

NEW DISCOVERY: Bosnian Pyramids Reveal the World's First Multiseasonal Solar Landscape System

Scientifically confirmed shadow relationships between pyramids throughout the entire year

Visoko, Bosnia and Herzegovina – In the April issue of the American peer-reviewed scientific journal *Archaeological Discovery* (Vol. 14, No. 2, 2026), a paper by Dr. Sam Osmanagich was published under the title:

“A Multiseasonal Solar Landscape System: Cultural and Archaeological Implications of Monumental Shadow Interactions in the Bosnian Pyramid Valley”

This study presents the first systematic evidence that the Bosnian Pyramid Valley represents a unique archaeoastronomical system operating throughout the entire annual cycle, rather than during a single astronomical event.

SCIENTIFIC METHODOLOGY

The research is not based solely on visual observations.

The analysis was conducted using:

- LiDAR digital terrain models
- precise geodetic measurements
- solar geometry
- multiseasonal field observations

The results confirm that shadow relationships between key structures are repeatable, measurable, and aligned with the movement of the Sun throughout the year.

THE BOSNIAN PYRAMID OF THE SUN AS AN ASTRONOMICAL OBSERVATORY

The data clearly indicate that the summit of the Bosnian Pyramid of the Sun served as an astronomical observatory.

From this point, it is possible to precisely track:

- the movement of the Sun
- changes in the length and direction of shadows
- interactions between surrounding monumental structures

This suggests intentional planning and the use of the pyramids as a functional astronomical system.

SPECIFIC SOLAR RELATIONSHIPS

Summer Solstice (June 21)

The shadow of the Bosnian Pyramid of the Sun forms on the southern side.

Observed from the summit of the Bosnian Pyramid of the Sun:

- the height of the shadow corresponds to the height of the western side of the Bosnian Pyramid of the Moon
- the shadow reaches and touches the base of the Bosnian Pyramid of the Moon

This phenomenon demonstrates precise geometric alignment between the two structures.

Mid-Summer (August 7)

During mid-summer (45 days after the beginning of summer), one of the most impressive relationships is recorded:

- the shadow of the Bosnian Pyramid of the Sun completely covers the Bosnian Pyramid of the Moon
- the tip of the shadow aligns with the summit of the Pyramid of the Moon

This represents the maximum solar alignment within the system.

Autumn and Spring Equinoxes

During both equinoxes:

- the shadow of the Bosnian Pyramid of the Sun approaches from the northern side of the Bosnian Pyramid of the Moon
- the height of the shadow matches the height of the Pyramid of the Moon

At the same time:

- the shadow of the Bosnian Pyramid of Love completely covers the Bosnian Pyramid of the Moon

This creates a triple interaction between three pyramids — a unique phenomenon in archaeoastronomy.

Winter Solstice (December 21)

During the winter solstice, the system remains functional, confirming the continuity of solar relationships throughout the entire year.

GLOBAL SIGNIFICANCE OF THE DISCOVERY

The most well-known archaeoastronomical sites worldwide focus on individual events:

- Chichén Itzá (Mexico) – equinox
- Stonehenge (England) – solstices
- Machu Picchu (Peru) – solstice
- Chaco Canyon (USA) – isolated solar phenomena

All of these sites mark a single specific moment in the year.

BOSNIA INTRODUCES A NEW CONCEPT

The Bosnian Pyramid Valley represents:

A MULTISEASONAL SOLAR LANDSCAPE SYSTEM

- a system functioning across multiple key astronomical dates
- interconnected monumental structures
- a landscape used as an active element of design

This is the first documented example of such a system in the world.

SCIENTIFIC IMPLICATIONS

The research findings suggest:

- a highly advanced understanding of solar cycles
- intentional spatial planning of structures
- integration of architecture with the natural landscape

This discovery opens a new chapter in the study of ancient civilizations and their relationship with cosmic phenomena.

CONCLUSION

The Bosnian Pyramid Valley can no longer be viewed as an isolated archaeological phenomenon.

It represents a complex, functional, and scientifically measurable system that tracks the movement of the Sun throughout the entire year.

KEY MESSAGE

While most ancient sites mark a single moment in the year, Bosnia records the entire solar cycle.

“This is not just a pyramid. This is a calendar in stone — operating 365 days a year.”

LINK TO THE PAPER

<https://www.scirp.org/journal/paperinformation?paperid=150925>

LINK TO THE VIDEO:

<https://www.youtube.com/watch?v=NGyppCI26W0>



Summer Solstice, the beginning of summer, June 21: The shadow of the Bosnian Pyramid of the Sun (right) reaches the same height as the western side of the Bosnian Pyramid of the Moon (left), and the shadow touches the base of the Bosnian Pyramid of the Moon.



Mid-summer, August 7: The shadow of the Bosnian Pyramid of the Sun, just before sunset, completely covers the western side of the Bosnian Pyramid of the Moon.



Spring Equinox, March 23.

The upper photograph shows the afternoon movement of the shadow of the Bosnian Pyramid of the Sun (on the left side of the Pyramid of the Moon), as well as the shadow of the Bosnian Pyramid of Love, which partially covers the western side of the Bosnian Pyramid of the Moon.

The lower photograph, taken from the summit of the Bosnian Pyramid of the Sun just before sunset, shows that the shadows align with the summit of the Bosnian Pyramid of the Moon and completely cover it.

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