

# Living with structured water

**Water** is our world, starting with our time in *womb water* or amniotic fluid generated from maternal plasma. Life then progresses in a water environment for our entire existence.

If there is mystery in life, then it is embedded in water. The simplicity of 2 hydrogen and 1 oxygen molecules belies its complexity as a universal force and source of energy for all life. Wherever water flows it nourishes and flourishes everlasting life.

Australian indigenous cultures epitomise our relationship with water, as an invisible connection spirit, culture, songlines, and dreaming with water. The rivers often formed tribal boundaries, and the fish in these water systems had different totemic value for different tribal peoples. *Cultural water* is associated with ceremony, protecting cultural heritage sites that require wetting, initiation sites in wetlands or near rivers, men's business and women's business and birthing sites.

Deep in our consciousness is a resonance that natural, flowing or living water is something we feel, and gives us a feeling of vitality and makes us feel energised. There is something special about sitting in stillness beside flowing water in a stream or waterfall that sharpens our sensitivity to our place in nature. We can also feel this connection with the first rain after a drought.

However, we increasingly live in an era where water is reduced to a commodity for trading, distribution, and pollution. This situation is worsening due to our disconnection with natural water and the lack of understanding about the intrinsic mystery of water energy and structure.



I grew up near the banks of the pristine Mongarlowe River, near Braidwood NSW and spend a lot of time rafting, swimming, fishing, and drinking this water. I also spent many times in *stillness* by the Currawang Creek waterfall on the base of Mt. Budawang, watching native fish (Timbarra), marveling at the array of native orchids in rainforest trees and listening to water flowing. This water connection is similar to what Indigenous people call *Dadirri* or an inner, deep listening, quiet and still awareness. *Dadirri recognises the deep spring that is inside us and connects to our consciousness.* This is the presence of contemplation and awareness that we are thirsting for in nature.

I returned to live by the Mongarlowe River in 1999 and continued my research into the structure of water. This research started in the 1990's after reading the Callum Coates works of Viktor Schauberger (1885-1958, who had many moments of stillness in nature and nature was his teacher. In this manner he encapsulated a deep understanding that universal or subtle energies create the form (geometry) in which water flows, and this form (vortex) in water is a mirror of energy flow in nature.

Schauberger described concepts of water as a carrier of vital energy information, self-organising and transmitting force, including the self-cleaning capacity of flowing rivers. It is this energy that plant, and soil microbes depended on for growth and fertility. However, destructured, (non-flowing or still water) has a disorganised crystalline structure and cannot self-organise to neutralise toxic energies in water.

My pursuit of this understanding of water energy and structure has been intense since 2003, and during this period I have researched the works of Pollack, Mae Wan Ho, Chaplin and Korotkov in particular and many other scientists and authors who have written about the self-organising, crystalline structure of water. In 2010 I met a group of water scientists in Vienna, and they left me with a parting message: the *holy-grail* of water was to produce a permanent negative (-mV) charge in still water.

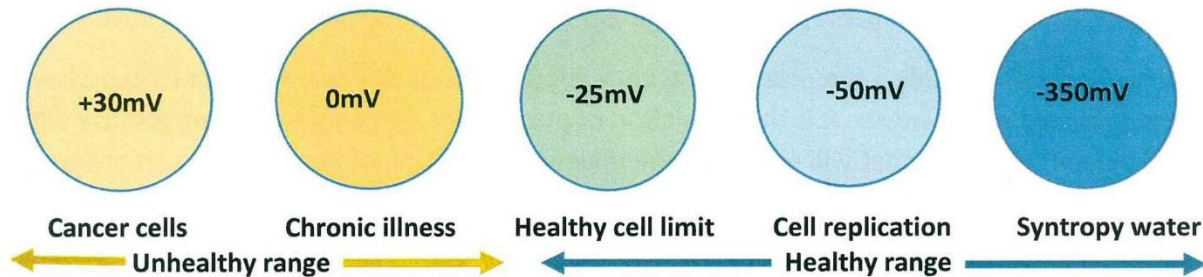
This was because a negative charge is the natural state of flowing water, and when this water is still or held in tanks or in straight pipes, the water charge changes to positive (+mV). Consequently, in 2012 I developed a simple, yet unique design for water restructuring devices to entrain a permanent negative charge into water and thereby restore the natural, living energy to water. This negative charge can range from -250mV to -1.5V (1500mV) by using a MEA Water Device ([www.meawater.com](http://www.meawater.com)).



Structured water is best described as water with a hexagonal, crystalline structure. This structure was first photographed in the late 1800's in snowflakes by Bentley, and later by Emoto in liquid water at 4<sup>0</sup>C or the point of waters transition to a solid (ice). These crystal structures were more recently photographed and described by Veda Austin in her book *The Secret Intelligence of Water*, and also by photographer Laurent Costa.

The urban water that most people are drinking is literally lifeless or dead, because it carries a positive charge. Consequently, the body has to expend energy to convert all positive charged fluids and foods that are swallowed to a negative charge.

Every cell in our body performs at an optimal level for cell regulation, healing, and replication at -50mV. When the cell charge drops to 0mV or positive charge (eg. +30mV) the cell can become diseased.



Pollack describes in his books on structured water that the water protoplasm within a cell is in a gel form as  $H_3O_2$ . In the 1950's Ling described the differences in the physical and chemical properties of intracellular and extracellular water. The cell membrane boundary between these water forms organise the control of proteins, water, and mineral ions into cells. However, the integrity of cell function is highly dependent on the intake of structured, crystalline water that converts from  $H_2O$  to  $H_3O_2$  in a cell. This is why our ancestors settled by the banks of flowing water and drank structured or **syntropy** water.

Similarly, the ingestion of structured water influences spinal fluid with communication between the pineal and pituitary glands as part of the electrical transmission between these glands and the hormone, immune and nervous systems, and all organ cells. Structured water also increases the consistency of the lymph fluid flow, in a same way that your heart emanates an extremely powerful toroidal energetic field that enables the blood to vortex over 160,000km of blood vessels per circulation. The heart's electromagnetic frequency arcs out from the heart and back in the form of a torus field, which is the oldest structure in existence. Its shape is similar to a donut, with the whole center of it folding upon itself. The torus is said to define the workings of consciousness, such as consciousness having geometry. The energy of this torus is constantly refreshing and influencing itself. This is why a living cell requires energy not only for all its functions, but also for the maintenance of its structure. This includes structured water, nutrients, minerals, oxygen, and sunlight.

However, structured water is the primary syntropy (regenerative and anti-aging) force for a cell. It is the fluid, crystal intelligence of life, with its own unique capacity to receive, store and transmit information. Perhaps this is why our body, at a molecular level is 99.9% water (in both liquid and gel form) and more than 70% of body weight.

The understanding that we now have about the importance of structured water and cell function started with early work by scientists like Kravkov (1920's), who described how the biological action of chemicals was due to the resonance generated by the interaction of the

electromagnetic fields of water with cells. In effect, this says we are a living electrical current, and this is why homeopathy works (ie. matter converted to electrical energy).

Eventually, advances in quantum physics led Preparta and De Giudice to show that the interaction between the electromagnetic field of a physical vacuum and matter in the liquid state leads to the appearance of the spaces in which water molecules begin to oscillate in unison (phased) and enter a coherent state. This is why water acts as the main organising force of nature, or as Swent-Gyorgyi once said: *water is life's matter and matrix, mother and medium.*

Human health and wellbeing is now constantly under threat from pollution (toxic chemicals), radiation, EMF, drugs (pharmaceutical and recreational), low nutrient and fast food, toxic water quality, loss of contact with nature, trauma, and emotional stresses. These toxic conditions act as a decaying force (**entropy** or dysfunction) on cells and reduce cell negative charge. This decaying force can only be countered by our syntropy force, comprising structured water, nutrient dense food, sunlight, the frequencies of nature, love, joy, and hope emotions. For example, toxins can be transformed by structured water in flowing streams and cells, into a neutral, non-toxic or elemental form (ie. Fluoridation as  $\text{Na}_2\text{SiF}_6$ , and a toxin is converted back to the elements Na, Si and F).

Cells can entrain either entropy or syntropy depending on your diet or lifestyle. It is the gel water in cells that entrains the characteristics of these forces. The consequences for cell health depends on which force you mostly *feed*.

**Entrainment** is a principle of physics. It is defined as the synchronisation of two or more energised (electric) rhythmic cycles. The principles of entrainment appear in chemistry, neurology, biology, pharmacology, medicine, astronomy, and water. In the case of water, a negative charge (the natural state of flowing water) can move in space to entrain a water that is positively charged (or slightly negatively charged). In many respects, water is the master of entraining consciousness, intention, music, and the environment. That is, structured water can receive, store (memory) and transmit information. Entrainment, in one form, is a natural action of nature's rebalancing (ie. a law in nature of homeostasis or equilibrium); and in another form water can be degraded or made unordered by an unhealthy environment of destructive thinking, skepticism, pessimism, foul language, metallic music, and the very high frequency radiation (billions of cycles per second) from microwaves and other forms of radiation.

All living cells and non-living things can entrain energy from the environment. For example, Dutch scientist Christian Huygens found in 1656 while working on the design of the pendulum clock, that if he placed two unsynchronized clocks side by side on a wall, they would slowly synchronize to each other. In fact, the synchronization was so precise not even mechanical intervention could calibrate them more accurately. Therefore, the environment that we create or choose to live in can affect the structure of water in our cells. This determines whether we have a life-affirming experience of whether we progressively move to tired, sick and then **dis-ease**.

All living organisms produce electromagnetic fields, they encode information, and all merged electromagnetic fields exchange information. The Earth itself is a living organism that produces electromagnetic fields filled with information, and we entrain the information encoded in these fields just by living on the Earth (particularly in natural environments). For example, the Earth's natural frequency average is a very low cycle of 7.83 cycles per second (called the Schumann Resonance) and it is this low frequency that helps to retune and balance the cells of all living species. Therefore, daily time in a natural environment is life-affirming or syntropy to our wellbeing and consciousness. It is these low, natural frequencies of nature that imprint our DNA and genes with energy wave patterns that support cellular regulation and healing. 2

Many periodic rhythms in our bodies are a function of our entrainment to the oscillations of the electromagnetic field of the Earth. Circadian rhythms are the reaction of living organisms to periodic electromagnetic fluctuations in the environment. However, when all environmental inputs are severed (by putting people in a closed living or work-space), the rhythms continue in our bodies, but in a very different and interrupted manner. While cyclic rhythms are generated internally in all living organisms (eg. linked to moon or tide cycles), the periodicity or timing is shifted and synchronised to the electromagnetic fields produced by the closed space (eg. the unnatural environment of living in the *concrete jungle* of cities). A range of adverse health conditions are then induced by these oscillating external electromagnetic fields that entrain or phase-lock the natural vibration of cells so that the body that we know moves into disease.

Structured (gel) water within cells has the molecular configuration to stimulate biological activity, and this is the **essence of life**. It is this molecular arrangement that gives cells the order to encode, store, integrate and transmit information. The nature of this information can change the world we live in and determines whether our bodily functions are stable and preserved or positioned for degradation and disease. We all have choices to select our environment.

Similarly, since all healthy cells in an organism are based on **structured water**, then the electromagnetic expression (wave energy or charge) of this water is the foundation to cell **entrainment and transmutation** processes.

**Transmutation** is the process of elemental or biological change of an element into another form or condition. For example, in biology, it is the transformation of one species into another species. However, in physics it is any process in which a nuclide is transformed into a different nuclide, usually a different element. Elements can transmute (permanently change the nucleus) with microvolts and millivolts (and microwatts and milliwatts) in living systems through electromagnetic processes. Rutherford, the British physicist who discovered the nucleus of the atom, had shown in 1919 that you can bombard elements with alpha particles and transmute them to another element form. For example, Louis Kervran described the existence of transmutations: ie. Na transmuting to Mg, K to Ca, and Mn to Fe. Therefore, reactions occurring in living systems are not strictly chemical in nature, and consequently energetic (electrical) reactions can explain life processes. Obviously, for life to transmute

elements, the living systems must be able to directly affect and influence the atomic nucleus of the cell. In some experiments, plants increased their phosphorus by 29% and their sulphur by 36% through biological transmutation.

It then follows, that metamorphosis is a form of transmutation whereby the form (and often habits) of an animal during normal development after the embryonic stage, changes to another form. Metamorphosis includes, in insects, the transformation of a maggot into an adult fly and a caterpillar into a butterfly and in amphibians, the changing of a tadpole into a frog. Clearly, every organism has electrical structures so that each organ and system contain intelligence (independent from the other organs and systems) that can be a source of guidance for life forming processes, and for the collective potential of the organism.

The nucleus of a cell (and the intelligence that it holds, eg. DNA) must respond to change to evolve and adapt, otherwise it could not stay alive and function in the first place, particularly in a changing environment. In humans, this change would be continuous cell regeneration. On the other hand, cells hold intelligence for degeneration when its environmental conditions are adversely affected, in which case healthy tissues or cells are changed to a diseased or abnormal state.

In these biological and elemental transactions, there must be an electro-magnetic carrier and, the only obvious carrier is structured water. When the state of structured water in a cell changes polarity it can become positively charged, and then a cell changes from a healthy (natural state) to a diseased state.

However, there is a question about whether entrainment and transmutation in living systems are continuously intertwined and transact concurrently, and whether these transactions are interdependent or dependent as natural processes for sustaining life. The idea pursued in this paper is that life processes are driven by the power of electrons within and outside of cells. Nested within the cells is the structured water capacity to **entrain energies**, and this capacity drives life's adaptive processes like **transmutations** in a pathway to regulation and healing.

## Conclusion

Most people on Erath have a choice of water quality, however most people have not heard of the choice between de-structured and structured water. Most people will drink structured water when they know the difference it makes to the health of plants, animals, and humans, yet there are choices in a market of many water re-structuring devices, making similar claims.

While the most sophisticated water purification system can remove some of toxic minerals (matter), it cannot remove the toxic energy (eg. the fluoridation compound) from the water or bring living water back to a living, structured state. However, MEA **Structured Water Devices** are unique in that they produce **syntropy water** with a permanent negative (-) charge that can restore cell integrity and function.

*Water does not resist. Water flows. When you plunge your hand into it, all you feel is a caress. Water is not a solid wall; it will not stop you. But water always goes where it wants to go, and nothing in the end can stand against it. Water is patient. Dripping water wears away a stone. Remember that my child. Remember you are mainly water. If you can't go through an obstacle, go around it. Water does. Margaret Atwood - The Penelopiad*

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(Note: The book by Voeikov/Korotkov provides excellent structured water references to works by Chaplin, Del Giudice, Emoto, Kravkov, Ling, Pollack, Popp, Preparta, Swent-Gyoryi and many others).