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## BOSNIAN VALLEY OF THE PYRAMIDS

### Discovery and Road to Recognition

#### SUMMARY

The concept of the structures built in the shape of the pyramid with the inner chambers and passageways and the orientation toward the cardinal points had been present worldwide from Central and South America to Africa, Asia and Europe. Different civilizations, in different ages, used them for different purposes. Still, some questions remain open regarding the logistics, age and the use of the structures.

The discovery of the Bosnian Valley of the Pyramids in Visoko (Bosnia-Herzegovina), in 2005, requires the traditional definition of a "pyramid" to be reconsidered and widened. Certain astronomical and mathematical knowledge incorporated in Bosnian pyramids are similar to Egyptian true pyramids, Chinese or Mexican step pyramids.

Huge construction work had been performed in the Visoko Valley. The elements of both: the superstructure (natural core, nucleus, outer-facing) and the substructure (tunnels, corridors) have been discovered but yet to be proven as a part of the master plan. It will be achieved through the combination of classic geo-archaeological methods, advanced geo-radar and satellite technologies.

#### Key words:

Concept of the pyramid  
Bosnian pyramids  
Bosnian Valley of the Pyramids

## Professional Biography



Semir Sam Osmanagich is a Bosnian-born, living in Houston, Texas, author, researcher and businessman ([www.semirosmanagic.com](http://www.semirosmanagic.com)).

He has discovered an ancient pyramidal complex in Visoko, Bosnia which consists of five colossal stone structures in the shape of the pyramids with extensive pre-historical underground tunnel network.

He has established a non-profit and non-government "Archaeological Park: Bosnian Pyramid of the Sun" Foundation to pursue the excavation, geo-archaeological work and the protection of the cultural heritage.

Education: Ph.D.: The Mayan Civilization; Master of Sciences in International Economics; B.S. in Political Sciences (4 years); B.S. in Economics (4 years), Training in Sociology (2 years), all obtained from the University of Sarajevo, Bosnia-Herzegovina.

Osmanagich authored and narrated 12-episode documentary "In Search for the Lost Civilizations" for the National Bosnian Television FTVBiH (2007) which was based on his book "Civilizations Before the Official History" (2005) and filmed in Peru, Easter Island, Costa Rica, Mexico, UK, France, Germany, Malta, Egypt, Jordan and Lebanon.

He lectures intensively around the world: Egypt, Jordan, Malaysia, Canada, USA, China, Great Britain, Switzerland, Austria, Norway, Sweden, Croatia, Montenegro, Serbia, Denmark, Germany and other countries.

Osmanagich has authored ten books about ancient civilizations (The Mayan World, Peruvian, Mexican, Pacific civilizations) that were published in the United States, Turkey, Estonia, Croatia and Bosnia-Herzegovina.

## BOSNIAN VALLEY OF THE PYRAMIDS

### Discovery and Road to Recognition

#### 1. Worldwide Pyramid Concept

The long-held notion that the pyramids were built only in Egypt and Mexico had to change in the 20<sup>th</sup> century. It was discovered that stone and brick structures in the shape of the pyramid were built thousands of years ago from Bolivia and Peru through Central American countries of Mexico, El Salvador, Guatemala, Honduras and Belize as well as throughout the islands of the coasts of Africa such as Canary Islands and Mauritius, then Sudan, Southern European countries such as Italy, France and Greece and in the east in China, Korea and Pacific islands.

Extensive research of these structures worldwide in the twenty first century is to yet to follow.

Certain common elements are noticeable. For example, geometry (four-sided pyramid, triangular faces), flat top, substructure (tunnels, corridors), underground passageways and chambers, orientation, astronomical and mathematical concepts and other structures affiliated with the pyramid.



Photo 1: "True" pyramids on Gizeh plateau (Egypt):  
Cheops, Khefren and Mikeren pyramids are three out of 130 pyramids  
built in ancient Egypt; perfect orientation North-South, East-West



Photo 2: Mayan pyramid in Tikal (Northern Guatemala),  
the highest pyramidal structure in Central America



Photo 3: Candi Suku, Java, Indonesia, pyramidal temple

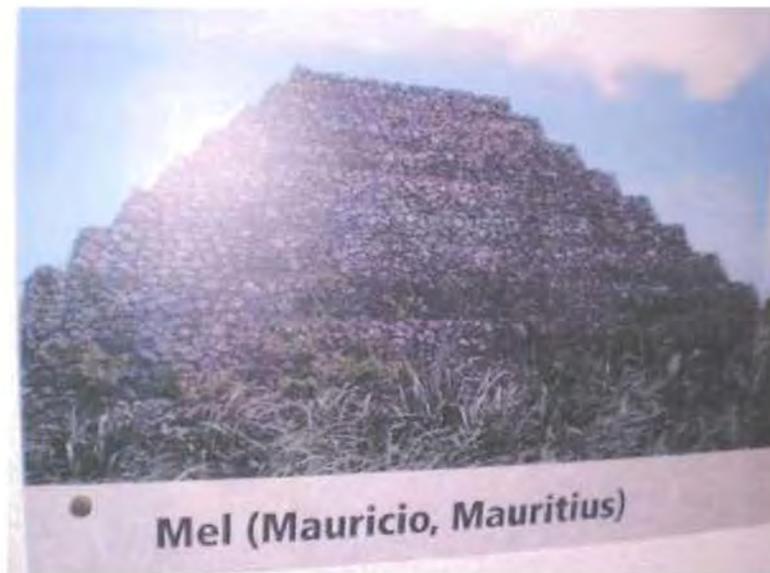


Photo 4: Step stone pyramid in Mel, Mauritius



Photo 5: Model of step Pyramid of Akapana in Bolivia, granite blocks were used in construction



Photo 6: Step circular pyramid in Andon, Korea  
(one of three stone pyramids in Korea)



Photo 7: Pyramid in Hellenicon, Greece, 2720 B.C.  
(one of the 16 pyramids in Greece)



Photo 9: Pyramid in Sicily (one of five locations among the ancient pyramids in Italy)



Photo 10: Guimar pyramid, Tenerife, Canary Islands, Spain, one of six step stone pyramids in Guimar; dozens of pyramidal structures in Tenerife and La Palma have been destroyed by modern civilization



Photo 11: Pyramid of the Sun, Teotihuacan, Mexico, 1858,  
completely covered by soil and vegetation



Photo 12: Pyramid of the Sun, Teotihuacan, Mexico, 1985,  
after the excavation



Photo 13: Pyramid - Han Yang Ling Mausoleum, Xian, China,  
completely covered by soil and vegetation



Photo 14: Pyramid - Han Yang Ling Mausoleum, Xian, China,  
Model of the pyramid in Museum,  
perfect orientation North-South, East-West



Photo 15: Step pyramid in Kavachi region, Southern Peru, orientation towards the cardinal points, (total of 34 pyramids in this area, and 250 Tucume pyramids on the North)



Photo 16: Step pyramid in Saqqara, Egypt

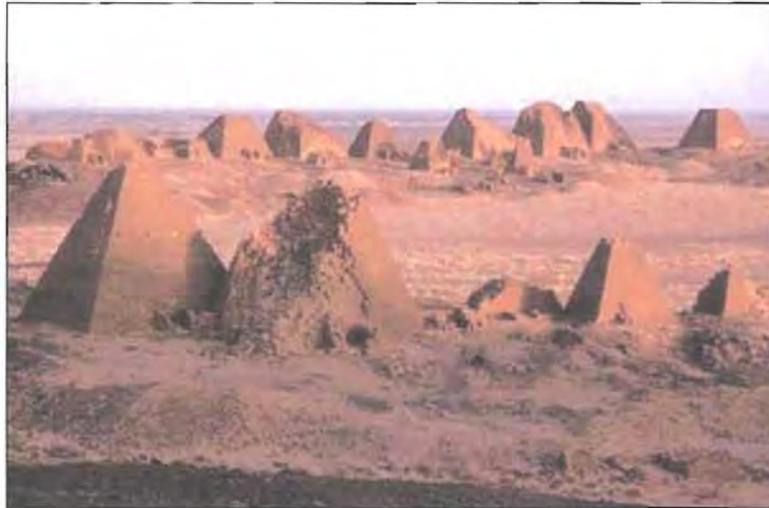


Photo 17: Nubian pyramids in Northern Sudan  
(total of 224 stone pyramids were built)



Photo 18: Mahalatea step pyramid in Tahiti



Photo 19: Red Pyramid in Egypt



Photo 20: Bosnian Pyramid of the Sun, Visoko, Bosnia-Herzegovina, with it's height of 220 meters—tallest pyramidal structure of the ancient World; preliminary report on the rectangular base: 440x660 meters

## 2. Scientific analysis of the Bosnian Valley of the Pyramids

The four-year comprehensive geo-archaeological research points to the existence of huge construction complex in Visoko Valley. This complex is named the Bosnian Valley of the Pyramids and includes the following structures:

- Bosnian Pyramid of the Sun (former "Visocica Hill")
- Bosnian Pyramid of the Moon (former "Pljesevica Hill")
- Pyramid of the Bosnian Dragon (former "Buci Hill")
- Temple of Earth (former "Krstac Hill")
- Bosnian Pyramid of Love (former "Cemerac Hill")
- Tumulus in Vratnica (former "Toprakalija Hill" in Vratnica)
- Structure "Dolovi" (Vratnica)
- Underground tunnel complex "Ravne" (entrance to the tunnel 2.5 km from the Bosnian Pyramid of the Sun)
- Underground tunnel network "KTK" (entrance to the tunnel 1 km from the Bosnian Pyramid of the Sun)

### 2.1. GEOMETRIC FEATURES OF THE PYRAMIDS

Based on numerous airborne and space-borne images of the Bosnian Pyramid of the Sun, it becomes evident that the geometric features present with three sides that exhibit geometrical shape of a triangle. Even though such elements occur in nature, it is rarely, if ever, a precise shape and rarely replicated on opposite sides of a mound. In this case, two sides are equilateral triangles, with well-defined sides.

Satellite imaging of the local area in the central part of Bosnia and Herzegovina (Landsat, Radarsat, Hyperion, Ikonos, courtesy of Dr. Amer Smalbegovic), indicated that there are five hills which show apparent geospatial anomalies where two or more sides are triangular. All of the aforementioned hills exhibit triangular sides and some have elements of stairs and step features on the sides with flat plateaus on the top.

In the case of the Bosnian Pyramid of the Sun, three out of four sides exhibit evidence of geometric features. Geologic evidence is not indicative of any significant faulting or the processes of the glaciations in the area that would otherwise affect the existence, geometry and texture of these sides.



Photo 21: Bosnian Pyramid of the Sun, Visoko, Bosnia and Herzegovina

## 2.2. PERFECT ORIENTATION - CARDINAL SIDES OF THE WORLD

The measurements made by the Geodetic Institute of Bosnia and Herzegovina indicate that the sides of the Bosnian Pyramid of the Sun (BPS) are exactly aligned with the cardinal sides of the world (North-South, East-West), which is one of the characteristics often noted with the existing pyramids in Egypt, Peru, Guatemala or China. The North side of the BPS is oriented towards stellar North (like the Great Pyramid of Egypt), in parallel with the position of the North Star.



Figure 22: Satellite topography of Bosnian Pyramid of Sun and orientation toward cardinal points (Courtesy of dr. Amer Smailbegovic)



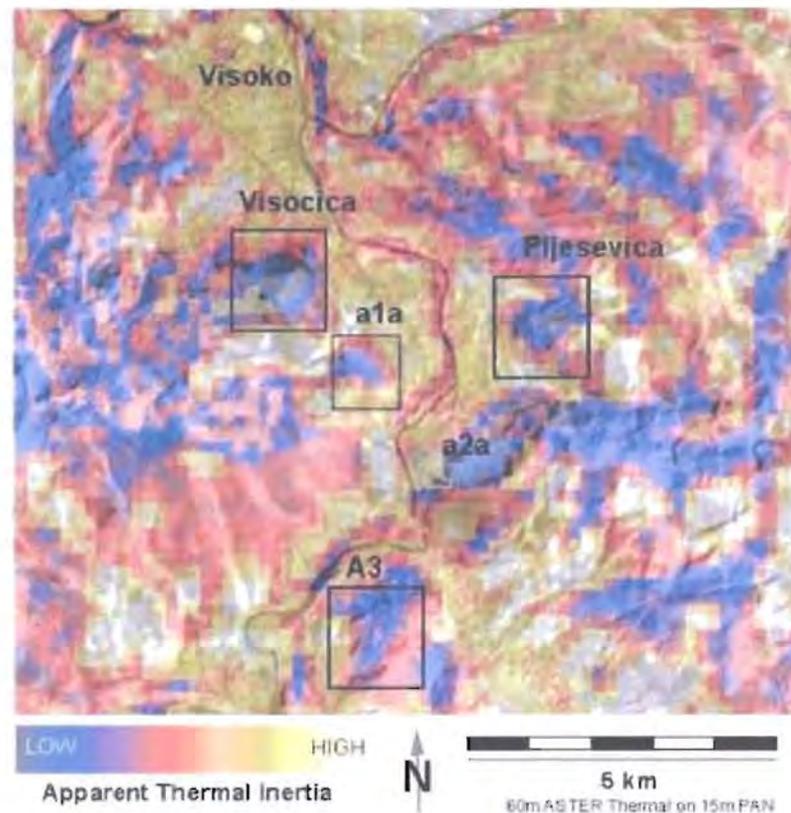


Photo 24: Apparent Thermal Inertia

#### 2.4. GEOLOGICAL-SEDIMENTARY ANALYSES

The results of core drilling, test-well sinking and limited trenching in August and October 2005, with a follow-up in 2006 and 2007, have confirmed prior observations and, revealed that the surface of the pyramids is comprised of layered sandstone and breccia blocks, which have been manually processed and/or cut to fit the required dimensions. The binding agent found between the sandstone blocks suggest the presence of a “clastic breccia,” a multicolored conglomerate comprised out of gravel, sandstone and shale with a connective matrix or cement composed of sandy carbon particles of quartz, feldspar and flakes of mica. The flat sides of the blocks, the contact zone, and the binding agent are clearly visible. Further detailed cleaning of the contact line between the two sandstone blocks revealed that the blocks were manually processed beneath and that the surface was flat and smooth, with binding agent applied afterwards to the surface.



Photo 25: Sandstone monoliths, shaped by human hands and emplaced at the monumental access plateau

## 2.5. GEODETIC TOPOGRAPHIC COUNTOUR ANALYSIS

The elevation that is shown on this high resolution interval contour map indicates an even overall slope and a stair-step design, observable on the sides of the Pyramid of the Sun.

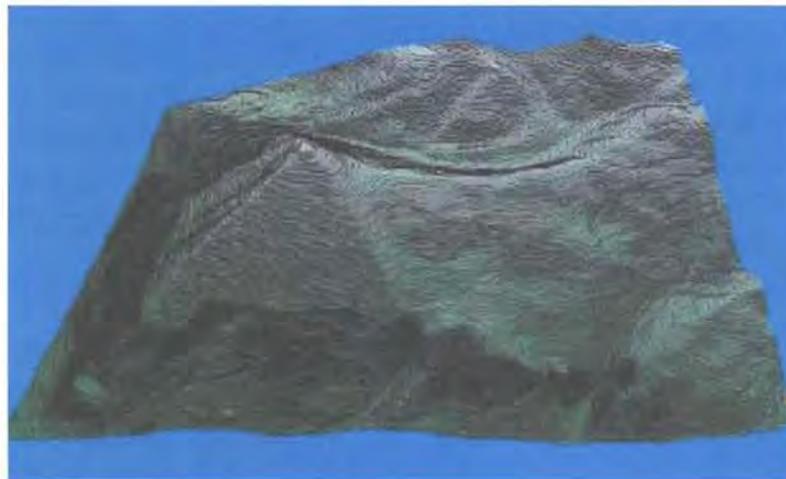


Photo 26: 3-D geodetic contour interval map of the Bosnian Pyramid of the Sun (Courtesy: Geodetic Institute of Bosnia-Herzegovina).



Photo 27: 3-D Contour map of the Bosnian Pyramid of the Sun  
(Courtesy of Geodetic Institute of Bosnia-Herzegovina)

## 2.6. LINEAMENT DETECTION

The automated linear-anomaly detector LINANAL (originally developed for tectonic studies of topographic lineaments) estimated the break angles of 43.822 degrees ( $\pm 1.6$ ) on the exposed facets, repeated within the same error envelope on all exposed sides. The observed phenomena should not be confused with triangular facets normally occurring in a tectonic setting, for those occurrences only exhibit single-sided triangulation and are uneven in the appearance with a far lesser or greater incidence angle, whereas the observed anomalies exhibit two or more even triangular sides with 4,  $\sim 40-48$  degrees angular breaks. Furthermore, no observed fault strikes correspond with the triangular occurrences on the mounds, thus eliminating the possibility that they were a secondary product of recent tectonic movements.



Geophysics from Belgrade with Dr. Dejan Vuckovic as a head of the research), concluded that a total of 44 anomalies were found in the Bosnian Valley of the Pyramids and includes terraces, steps, shaped stone structures, passageways etc.



Photo 29: Georadar experts from German company LGA Bautechnik GMBH found 44 man-made structures within 18 meters in depth throughout Bosnian Valley of the Pyramids



Photo 30: German georadar equipment shows possible passageways within the Bosnian Pyramid of the Sun

## 2.8. EQUILATERAL TRIANGLE OF THREE MAIN PYRAMIDS

Three main pyramids in the Bosnian Pyramid Valley form an equilateral triangle. The Cadastral Office from the County of Visoko performed GPS measurements of the hilltops and determined that all angles are symmetric (60 degrees). Their measurements showed that the distances among all three hilltops are the same (approx. 2,2 km) with less than 2% error, verifying the artificial structures.

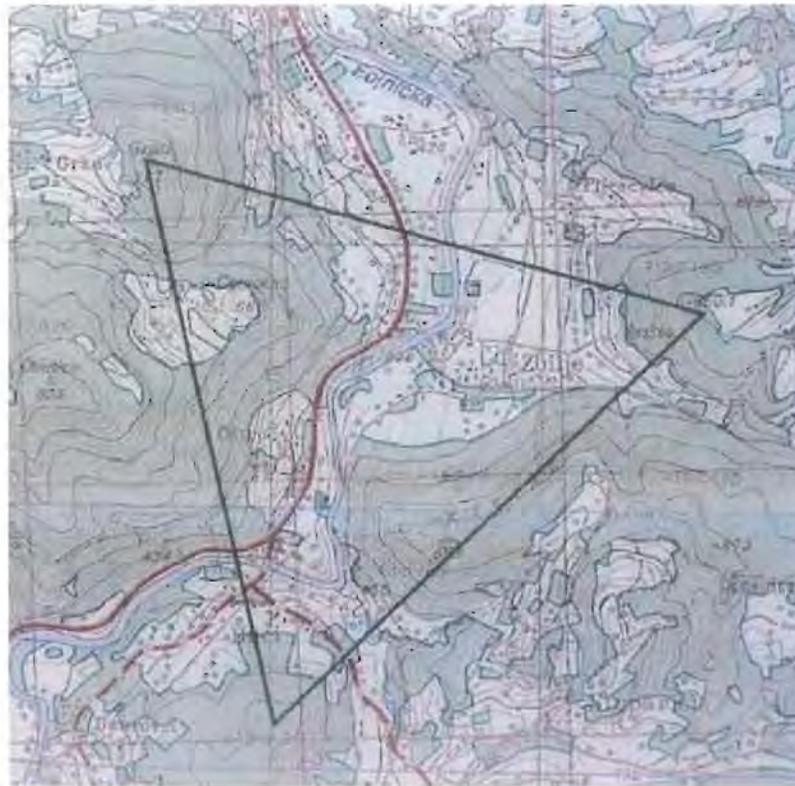


Photo 31: Topographic chart (1:24,000) with all three locations (Bosnian pyramids of the Sun, Bosnian Pyramid of the Moon and Pyramid of the Bosnian Dragon), formed an equilateral triangle over the valley  
(Courtesy of Cadastral Office, Municipality of Visoko).

## 2. 9. GEO-ARCHAEOLOGICAL EVIDENCE – FIELD CAMPAIGNS 2005, 2006, 2007 AND 2008

The “Archaeological Park: Bosnian Pyramid of the Sun” Foundation has spent over 300,000 working hours excavating the archaeological locations in Visoko – Bosnian Valley of the Pyramids. This fact alone made this project the largest archaeological project in the world.

### 2.9.1. BOSNIAN PYRAMID OF THE SUN

The Bosnian Pyramid of the Sun is completely covered by soil and vegetation. During the 1950s and 1960s, local government organized tree planting activities. Trees managed to grow only on the bottom half of the Pyramid.

Thickness of the soil on Western, Northern and Eastern side of the Pyramid varies from the top (20 cm) to the bottom (1.5 meter). This is due to the erosion. The Southern side, which seems to be damaged, has a soil layer of 3-6 meters. That is the reason why this side has lost its regularity.

Physical material evidence of shaped and well preserved stone monoliths were unearthed during the ongoing geo-archaeological campaign in 2006-2008.



Photo 32: Excavation sites on the Bosnian Pyramid of the Sun



Photo 33: Stone monoliths on the Northern side  
of the Bosnian pyramid of the Sun  
– superstructure of the pyramid  
- outer facing of the pyramid

Samples of the stone blocks were analyzed in three domestic Bosnian scientific institutions (Institute for Civil Engineering in Tuzla, Institute for materials at the University of Zenica and Institute for Construction at the University of Sarajevo). Hardness of over 100 MPa and presence of the calcium carbonate and magnesium carbonate point into the direction of ancient synthetic material – first concrete! According to Prof. Muhamed Pasic from University of Zenica, they are “moderately baked clay crushed with water possesses binding properties”. It has been the basis for Roman cement as well.



Photo 34: Concrete blocks stowed one on top of another, forming the slope of the pyramid.

Four rows of blocks (40-45 cm thick) are followed by clay layer (45 cm) and another two rows of blocks follow.



Photo 35: Concrete blocks form the same slope in all directions.



Photo 36: Tree roots can not permeate the cement surface of the Pyramid. According to the biologist professor Sulejman Redzic of University of Sarajevo, same roots break through natural conglomerate material for 20-25 meters (Neretva river valley, 120 km south of Visoko)



Photo 37: North-East corner of the Pyramid clearly shows construction characteristics



Photo 38: Causeway that leads to the top of the Bosnian pyramid of the Sun is paved by the sandstone plates; pyramid is built from entirely different materials (concrete conglomerate blocks). Aerial photo shows corners between West and North, and North and East. Top of the Pyramid is flat like pyramids in China, Mexico or Egypt.

**Drenazna Geomorfologija "Piramidalnih" Brda**

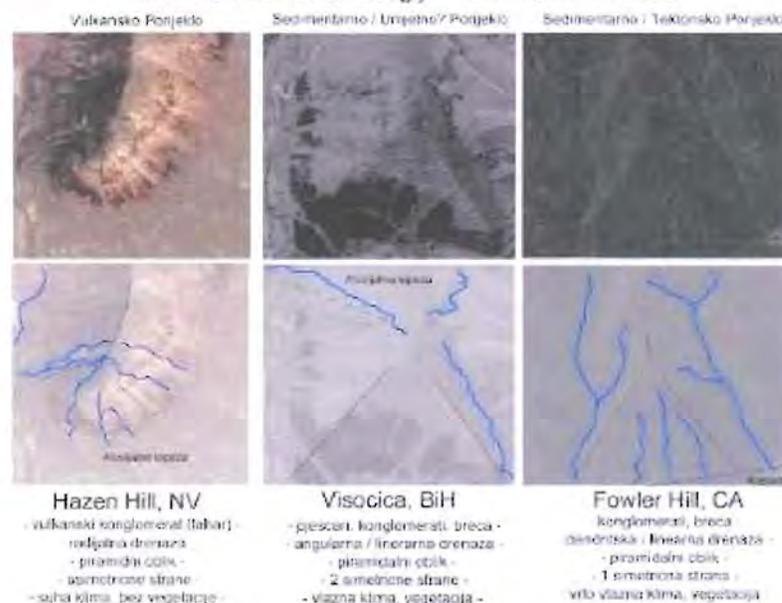


Photo 39: Fluvial geomorphology – comparison among two natural hills in US (Hazen Hill and Fowler Hill) and Bosnian Pyramid of the Sun (“Visocica”); triangular faces in a case of natural hills form the permanent water drainage unlike artificial walls of Bosnian pyramid of the Sun (Northern and Eastern sides).



Photo 40: Concrete blocks are covered by thin and smooth “sandstone” layer



Photo 41: Geophysicists from the Belgrade University conducting geo-radar screening (sonda # 12)



Photo 42: Satellite radar has penetrated the surface of Northern side of the Bosnian Pyramid of the Sun of four meters. Straight black lines show underground passageways – pyramidal substructure. Some of them intersect at 90 degrees.

## 2.9. BOSNIAN PYRAMID OF THE MOON

With its height of 190 meters, Bosnian Pyramid of the Moon is the world's second largest: next to the Bosnian Pyramid of the Sun (220 meters) and higher than Khufu's Great Pyramid of Egypt (148 meters). It is a three-sided pyramid with the plateau coming from the East, leading to the top of the structure. Other sides (North, West, South) match the cardinal points.

For the construction of this pyramid, sandstone plates and tiles were used together with the clay as a constructive material.



Photo 42: Layout of three main pyramids: Sun (top right), Moon (bottom) and Dragon (left) form the equilateral triangle with a distance of 2,2 km between the tops of the pyramids.

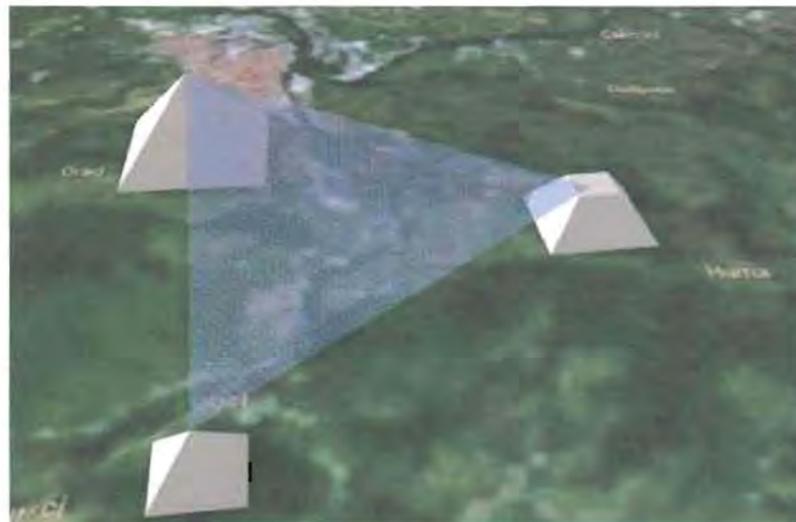


Photo 43: Geometry, shape, orientation, constructive material – they all prove the perfect planning and execution of the complex.



Photo 44: Shadow of the Bosnian Pyramid of the Sun form the parallel “pyramid” next to the Bosnian pyramid of the Moon on a day of summer solstice (June 22<sup>nd</sup>), extremely important day for the ancient people



Photo 45: Shadow of the Bosnian Pyramid of the Sun completely covers Bosnian Pyramid of the Moon just before the sunset on August 20th





Photo 47: Bosnian Pyramid of the Moon – sandstone tiles, carefully shaped and fit next to each other



Photo 48: Bosnian Pyramid of the Moon  
– discovery of the vertical wall in 2006,  
1 meter deep, built from sandstone plates



Photo 49: Bosnian Pyramid of the Moon  
– discovery of the rectangular structure in 2006,  
approx. 3x2 meters, built from sandstone plates

According to Professor Muhamed Pasic of University of Zenica (Institute for Materials), who was heading a 3-year long lab testing of close to 100 samples from the Bosnian Pyramid of the Moon “... sandstone plates on Bosnian Pyramid of the Moon are homogenous formations from silicate origin materials - quartz sand and from calcium-magnesium carbonates with total content of about 84 mass %, while other components are ferrous, potassium, sodium and titanium oxides. At this grade of natural silicate materials with density 2.6 g/cm<sup>3</sup>, it is proven that its volume mass increases into direction of sedimentation and that in the same direction, decrease its porosity, as well as waterproof properties and that increases strength properties.”

He concluded: “We have opposite trend on excavated mosaics on the plateau and on Pyramid foothill. Such geological anomaly confirms statement that mosaics are formed by composition of splitting and shaping plates extracted from different depths of quarry!”

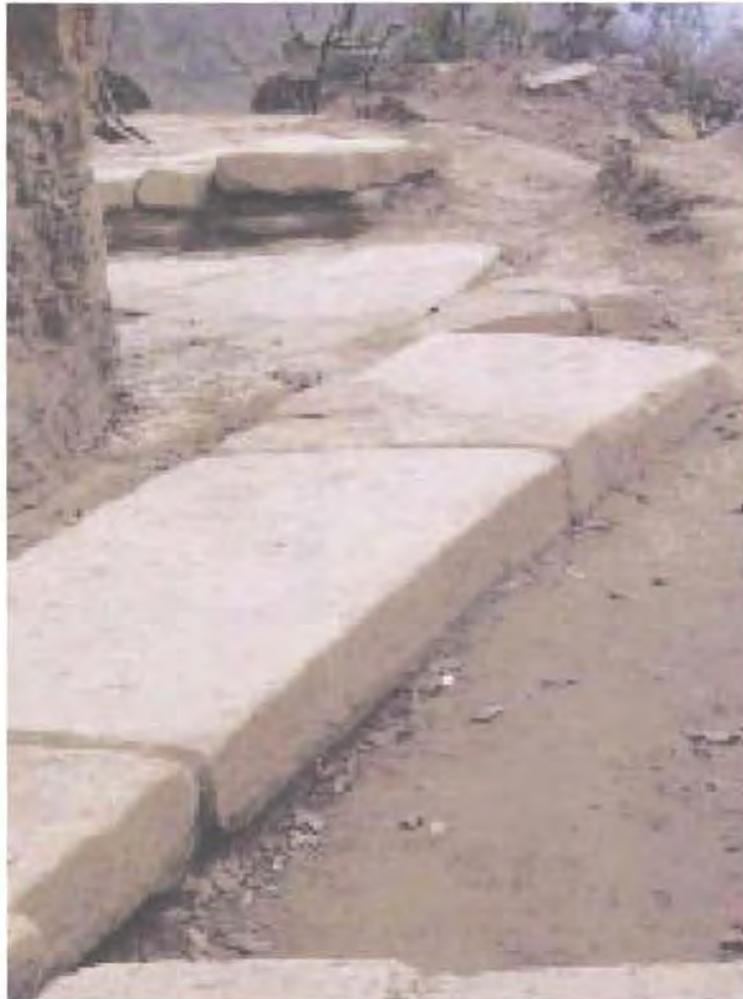


Photo 50: Bosnian Pyramid of the Moon, sonda # 20,  
120 meters from the bottom: rectangular sandstone plates  
compose one of the terraces at the Western slope of this “terraced” pyramid



Photo 51: Shaped sandstone plates, stowed on top of each other, found 1 meter deep at the Bosnian Pyramid of the Moon



Photo 52: Shaped sandstone tiles discovered one meter deep on Western slope of the Bosnian Pyramid of the Moon; sandstone is common material in Bosnia used today as a construction material as well



Photo 53: Paved terrace close to the top of the Bosnian Pyramid of the Moon, Eastern causeway; sandstone plates are stowed in several rows



Photo 54: Section of the Causeway that leads to the top of the Bosnian Pyramid of the Moon shows rows of sandstone plates with layers of clay in between them (probably served as the insulation and adhesive material)



Photo 55: Detail from sandstone terrace from the foot of the Bosnian Pyramid of the Moon – contrary to some geologists who claim that terrace is actually part of the natural plate from Miocene that broke due to the tectonic movement; this detail shows straight lines with 90 degrees which is typical for human activities



Photo 56: Terrace on Western side of the Bosnian Pyramid of the Moon – it was uncovered under 1 meter of soil and clay; it shows slope climbing up of 8 degrees from North to South direction; also, there is another slope of 8 degrees going down from West to East.



Photo 57: Sandstone terrace on Southern side of the Bosnian Pyramid of the Moon discovered under 1 meter layers of soil and clay; shows slope of 8 degrees climbing up from South to North (opposite to terrace at the foot of the Western side). It proves that these terraces are not a result of the tectonic movements but are planned human activities. A number of these terraces on the Western pyramid face has no slope at all (sonda # 18-20) - it is leveled

## 2.10. A NETWORK OF UNDERGROUND TUNNELS

Examples of the main pyramidal complexes worldwide show that under the pyramids, underground passageways and chambers had been built. It's the case of pyramids in Giza (tunnels connect the pyramids, sphinx, Nile), Teotihuacan (underground enlarged 4-chamber cave with passageways), Step pyramid in Saqqara (underground "labyrinth"), China (underground tunnels built from sandstone, bricks and clay), Tenerife (cave-tunnels in Guimar).

Numerous field findings suggest that an extensive tunnel network exists in the Bosnian Valley of the Pyramids. It is hypothesized (Principal investigator Semir Sam Osmanagich) that the tunnel system connects all of the colossal objects, water wells and other structures of importance. The current excavations in progress have already presented with findings of several shaped monoliths in the tunnels. Hundreds of meters of tunnels have been secured by wooden support. The tunnels were definitively not the mining shafts as no tools, coal, silver, gold or any other worthy material were found and they appear much older than Middle Age or Roman times.



Photo 58: Size of underground tunnel “Ravne” at the time of discovery in 2006. Tunnels are built in conglomerate material. Approx. 50 cm of conglomerate layers are above the marl material (water-tight). Tunnel complex was flooded in distant past and lot of debris remained.



Photo 59: Distance from the tunnel entrance to the Bosnian Pyramid of the Sun is 2.5 km. Work is focused on cleaning and secured by wooden support the main tunnel that goes in direction of the Pyramid (NW-SE).



Photo 60: During the process of cleaning, a lot of side tunnels were discovered.

Side tunnels lay at 90 degrees to the main tunnel.  
All of them are blocked with drywalls and fill-in material brought from the outside.



Photo 61: Drywall detail in underground tunnel complex “Ravne” (70 meters from the entrance).

No connective material has been used.  
Stones are rounded, typical for river beds.



Photo 62: Apparent shaped sandstone monolith found at the 185<sup>th</sup> meter of the underground tunnel in Ravne, under a thick layer of conglomerate and sand indicating its fairly old age of emplacement. The weight of the monolith is presumed to be over 7 metric tones.



Photo 63 – Potential ancient inscriptions found on sandstone monolith “K-1” in the underground tunnel “Ravne”

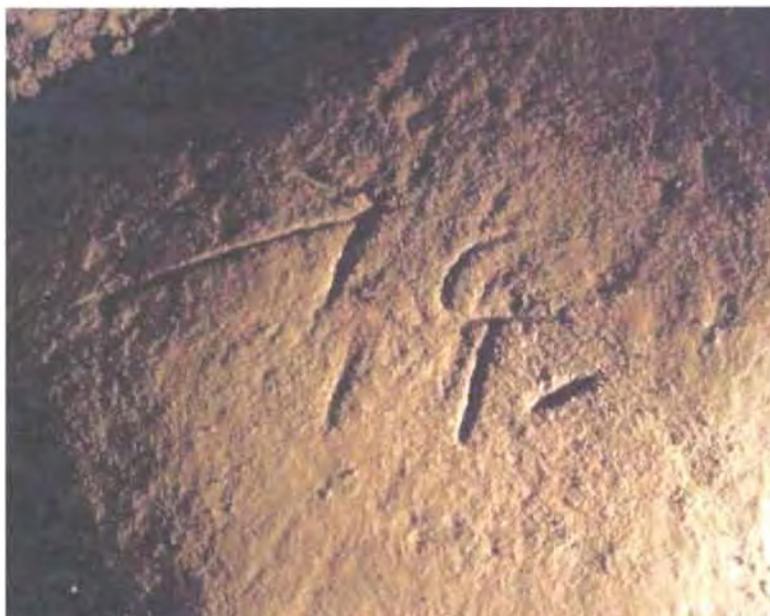


Photo 64: Carved symbols on the surface of monolith "K-1" discovered after removal of conglomerate



Photo 65: Discovery of the monolith "K-2" under the conglomerate at 210<sup>th</sup> meter from the entrance



Photo 66: Monolith "K-2" completely cleaned in August 2008; it's sitting on top of sandstone plates that make bedding for the monolith.

There is a cement material between the bedding and monolith.

It's a clear proof that this location was picked up by builders for some reason (ceremonial?) and sandstone monolith were positioned here.

Dowsers from Italy claimed that 20 meters under the monolith, exists a crossing of two underground water flows.



Photo 67: Monolith "K-2, surface looks like it was shaped and might represent the topography of the terrain



Photo 68: Discovery of the organic material within the conglomerate walls in November 2007. Samples were sent for radiocarbon dating to Germany (Christian-Albrechts University, Kiel) and Poland (Silesian University of Technology, Gliwice). Results show the age of 31,000 and 34,000 years respectively. If more dated materials confirm this finding it would mean that the underground tunnel network was flooded over 30,000 years ago with tunnels and megaliths with symbols already in place.

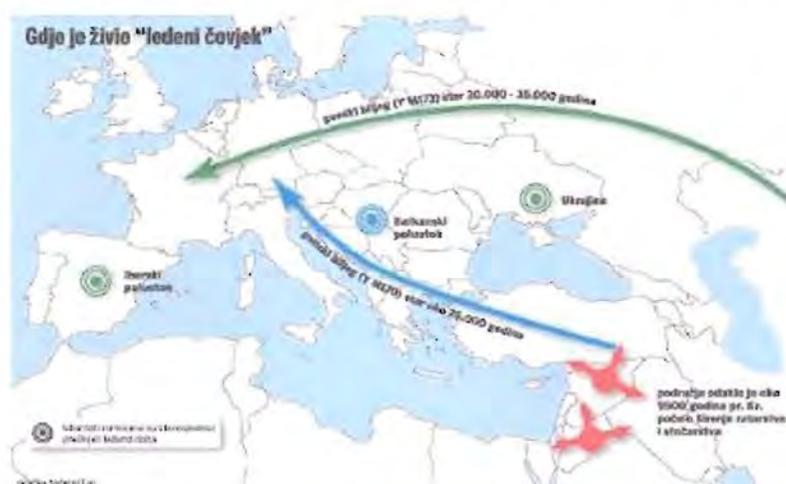


Photo 69: Map of first migrations to Europe. According to the Anthropological Genetics and recent DNA testing, the oldest cultural oasis in Europe are Spain (ingenious “cave paintings” dated up to 32.000 years BP), Balkan (Visoko is in the middle of Balkan) and Ukraine, also over 30,000 years



Photo 70: Discovery and cleaning of the debris in the underground tunnel “KTK”; October 2007 – February 2008. Tunnel was 3 meters high and 2.5 meters wide.



Photo 71: “KTK” underground tunnel after cleaning; total of 150 meters were cleaned and secured. Main tunnel is located between two rivers (river Bosna and river Fojnica) and goes in direction of the Bosnian Pyramid of the Sun

## 2.11. TUMULUS IN VRATNICA

Pyramid complexes in the world consist of the pyramids, temples, step structures, underground tunnels, etc. In a case of the Bosnian Valley of the Pyramids, same building material is found in an area of 40 sq.km.

Just 4 km from the Bosnian Pyramid of the Moon, in a village Vratnica, two mounds have been excavated: "Toprakalija" and "Dolovi". "Toprakalija" has a conical shape and it reminds one of tumulus in England. Two larger terraces have also been uncovered on "Toprakalija" mound and they show the presence of the same textured plates and blocks as on the Bosnian Pyramid of the Moon, but larger in size.



Photo 72: "Toprakalija" mound in Vratnica, rounded shape like in a case of tumulus in England.



Photo 73: Excavation on “Toprakalija” mound revealed textured sandstone blocks and clay layers used as a constructive material

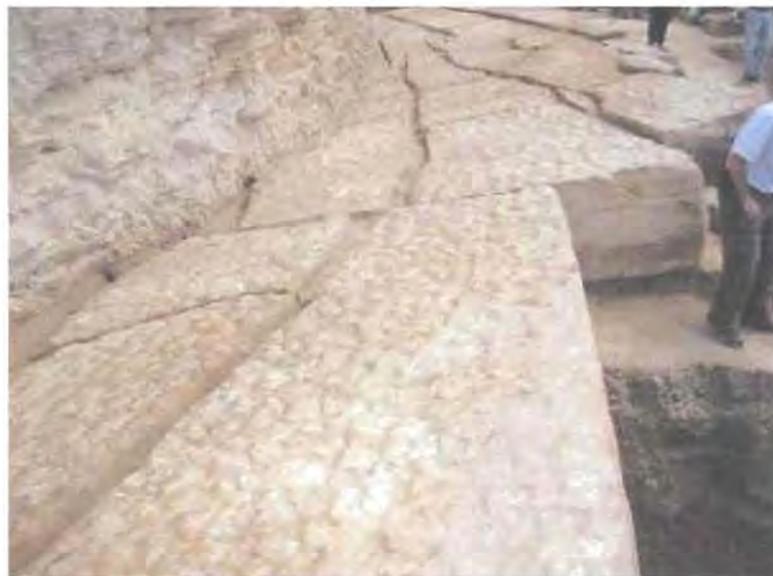


Photo 74: Sandstone blocks reach the weight of over 20 tons; according to the analysis, the blocks consist of two layers--  
– textured top layers, 8-10 cm thickness, base thickness 50-55 cm.  
Nature does not make two-layer blocks, transport and fit them together

## 2.12. ARTIFACTS

Archaeological work is a slow process and requires a lot of patience. Figuring out answers to five questions: what, who, when, how and why may take decades in the case of the Bosnian pyramid complex. Certain important artifacts have been found at the different locations in Visoko valley. In the years to come, more will be discovered and we will get closer to the answers of this mysterious complex that is changing our understanding of the world history.



Photo 75: Fragments of the stone circle (ceremonial table, wheel, part of the column?) discovered in “KTK” tunnel in 2007



Photo 76: Sandstone plate with carved symbols discovered in underground tunnel “Ravne” in 2008



Photo 77: Sandstone foot, follows the anatomy of human foot, matches shoe number 36, discovered on the terrace at Tumulus in Vratnica; possible mold served as a unit for measurement or artistic expression

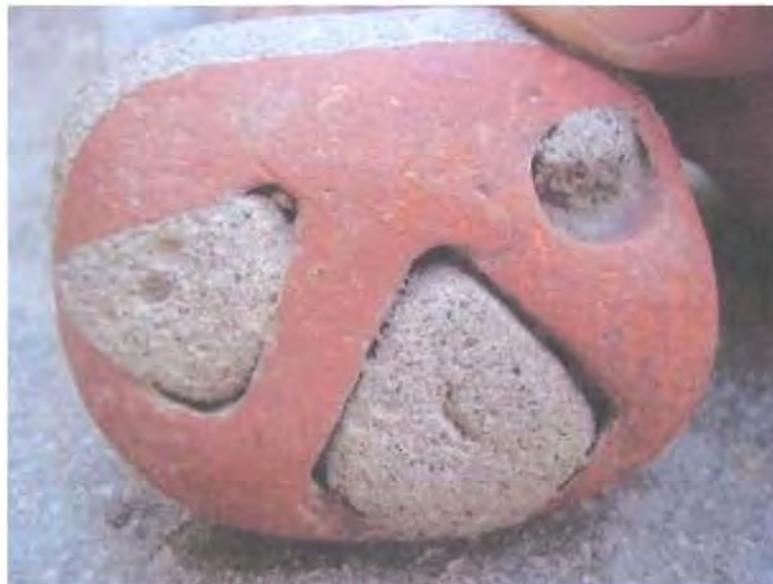


Photo 78: Stone "amulet", discovered on the slope of the Pyramid of the Bosnian Dragon, two types of stone combined

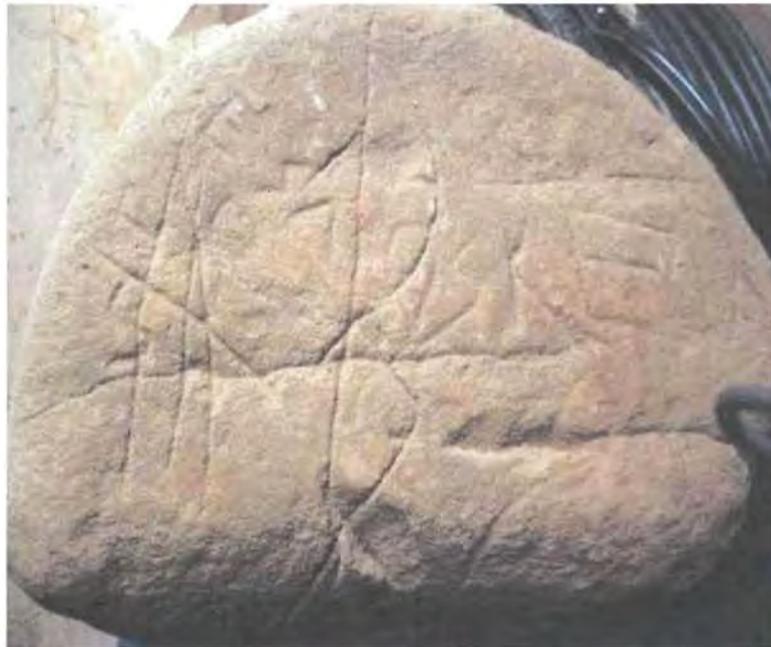


Photo 79: Sandstone plate with carved symbols and lines, possible topography of the terrain— discovered in 2006 on the Bosnian Pyramid of the Sun



Photo 80: "Tool-making mold", discovered in underground tunnel complex "Ravne" in 2007



Photo 81: Ceramic pyramid, discovered in the vicinity of the Bosnian pyramids in village Mostre, Visoko Municipality, by German archaeologists in October 2008, ornaments are triangles, carved on the walls of 4-sided pyramid with the flat top

## BOSNIAN PYRAMID PROJECT CHRONOLOGY 2005-2008

### YEAR 2005

- April 2005 – Discovery of the Bosnian Pyramid of the Sun and Bosnian Pyramid of the Moon by Semir Sam Osmanagich (more: [www.samosmanagich.com](http://www.samosmanagich.com)) during his visit to town of Visoko in Central Bosnia. He claimed that man-made structures were hidden under the soil and vegetation in Visoko Valley.
- August 2005 – Osmanagich hired contractor and geologist to perform preliminary geological survey. First results show existence of geological anomalies and paved sandstone plateau
- August 2005 – Osmanagich discovered an entrance to underground tunnel which locals called “cave”. After first prospection, Osmanagich hypothesized that huge underground tunnel network existed under the Bosnian Valley of the Pyramids. That claim was later confirmed during the excavation and cleaning process.
- October 2005 – Osmanagich published the book “Bosnian Pyramid of the Sun – Discovery of the First European Pyramid” and announced to the world existence of the Pyramids of Sun and Moon and underground tunnel network at the press conference. Local media (state news agency FENA, Daily Avaz, TV stations) and world agencies (AP, France Press, Reuters) sent the news out: first European and biggest pyramids in the world have been discovered in Bosnia.
- Bosnian Pyramid of the Sun with its height of 220 meters and Bosnian Pyramid of the Moon (190 meters) are much higher than the Great Pyramid of Egypt (148 meters) or Pyramid of the Sun in Teotihuacan in Mexico (74 meters).
- October/November – First excavations on the Bosnian Pyramid of the Sun by Osmanagich – great interest and publicity, thousands of people visiting the site
- December – Osmanagich established a non-profit and non-government “Archaeological Park: Bosnian Pyramid of the Sun” Foundation (more: [www.bosnianpyramidofthesun.com](http://www.bosnianpyramidofthesun.com)) for the archaeological research and protection of cultural heritage.
- Thousands of e-mails and support letters were received.

### YEAR 2006

- Geo-Archaeological season lasted 200 days, from April to November, and it was the biggest archaeological project in the world. Foundation employed 100 workers (experts and diggers) and hundreds of volunteers who unearthed dozens of sections on both Sun and Moon pyramid, exposing shaped rectangular stone blocks and plates. Close to 250,000 visitors came to see the excavations of the first European pyramids. Bosnian President, Prime Minister, ministers, university professors and many others extended their support.
- Several local archaeologists who never visited the site asked project to be stopped, claiming that “it was impossible that pyramids existed in Bosnia”. They seek and got the support from European Archaeological Association led by Dr. Anthony Harding, Dr. Predrag Novakovic and Dr. Blagoje Govedarica who signed several petitions to the Bosnian Government to halt the project in which they claimed that Foundation is “damaging medieval town”(?) Government formed the commission who rejected the claims as untrue and false.

- Perfect orientation of the triangular sides of the Bosnian Pyramid of the Sun (North, East-West) was determined by the State Institute for Geodesy from Sarajevo (Eng. Enver Buza). Northern side of the Pyramid perfectly matches the location of the Northern Star (error 12 seconds only, Great Pyramid of Egypt has an error of 2 minutes).
- Existence of three more pyramidal "hills" through the satellite imaging (later named by Osmanagich as a Pyramid of the Bosnian Dragon, Temple of Earth and Bosnian Pyramid of Love) by geophysicist Dr. Amer Smailbegovic. He confirmed his findings by satellite thermal analysis ("quick heat loss") and satellite radar analysis (passageways within the Northern side of the Bosnian Pyramid of the Sun).
- Municipal Department for Urban Planning in Visoko (Eng. Emir Bukurevic) confirmed that three pyramids (Sun, Moon and Dragon), when their tops are connected by line, form an equilateral triangle with inner angles at 60 degrees and distance of 2.1 km (error +/- 2%)
- Biologist Dr. Sulejman Redzic of University of Sarajevo confirmed that Mediterranean plants are found on the Bosnian Pyramid of the Sun because of higher temperature (5 degrees) – due to the hollow nature of the pyramid (existence of tunnels, inner chambers, etc.)
- Pedologist Dr. Husnija Resulovic of University of Sarajevo confirmed that lab analysis show that soil that cover the pyramid was over 12,000 years old (all scientific reports at: [www.icbp.ba](http://www.icbp.ba))
- Institute for Civil Engineering from Tuzla (run by Mr. Sci. Selim Beslagic) analyzed samples from the conglomerate blocks from the Bosnian Pyramid of the Sun and concluded that they are with superior concrete-like properties; samples of the sandstone plates from the Bosnian Pyramid of the Moon are of excellent quality as well; in both cases they were used as a construction material to build the structures
- Egyptian geologist Dr. Aly Barakat, who came through the Egyptian Government to give his opinion about the site, after 42 days he spent in Bosnia, announced at the press conference in June that Bosnian Pyramid of the Sun is the combination of natural and anthropogenic forces – man has shaped existing hill to the geometry of pyramid, with four triangular sides and later coated with stone blocks. He called it first "primitive pyramid".
- Two weeks after Dr. Barakat's announcement the meeting was held in Cairo between Egyptian Ministry of Tourism, Ministry of Culture and Supreme Council for Antiquities. On Agenda was "effects of discovery of Bosnian pyramids to Egyptian tourism". After the meeting Dr. Zahi Hawass (politically) proclaimed that "Bosnian pyramids are just the pile of rocks".
- Egyptologists Lammia El Hadidi and Dr. Muhamed Ibrahim Aly, after visiting the site, confirmed the artificiality of archaeological sites in Bosnia later that year.
- All leading world's media visited Bosnian Valley of the Pyramids and reported from the site. They noticed that finally one positive news was coming from Bosnia: CNN (breaking news for two days in July 2006, ABC aired 30-minute special in 2007, BBC had reports three times, national TV's from Germany, Belgium, Italy, Saudi Arabia, Japan, Croatia, Slovenia, etc.)

YEAR 2007

- Two entrances to the underground tunnels were discovered. Tunnels were flooded in distant past; clean up work started. For safety reasons the wooden support has been installed. Very soon it became obvious that the tunnels are built in pre-historical times. Lot of side tunnels and intersections, drywalls, megalithic blocks and carvings were discovered.
- Dr. Harry Oldifield from England filmed the electromagnetic fields in and around the pyramids with special camera for the first time in scientific research of pyramids worldwide.
- Team of four Egyptian experts officially (thru Egyptian Government) came to investigate project: Dr. Nabil Swelim (archaeologist and Egyptologist, discoverer of four pyramids in Egypt), Dr. Aly Barakat (geologist), Dr. Mona Fouad Ali (archaeologist from Cairo University) and Dr. Soliman Hamid (archaeologist from Cairo University). Conclusion after 15-day visit, which was announced publicly, was that the "Bosnian Pyramid of the Sun is the biggest pyramid in the world".
- Tumulus has been found in the vicinity of the pyramids with 20-ton stone blocks.
- Bosnian scientist Dr. Mohamed Pasic of University of Zenica completed lab testing on several dozens of block and plate samples from the pyramids and concluded that they were artificially cut, transported and installed into the Bosnian Pyramid of the Moon.
- Croatian scientist Dr. Ivan Simatovic performed geometrical analysis of the Bosnian Pyramid of the Sun proving its artificiality
- Several analysis (Gabor Szakacs of Hungary, Dr. Muris Osmanagic of Bosnia and Paolo Stekel of Brazil) claim that carvings on megalithic blocks in the underground tunnels have similarity with the oldest European writings – Runic and Glozelian
- Team from the Schmidt Institute (dr. Oleg Khavroshkin and dr. Vladislav Tsyplakov) from the Russian Academy of Natural Sciences (Moscow) performed screening of seismic fields of the Bosnian pyramids and concluded that the results could be compared to Egyptian pyramids from Giza and they were showing the results of the artificial structures
- German leading geophysicists from LGA Bautechnik Institute with Dr. Andreas Hasenstab performed geo-radar screening of the Bosnian Valley of the Pyramids finding 44 anomalies (underground passageways, paved areas, layers of stone blocks, etc.).

#### YEAR 2008

- Organic material (piece of wood) was found in conglomerate material that covered megalithic block in the tunnel. Sample was radiocarbon tested in Kiel Lab in Germany (31,000 years old) and Gliwice Lab in Poland (34,000 years old). Shocking results warned that advanced human activities were present in central Bosnia at the same time like ingenious cave paintings in Spain and France (32,000 years ago). Physicist Dr. Anna Pazdur of Poland's Silesian University announced the news at the Press Conference in Sarajevo in August of 2008
- Great number of archaeological artifacts has been found during the four years of excavations. Further cleaning in the underground tunnels confirmed huge artificial network from the pre-historical times.
- Samples of core drilling from the Bosnian Pyramid of the Sun and Vratnica tumulus have shown properties of the best quality concrete (analysis by Institute for Materials of the University of Zenica, Bosnia and Institute for Civil Engineering of the University of Sarajevo, Bosnia)

- First International Scientific Conference about the Bosnian Valley of the Pyramids was held in Sarajevo on August 25-30, 2008. More than 50 experts from Egypt (20 leading archaeologists, geologists and Egyptologists), China, Saudi Arabia, Russia, Poland, Croatia, UK, Austria, Bosnia and Montenegro concluded/recommended: (1) that the Bosnian Valley of the Pyramids is “very important archaeological locations which require further multidisciplinary research,” (2) that “Second Scientific Conference is to be held in two years that should get pyramid specialists from all over the world,” (3) “Center for Pyramid Studies is to be established in Sarajevo” and recommended (4) that “archaeological course at the graduate level is to be established in Bosnian universities as a support for the Bosnian Valley of the Pyramids project.”
- Professor of classical archaeology from the University of Alexandria Dr. Mona Haggag called this discovery “writing new pages in European and World history.”