



ENERGY PHENOMENA OF THE BOSNIAN PYRAMIDS - NATURE OR CULTURE? -

- DEBBIE WEST AND KEES DECKERS -

This is the second article about the Bosnian Pyramids. In the first we looked at some of the evidence of the ongoing exploration, excavations and scientific investigations at the site of The Archaeology Park: Bosnian Pyramid of the Sun Foundation. We looked at the carbon dating evidence, the evidence of human-made concrete construction material and the evidence, that seems to suggest that the ancient humans, who built these pyramids, knew the secrets of frequency and energy.

This article looks at some of the information presented during the Hidden History Tour & Conference 2014¹, which took place from August 31 to September 7, 2014 in Bosnia. And specifically at some of the energy phenomena which have been discovered and are being investigated.

This year, 2015, is the 10th year of the explorations and investigations taking place at a pyramid and underground labyrinth complex, discovered in 2005 by Dr. Sam Semir Osmanagich² in Visoko, Bosnia-Herzegovina.

Or as the discoverer states it himself:

The Bosnian Pyramid of the Sun is the Mother pyramid of them all, the oldest and the largest. In order to understand how she works, we have to view this discovery through four realms: scientific, energy, spiritual and healing. The oldest pyramids in China, Egypt and Bosnia are at the same time the biggest and most superior. So, there is no doubt that knowledge has been brought. The question is: by who and why?

*Dr. Sam Semir Osmanagich, Ph.D.,
Director of the Center for Archaeology
at the American University in Bosnia*

Today almost a decade of research has taken place at the site. And much fascinating finds have been done by both professionals and volunteers. Findings which are presented each year at the Hidden History Tour & Conference held at Visoko.

WE HAVE TO VIEW THIS DISCOVERY THROUGH FOUR REALMS: SCIENTIFIC, ENERGY, SPIRITUAL AND HEALING

On September 6, 2014 the Bosnian Pyramid Press Conference took place. Panelists at the Press conference included: Valery Uvarov (Russia), Timothy Moon (New Zealand), Klaus Dona (Austria), Paul LaViolette (U.S.A.), Sam Osmanagich (Bosnia), Michael Tellinger (South Africa), Goran Marjanovic (Serbia) and Stéphane Cavé (France).³ These eight panelists gave a summary of their findings and ideas, about which they had given a presentation during the 8 days Hidden History Tour & Conference.

Stéphane Cavé stated for instance:

This is a complex system of sacred codes provided



From left to right: Dr. Sam Osmanagich, Klaus Dona, Michael Tellinger and Valery Uvarov



Goran Marjanovic speaking at the 2014 Press Conference



Stéphane Cavé at the 2014 Press Conference

to us through a higher intelligence and encoded at a higher frequency of light. Our goal is to access this higher state of consciousness, so we can utilize this advanced energy grid system, that is both organic and mathematical in nature. We are now at the threshold of advancing society into a level of planetary consciousness, that involves a dimensional shift.

And Goran Marjanovic stated:

I am an engineer of telecommunications and I am dealing with Tesla technologies. I am convinced we are dealing with Tesla technologies. We are certain that the technology of ancient civilizations was far more advanced than what we are using today. And investigating these technologies can assist us on many levels.

Both economic, scientific and spiritual advancements are available through the open investigations, we are conducting at this site.

So much is being investigated and so much information is gathered by so many different disciplines of science, that it is impossible as yet to give even a consistent and clear overall view of for instance the story behind all the discovered energy phenomena above as well as under the ground. We will therefore confine ourselves to some of the information, related by Paul LaViolette and by Timothy Moon.

The article on the Bosnian Pyramids by Dr. Paul LaViolette

Dr. Paul LaViolette, Ph.D., is author of, amongst others, "Genesis of the Cosmos", "Secrets of Antigravity Propulsion", "Subquantum Kinetics" and "Galactic Superwaves and their Impact on the Earth". He is editor of "A Systems View of Man". And he has published many original papers in physics, astronomy, climatology, systems theory, ancient technology and psychology.

The following is taken from his article, entitled: The Bosnian Pyramid Complex: *Signs of Technically Advanced Ice Age Civilization.*⁴

The energy beams

An electromagnetic energy beam issues vertically from the peak of the Pyramid of the Sun. It usually has a diameter of about 28 feet, but varies in size and can sometimes reach a diameter of 100 feet. Its position is also observed to move around in a radius of about 50 feet. It has a frequency of around 28 kilohertz, and is found to vary in intensity with its voltage amplitude ranging from 40 millivolts to 4 volts. Its signal may even be absent for some periods. This was found to be accompanied by an ultrasonic wave beam of similar frequency that was observed to have a diameter of 5 to 6 meters, to similarly move around the pyramid in a radius of 15 to 20 meters, and to vary in intensity and even shut off entirely for periods of 10 minutes or so. Weather was observed to affect the intensity of the ultrasound beam.

The anomalous character of the beam is strengthened by the observation that its signal intensity is found to increase with increasing distance above the vertex of the pyramid. The beam has been detected as high as 30 meters above the pyramid using a drone, and airplane flights are planned to see if the beam can be detected at even higher altitudes. As one possibility, one might imagine that the beam may have a source above the pyramid (i.e., in space). But this would require the presence of a geostationary satellite which if present should be known to most superpower defense departments which raises questions as to who would have placed such a probe aimed down at this particular pyramid and why the military allows its homing signal to be broadcast.

(...) Hills or mountains are not normally observed to

spontaneously radiate directed energy beams from their tops. So, if anything, the presence of such beams coming from the top of the Pyramid of the Sun should indicate that its outer soil deposits are covering something that is quite unusual and certainly not of natural origin. No one knows how the beams are generated. But it is highly unlikely that the electromagnetic beam is radiated by a radio antenna of the sort most are familiar with. To radiate a 28 kiloHertz radio signal, a quarter wavelength dipole antenna would need to have a length of at least 2.7 kilometers! This is far larger than the diameter of the radiation beam itself. Moreover such antennas normally radiate over a very wide angle; they do not confine their emission to a beam. (... One) possible explanation has been suggested by professor Mizdrak (...) (He suggested) ...that the source of the beam is located hundreds of meters beneath the center of the pyramid. In 2012, a team of 16 engineers, physicists and research assistants, led by Croatian electrical engineer and physicist Dr. Slobodan Mizdrak, conducted an experiment in which they fed a 40 watt signal ranging from 23 to 33 kiloHertz through a square antenna deployed along the top perimeter of the pyramid. The experiment attempted to create an interference between their applied signal and the signal beam that was naturally emerging from the top of the pyramid. The resulting interaction was picked up by a series of electromagnetic wave and ultrasound wave sensors placed at different locations around the pyramid. They acquired 39 hours of data, about 1 gigabyte, which was recorded by a series of electronic data loggers. Using the technique of triangulation, the data was then computer analyzed at an institution for statistics in Belgrade and at another institution in Vienna specializing in advanced mathematics.

The results implied that the pyramid's electromagnetic beam originates 2440 meters below the pyramid apex, just over 2 kilometers below its base. Interestingly, this is about the same distance as that separating the main pyramids (...) Also it was determined that the signal requires a power source of at least 10 kilowatts. Professor Mizdrak theorized that at this 2 kilometer depth there might be a large dish-shaped iron layer



Dr. Paul LaViolette at the 2014 Press Conference

whose center is displaced 410 meters away from the pyramid's central axis, about 10° off axis, and that is somehow being electrically energized to emit these electromagnetic waves and focus them toward the pyramid apex. This would explain why the signal increases in intensity as one moves upward from the top of the pyramid. That is, this subterranean antenna dish may be focusing at a point some tens of meters above the pyramid which would result in the signal strength increasing as this point of convergence is approached. But this dish would need to have a radius of 2.7 kilometers to properly emit this wave.

A power source that has continued to function for 34,000 years? The thought begins to give one the chills. If it were indeed encapsulated at the time of the pyramid's construction, this would imply the existence of a high tech fuel-less generator that has been functioning for over 30,000 years. The existence of advanced technology in the ice age era does not come as that much of a surprise when we understand that highly advanced scientific concepts are encoded in ancient star lore and preserved in ancient Egyptian, Greek, and Babylonian creation myths; e.g., see the books *Earth Under Fire* and *Genesis of the Cosmos*. But as we shall see shortly, there may be a more practical explanation (...)

A POWER SOURCE THAT HAS CONTINUED TO FUNCTION FOR 34,000 YEARS?

A similar 28 kHz energy beam has been detected emanating from the top of the Bosnian Pyramid of the Moon. Except in this case the primary beam is found to be modulated with a beam of slightly higher frequency of around 42 kHz. This is 1.5 times higher in frequency. In effect, the 28 and 42 kHz signals would be like second and third harmonics of a 14 kHz signal. So, there is a definite indication that a resonance phenomenon is taking place within the pyramids.

(...) What was the purpose of these signals? Valery Uvarov at the 2014 conference in Sarajevo suggested that they might be spacecraft homing beam markers. Airports use the same concept. They transmit an electromagnetic homing beam that airplanes use for landing while on autopilot. Another possibility that has been suggested is that it might be some sort of communication beam. When the ultrasonic beam of the Pyramid of the Sun is electronically converted to bring its sound down to the audible frequency range, its modulations sound to some people as though it is conveying some sort of information. One other idea to throw into the works is that perhaps the builders of the pyramid did this to call attention to their pyramid structure so that future generations might be notified of its presence

and not think that it is merely a mountain, as many archaeologists persist in believing. Perhaps they knew that one day it would be covered by flood deposits and needed to incorporate a marker beacon.

Is quartzite the cause of the beams?

Now here is some further food for thought to throw into the mill as another possible explanation for how these energy beams are generated. The Pyramid of the Sun is underlain by a conglomerate rock layer that also extends for kilometers into the surrounding land area where it is found to be permeated by a labyrinth of tunnels dug in prehistoric times. It is found that this conglomerate material contains quartzite as one of its main rock components. Quartzite is a diamagnetic metamorphic rock formed when quartz-rich sandstone or chert has been exposed to high temperatures. Like quartz, it is piezoelectric, meaning that it will generate electric fields if vibrationally excited. This principle is used to keep the second hand accurately ticking in your wrist watch. Now quartzite grains or rocks have natural resonant frequencies that range from a few kilohertz up to many megahertz depending on their size, the larger the rock, the lower its resonant frequency. For example, in the case of a quartz crystal, a crystal having a thickness of 10 centimeters (4 inches) will naturally resonate at 28 kilohertz. Interestingly, if we take the speed of sound in concrete we find that it is 3,400 meters per second, about 10 times the speed of sound in air. Now an ultrasound wave manifesting a frequency of 28 kilohertz in concrete will necessarily have a wavelength of 10 centimeters! Just a coincidence? This means that ultrasonic vibrations generated by the quartzite will produce sound waves whose wavelength matches the dimensions of the quartzite rocks that are resonating at this frequency and hence will sympathetically reinforce their vibration causing self-amplification of the resonant vibration!

This makes one wonder whether the ancient architectural plan to construct a pyramid encased in concrete made of embedded quartzite may have been purposefully done as a way of amplifying a resonance that was naturally present in quartzite rocks of the proper dimension. Moreover because these quartzite rocks are piezoelectric, they will be producing an oscillating electromagnetic field of the same or similar frequency. Of course, quartzite will have somewhat different resonant frequency than the example given above for quartz, and this will depend on the impurities present in the rock. But, in general the resonance will have a wavelength size that will center around quartzite rock inclusions of about the size that are found in the concrete and conglomerate layers.

If the quartzite conglomerate making up the concrete encasement of the pyramid and also the underlying naturally present quartzite conglomerate layer are radiating ultrasonic and E.M. waves at this particular frequency, then it is conceivable that the resulting electromagnetic wave component could be focused by the iron dish-shaped reflecting layer that Dr. Mizdrak

has theorized might underlie the pyramid, and thereby be directed upward toward the pyramid apex. So actually the observed electromagnetic energy beam may be deriving its energy ultimately from the pyramid's ultrasonic energy waves and their resonance with the quartzite in the rock conglomerate.

Intriguing resonance and sound phenomena

An ultrasonic wave components have been discovered coming from the Tumulus in Vratnica where it was found to be much more discontinuous than that coming from the Pyramid of the Sun. Also its sound emissions were found to be emitted far off from the center of the tumulus. The signals have also been measured in the tunnel labyrinth system adjacent to the Pyramid of the Sun but the ultrasound component there was very weak and present only deep within the tunnel system. Also an infrasound component was present there in the 7 to 10 Hertz range, hence in a range that corresponds to the frequency of the Schumann electromagnetic resonance. Hydrophone recordings conducted in water pools within the Ravne tunnels showed the presence of ultrasound oscillations at 24 kHz and one octave up at 48 kHz whose amplitudes changed in a rhythmic manner. A 38 kHz frequency also appeared erratically. Interestingly, this is 14 kHz higher than the 24 kHz frequency, a difference frequency that is half of the 28 kHz frequency reported coming from the Pyramid of the Sun. Researchers were getting too much environmental noise to get reasonable ultrasonic measurements for the Pyramid of the Moon. There are plans in the future to make hydrophone measurements there.

COULD THE PYRAMID BE ACTING AS A SEISMIC ENERGY ACCUMULATOR THAT DAMPENS EARTHQUAKE ACTIVITY IN ITS VICINITY?

So what is the source of this vibrational energy of over 10 kilowatts that excites this quartzite resonance? One source might be natural seismic noise in the earth arising from movement of the Earth's tectonic plates and ongoing mini seismic events. Seismic studies have found that the region around the pyramids is unusually quiet. Could the pyramid be acting as a seismic energy accumulator that dampens earthquake activity in its vicinity? Intriguing! Or this energy may come from the 7.83 Hertz Schumann electromagnetic resonance that comes from all parts of the sky due to oscillation of the Earth's ionospheric layer. This frequency lies nowhere near the pyramid's 28 kilohertz resonance, but interestingly scientists have found it present in the EM signature observed coming from the Pyramid of the Sun. So likely it is somehow tied into the resonance phenomenon that takes place there.

Of course, this theory is presently somewhat speculative being based on a paucity of information. Research needs to be carried out to measure the actual speed of sound in the pyramid's concrete slabs, the resonance characteristics of the quartzite found in the concrete and in the natural conglomerate layer. But for those of you who have any doubts about this theory, I encourage you to come up with a better explanation. It is indeed a mystery that needs explaining.

The 2014 report by Timothy Moon

Timothy Moon is the Archaeological Project Manager of the Bosnian Valley of the Pyramids Foundation.

In the introduction to his *MRAV 2014 Report to research, investigations and observations INTERNATIONAL summer camp prepared for Bosnian Valley of the Pyramids Foundation* he states that:

In addition to the mountains of information supporting past existence of an advanced civilisation, colossal architectural structures and subterranean labyrinths, the Foundation has amassed in excess of 12,500 ceramic materials, several never previously decrypted glyphic texts, megaceramic stones, construction materials and more than 1,200 lithic artefacts ranging from stone tools to art objects and utility items. (...) The evidence is available for examination. A civilisation incredibly substantial in its footprint, spanning a great many years existed at this location in a distant epoch. So distant that it has been forgotten to history. So ancient the processes of geological time have applied their pressures absorbing much of the structures back into the landscape (...)

The commentary that follows is intended to share observations, investigations, understandings and ideas as to what occurred at this location, what is presenting both quantifiably and intangibly. The project presents a renaissance to investigation technique. No longer can we confine ourselves to the observation of purely material evidence, but we must venture further to adopt a wider concept of evidential capture; energy signatures, acoustic outputs, electromagnetism, atmospheric



Timothy Moon at the 2014 Press Conference

composition and observable phenomena contain elements of cultural expression complementary to physical artefacts and features. Just because we may not hold them in our hand, gaze upon them with our eyes, (we, red.) should not discount their value or existence.⁵

What follows is taken from the 118 pages of the report and is only about one observed and investigated energy phenomenon, known as the R.E.P.

The R.E.P. - Ravne Energy Phenomenon⁶

One of the energy phenomena observed in the Ravne tunnel labyrinth is what Timothy Moon calls R.E.P. - the Ravne Energy Phenomenon. In his report he tells that in the tunnel system, which has many anomalous characteristics like negatively charged air, an oxygenated atmosphere without any need of ventilation, ultra and infra sound, no radiation and more, through 2011 and 2012 both students and volunteers brought to the attention an only by way of their cameras and image capture devices observable something. An orb-like phenomenon, invisible to the naked eye, with an estimated moving speed of 250 m/s or 900 km/h. A series of tests was set up to attempt to confirm or dismiss the existence of this anomalous something. Of 135 examined photos 110 remained unexplained.

The conclusion after more research is that a consistent light phenomenon is occurring and asks for further investigation.

THE HEART STONE MIGHT POSSIBLY BE OUR ROSETTA STONE, LINKING CULTURE, TECHNOLOGY AND PHENOMENA

The Heart Stone

Then something else was discovered. A stone named: The Heart Stone. Moon tells:

Now at this point we take a look at one of last year's great artefact discoveries - the Heart Stone. This just might possibly be our Rosetta Stone, in that it links Culture, Technology and Phenomena. By way of explanation - the Heart Stone projected an image for 4 days after recovery and return to the technical laboratory. Approx. 39 photographs were taken before the image disappeared. Note the structure of the image(s) at lower centre left - we have an outer perimeter circle, inner circle and a nucleus.

Just like in the R.E.P. photographs.

The stone is being analysed in a Materials Laboratory in the U.S.A. Requested are amongst others analysis of



R.E.P. - an orb-like energy phenomenon in the Ravne tunnels



Another example of the R.E.P.



The Heart Stone while the image was still there

the construction material and presence of pigmentation or other means by which the image is fixed. And Moon explains that they have posited the following questions:

- 1 - Is this an art object?
- 2 - If it is an art object, then we have cultural evidence of the ancient civilisation's knowledge of the R.E.P.
- 3 - If this is not an art object, how was the image projected?
- 4 - Is the image stored energetically or by an other method?

The water droplet phenomena

But the story of the R.E.P. does not end there:

(...) still images of energy forming within a water droplet, post season analysis of a selection of moving images, has provided a glimpse to some most perplexing activity and as it would happen has formed the foundation to 2014's REP research programme. In this specific instance our 2013 research team identified a water droplet forming in side Ravne labyrinth. The camera focused in on the drop, approx. 1.2 mm wide, and captured the normal cycling of water - an attribute of water is it never stays still - what came into focus however was something forming within the droplet, a series of spherical objects displaying concentric circles consistent to those observed earlier in the seasons REP research. Initially one, then two and finally eight objects could be seen and are recorded.

This photographic research is important for a number of reasons. We are now tying many complex parts of a puzzle together. On the one hand we started this journey looking in to student and volunteer photographs, attempting to understand what they were capturing, then we move to an Artefact displaying a facsimile - the Heart Stone (refer MRV 2013) - here an art object or technology shows us that someone in the past saw REP and reproduced it for aesthetic, worship or technical reasons, establishing a relationship between culture, man and REP. Then we correlate to the water droplet in which we see again the same concentric circles, outer ring, internal ring, down to a nucleus - very interesting that all these parts are beginning to interlink. By extrapolation - are we seeing ancient knowledge? Are we witness to a forgotten and naturally forming technology? Or, is this all just coincidence? Coincidence is a too convenient dismissal for a phenomenon that spans time and space. The Heart Stone was recovered from a 20,100 BP deposit, the photographs were taken in 2013, the Water Droplet was filmed in 2014, REP Orbs 2012-2014 - something very interesting is at play and we suspect it is the product of natural energy emissions being influenced, focused, manipulated and encouraged through a complex interrelationship between engineerd architecture, geology (quartz), atmospheric conditioning and water, not forgetting these elements and the Ravne complex appear to radiate out from the Pyramid of the Sun.

Meanwhile the R.E.P., the Heart Stone, the story of the

water droplet and the Ravne tunnel water are being investigated further. Other intriguing observations have already been made with regard to water droplets. Paul LaViolette says about the observations:

The tunnel system somehow regenerates its air, always maintaining its oxygen level at 20% without any need of ventilation. Measurements indicate very high levels of beneficial negative ions in the tunnel atmosphere, 200 times higher than in the outside country air! One possibility is that the 28 kiloHertz ultrasonic vibration that permeates the tunnel somehow induces sonic dissociation of the water droplets, sonic cavitation effects perhaps splitting the water molecules into hydrogen and oxygen. Although this theory needs further testing, photomicrographs made of water droplets in the tunnel show that something excites their surface and causes microscopic water clusters to seed off from their surfaces. People say they feel energized after spending some time within the tunnels and claim to have had health ailments cured. I heard some testimonies first hand. So, many visitors to the Ravne tunnels come for health purposes, to "energize" themselves. It is reminiscent of healing that takes place at spiritual centers such as Lourdes. In fact, many people take home with them bottles of water taken from the Ravne tunnel which is believed to have healing properties, the energy vibrations within the tunnel system having imprinted themselves into the molecular structure of its water (...)

And Timothy Moon states:

It has been likened to a birth of energy, drawn from the water possibly by the unique composition of atmosphere present in the Ravne tunnels.

In conclusion

It may be clear from both the article by Dr. Paul LaViolette and the report by Timothy Moon that, while still keeping in mind the main question about all found artefacts, other materials and observed phenomena: Are they natural or cultural?, the research at the Bosnian Pyramids site is very open.

Whatever the causes of all the observed energy phenomena, they warrant such an open-minded scientific research beyond the established boundaries of archaeology. Or as Timothy Moon states it, it needs: "to move beyond the constraints of archaeology as a solely material study", it needs a "policy of 'wide conceptual capture'", which is an aspect of the Bosnian Valley of the Pyramids project. Such an open-minded attitude may very well lead to much more information about very ancient civilisations and their knowledge of energy. It may also lead to new knowledge of the possibilities of all kinds of energy phenomena, as yet undiscovered or not researched extensively enough.

Science starts with and is about curiosity. And if there is one phenomenon we need to be as openly curious about as possible, it is energy. Energy in all of its forms and phenomena, from material to spiritual. We, humans,

exist entirely of energy. Our entire universe exists of it. Literally everything exists of it. So, no stone should be left unturned to find out the truth at The Archaeology Park: Bosnian Pyramid of the Sun Foundation.

Notes

1. Information about the *Hidden History Tour & Conference 2014* can be found here: <http://piramidasunca.ba/eng/latest-news/item/9478-hidden-history-tour-conference-2014-with-dr-sam-osmanagich-phd.html>
2. The personal website of Dr. Sam Semir Osmanagich can be found at: www.samosmanagich.com
3. A video of the Bosnian Pyramid Press Conference, held on September 6 2014, can be found here: <http://vimeo.com/105741329>
4. The article *The Bosnian Pyramid Complex: Signs of Technically Advanced Ice Age Civilization* by Dr. Paul LaViolette can be read in its entirety at: <http://etheric.com/bosnian-pyramid-complex-signs-technically-advanced-ice-age-civilization/>
5. Page 1 and 2 of the *MRAV 2014 Report to research, investigations and observations INTERNATIONAL summer camp prepared for Bosnian Valley of the Pyramids Foundation* by Timothy Moon: http://piramidasunca.ba/images/2015/0115/bosnian_pryamid_2014_report.pdf
6. Ibid, pages 41 through 54



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***Lost Knowledge** radio show reveals with expert commentary and scientific evidence the reality of multi species existence on and off the earth and our ability to expand our position in the universe as a sovereign nation. Emphasis is on disclosing without fear or conspiracy the true nature of humankind and our continued interaction with other species within the universe with emphasis on how to exist as a human being in the new higher dimensional state as a peaceful society.*

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