal. While the energetic links in the non-organised part (the normal fluid part) are very low, the energetic links in the crystallized fluid part are very high. This enables the linkage of several hundred water molecules.

These inter-molecular connections are called hydrogen bridges. Several such linkages result in a greater number of possible structures in the crystallized fluid phase of the water. This is a highly complex grid system.

The oscillatory capability of this grid system can be compared to a harp and in addition contains a large number of its own frequencies.

This frequency spectrum can be called the physical picture of the geometrical structure of the water and it changes characteristically in accordance with the process of life.

This method gives us a spectroscopic picture of the life process in water. In other words this means that in the future, water quality will not only be determined chemically but also spectroscopically.

Life processes are always connected to the physio-chemical reactions in the water and can therefore be measured. The water structure indicates the changing levels of water quality e.g. from drinkable to polluted. The difference in the photon spectrum between polluted water and living water is that the latter shows a very active exchange of photons with the environment, e.g. with organic cells which are in the water.

However, when water is mixed with toxic agents, such as lead, cadmium, or similar agents, the resonance characteristics change drastically resulting in a totally new spectrum. Each toxic agent possesses its own frequency which is transferred to the water when they come into contact with each other.

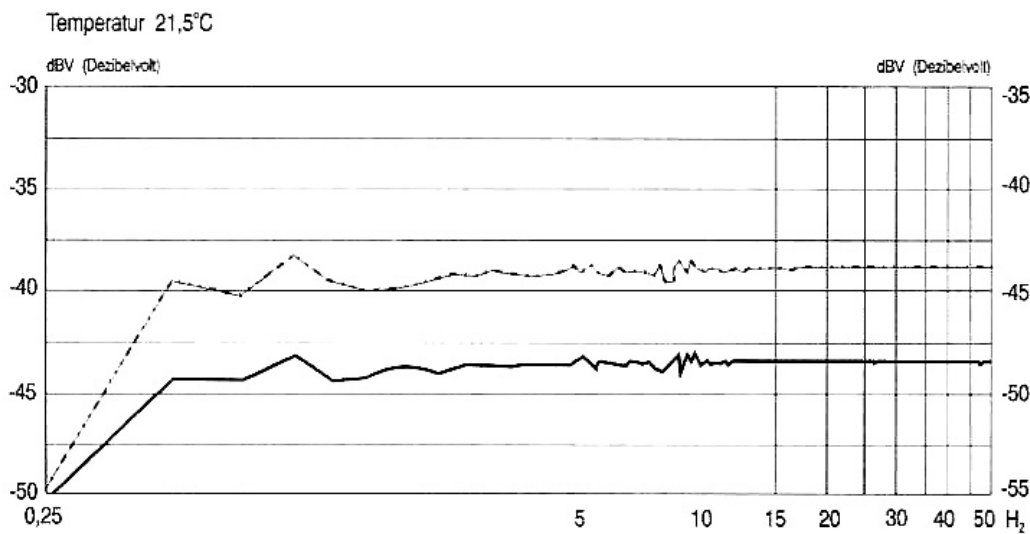
More accurate experiments on why this happens need to be done but the resonance theory seems to be very useful. Homeopathy has been using this principle for over 200 years without knowing the exact physical background.

Water, either mixed with salt or alcohol and shaken, allows the electromagnetic oscillations of the basic tincture to be transferred to the water. This is the reason why homeopathic substances are still effective even though they have been so highly diluted that not a single molecule of the basic substance could even be detected in the fluid.

I could prove the electromagnetic frequency in one of my experiments. The electromagnetic oscillations of a liquid in a closed ampoule which was floating in water were transferred to the water through the closed ampoule.

It is interesting to note that, using this principle, we can heal the organism by using exactly the opposite physical frequency, i.e. the sickening information in the organism is physically extinguished by using the exact counter-information which is found in homeopathic medicines. It is important to mention that this medicine does not cause any chemical change.

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*Isn't this principle also used in Bioresonance therapy?*

Dr. Ludwig:

That is correct. We are still awaiting a similar principle that could extinguish pollutant frequencies in our drinking water. It is a fact that bioresonance therapy enables us to clean the human body of toxic agents which have been identified there. Adopting this principle, the counter frequency can be introduced into the body cells and used to expel the toxic agents. Despite the opinion of traditional doctors, we can even expel cadmium from the body (with the help of this principle).

*Your theories imply that electromagnetic treatment of water not only diminishes the negative or harmful frequencies, but can also induce positive frequencies. Is this assumption right?*

Dr. Ludwig:

Such experiments are already available. Indeed, I have personally conducted a couple. One experiment developed by Professor Smith in England was to treat a test subject with a frequency of 40 Hz for 15 minutes. When the water in his body cells was measured afterwards, it also showed a frequency of 40 Hz, and its multiple frequencies of 80 and 160 Hz were clearly detectable in the organism. On a similar basis, the

frequency of 50 Hz and its multiple frequencies of 100, 200, 400 Hz, etc. can be measured in the body cells of almost any person, as this is the frequency of our electrical network.

But, in order to answer your question, by using wireless magnetic fields, it is possible to transfer the frequencies of minerals, of colour and sound, and other useful frequencies in nature to the water in our body cells as well as normal water. Living water contains a high degree of reciprocally active quantas, which means that it absorbs biophotons and reflects them in a permanent process of exchange, just like the water from Lourdes or the Ganges.

Once water is polluted, it is dead. Even the best water-recycling plant cannot make it living again. It is useless from the energetic aspect. Biologically high-quality water has to contain certain frequencies if it should be useful to the body. But modern science is far from taking this phenomenon into consideration. Not to mention that our materialistic point of view only shows us a fraction of reality. The phenomenon of the reciprocal actions between material and biological systems has been well known for thousands of years. Although many scientists have not shown much interest so far, we know from radiostasy that there are places of high energy where certain plants grow which are not to be found anywhere else because of lower gamma rays than normal, but this is only one parameter out of a whole spectrum of factors which we do not know yet. It is a mistake to claim that we can explain all natural phenomena.

Our knowledge about the properties and influence of water on processes in living organisms is one area where we don't know very much at all. One thing is definite and that is that water should be examined with a detailed spectral analysis and one should change one's drinking water supply if it is biologically dead or polluted, not according to limit values laid down by governments, but in accordance with a spectrometer that covers all frequencies from 0 to megahertz. It would benefit environmental medicine to include the physical characteristics of water in its research and to set up special programmes to do so. The permanent discussion on limit values of water pollution would gain a very important new dimension namely the definition of living or harmful water. It is our responsibility not to look for new limit values but to look for ways and means of making our living better. This is not the case in materialistic theories.



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