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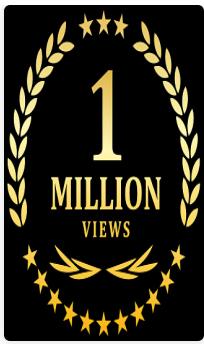
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Knowledge
Obfuscation*

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Skepticism, its
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Cultivated
Ignorance***

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Exothermic Core-Mantle Decoupling – Dzhanibekov Oscillation (ECDO) Hypothesis

Posted on May 12, 2024 by [The Ethical Skeptic](#)

The three novel hypotheses comprised by this theory are summarized in [this article](#).

It is our contention that we are now well past an Indigo Point of exothermic core-mantle decoupling, and that we have incorrectly interpreted the heat presented by this transpiration as being caused by man's activity alone. We now face the urgent need to detect the approach of a subsequent Tau Point Dzhanibekov oscillation in Earth's rotation. During such an event, the outer rotational body (ORB) of the Earth, comprising the mantle and crust, decouples from the core at the H-layer. This decoupling is central to the mediated Dzhanibekov Rotation hypothesis discussed in this paper.

For decades, I was taught to view such a rotation and its resulting inundation as impossibilities, and I believed it. However, we lack the ability to distinguish a Dzhanibekov rotation from a geomagnetic pole excursion or flip. How, then, can we be so certain? My confidence in this long-held dogma has been shaken to its core.

Decades ago, as a junior consultant still wet behind the ears, I was tasked with a project to boost the profitability of a men's apparel retailer based on Manhattan's Fifth Avenue. This brand had been a staple for nearly a century, the type of establishment likely frequented by characters from the series

*Understanding
the Hustle
Chain*

*Master
Exothermic
Core-Mantle
Decoupling –
Dzhanibekov
Oscillation
(ECDO) Theory*

*Exothermic
Core-Mantle
Decoupling –
Dzhanibekov
Oscillation
(ECDO)
Hypothesis*

*Syndicate
Science – The
Definition*

*The Wicker
Man*

*The Lyin'tific
Method*

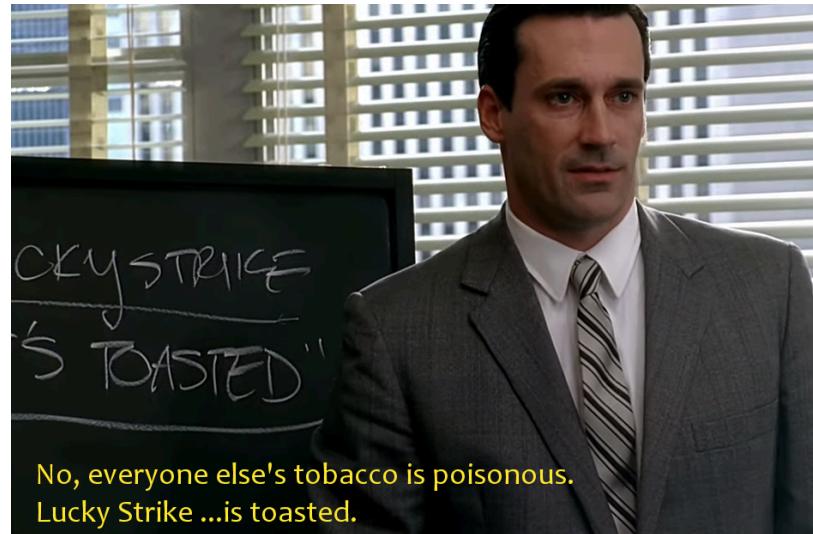
*The Conflict of
Egregore and
Tulpa*

*A Case Study in
Covid-19
Vaccine
Related Death
Certificate
Fraud*

*Original Sin –
Your Mere
Existence is
Violence*

*The Problem of
Intent*

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hour shopping sprees or a surgical strike to replace a stained or substandard shirt before an important board meeting.

D

The retailer was facing brand erosion due to decades of stodgy bureaucracy and competition from more agile newcomers on Fifth Avenue. Men's business shirts, particularly in blue and white, served as the anchor product or loss leader (when on sale) for this retail class. These shirts drew customers into the store from 10 AM to 4 PM, however the retailer was losing ground inside this segment. Sales of these staple shirts were declining, signaling broader challenges as customers took their money elsewhere.

Dressed in my best Hugo Boss suit, I spent several hours over multiple days in apparent nonchalance observing the men's apparel department. I noticed shoppers' frustration with finding the right combination of sleeve length, collar size, and button details within the brief time they allotted themselves for shopping. Typically, they had only 5 to 8 minutes to make a purchase. If they couldn't find what they needed quickly, they left without buying anything else—and more importantly, they didn't return.

To address this, I devised a nightly recovery process within the men's dress shirts department. Every night at 10:30 PM, a stocking associate used a cart I had specially designed (one offered still in retail supply catalogs to this day) to remove all

*What is
Dystinformation
?*

*'Scientific
Skeptics' Failed
Us When it
Counted Most*

*The Seven C's
of Narrative
Science*

*Appeal to
Special
Authority (The
Appeal to 'I
Am')*

*Hidden in Plain
Sight*

What is Loosh?

*Conditioning a
Truly Skeptical
AI*

*What is
Scienter?*

*Of Authenticity
The Six Types
of Valid
Anecdote*

*Amongst the
Standing
Stones*

*The Failing
Blame-Based
Model of
Spirituality*

*Information
Always Carries
Intent (Whether
Intended or
Not)*

shirts from the sales floor and take them to the basement stockroom—part of the problem as well being shirts hidden out of customer sight as a result of this very recovery issue. There, the associate would restock each 10-shirt bin in the cart, organized by size, style, and color, heel-toed, and squared to perfection. No torn bags, no jumble-folds, no out-of-place or missing product tags. At around 8 AM the next morning, the shirts were returned to the sales floor, ready for the next sales day. Every fixture filled to perfection.

Rarity can drive price, but abundance drives interest. This system ensured that every customer could find the exact shirt they needed within seconds, purchase it, and leave within 8 minutes. This change realized several key benefits: high-wage sales associates were freed up to assist customers rather than reorganize stock, customers knew they could rely on finding what they needed in short order, affording them time to think of other things they needed, and the store saw less requirement for overstock sales due to improved presentation and less hidden inventory.

A year later, the Vice President of the retailer, who had initially dismissed the idea as ‘crazy,’ called to thank me. The project had not only tripled sales and doubled store traffic during critical hours but had also increased department profitability five-fold. He had won the company’s annual award for the initiative. This experience underscored the crucial distinction in brand management of comprehending value versus cost, or seeing the forest despite the trees standing in the way.

Tree Dwellers and Tactical Fixation

No doubt, this article will be spun by science poseurs as constituting ‘conspiracy theory.’ This will only highlight the sad state of affairs within science, particularly in archaeology and Egyptology. Much of science today operates under a practice I describe as ‘linear (incremental) induction.’¹ We start by formulating an answer, which we then mislabel as a *hypothesis*. From there, we assemble a collection of

*Karahan Tepe
and The
Serpent Motif*
*The
Unbearable
Cost of
Sycophancy*
*Houston, The
CDC Has a
Problem (Part 2
of 3)*
*Houston, We
Have a
Problem (Part 1
of 3)*
*The ACAN
Problem –
When the Shit
Hits the Fan*
*King Solomon's
Lost Mine of
Ophir*
*The 'Worthless
Human' Hustle
of the Diet
Cartel*
*The Ex Post
Facto Mindset
of the Predator*
*My Most
Incredible Post-
Covid After
Workout
Recovery Elixir*
*Why
Syndicates
Trend to the
Extreme Over
Time*

observations which might appear to support or p-value our preconceived notion, while mandating that useful idiots socially discredit all competing theories or parties without substantial evidence. All the while hypocritically [bemoaning the presence of any dissent](#) inside those same social mechanisms. An example of this pathological old world syndicate elite thinking can be seen [by clicking here](#).

This constitutes a severe form of confirmation bias called in military parlance ‘tactical fixation’. Such a process is particularly vulnerable to manipulation by external influences (agency as opposed to mere bias), leading to what we referred to in a [previous article](#) as the ‘Nelsonian Ignorance Trap.’

Linear Incremental Induction (Science as a set of answers – Tactical Fixation)



However, there exists a less common yet much more potent method of discovery, which conceives of science as an evolutionary process rather than a collection of immutable truths, inductive incremental validations, and entrenched syndicates. I refer to this approach as deductive critical path science, akin to ‘working the problem’ as known in detective work or military contexts. It begins with falsification of various notions and constructs supported by weak inductive evidence, and culminates in a living, breathing, sometimes threatening, theory – as opposed to standing dogma. This version of science does not require hordes of ‘science enthusiasts’ in order to maintain the faithful inside a state of belief.

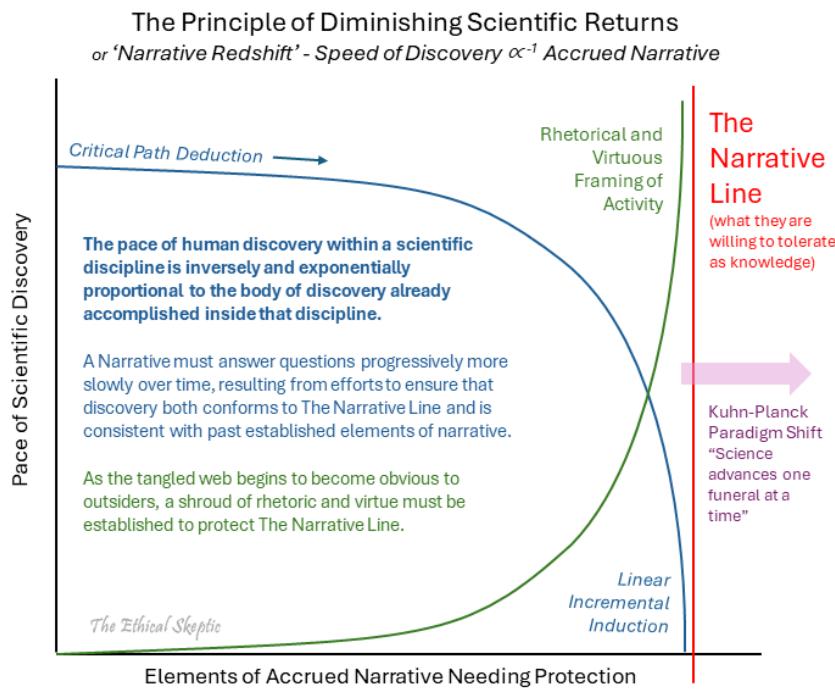
Critical Path Deduction (Science as an evolutionary process – Working the Problem)



Furthermore, peer review falls short in encompassing the essence of ‘working the problem’; instead, it often dismisses ideas perceived as unfamiliar or abhorrent by resorting to critique of tactics and trivialities. Researchers are acutely aware of this reality and as a consequence often limit their conclusions to highly constrained ‘might-be’ inference, title

*The Ethical
Skeptic's Razor*
 – *The
Antiwisdom of
Crowds*
*Ingens
Vanitatum –
Possessing a
Great Deal of
Inconsequence
or Irrelevance*
*Mere Facts &
Data Do Not
Constitute
Knowledge*
*Pollyanna's
Laws of
Science*
*OMG Not
Another
'Skeptic' Book –
The Shtick of
Canned
Conspiracy
Theory
Journalism*
*How to Detect
Propaganda –
The Art of the
Professional Lie
(Part II of II)*
*Disinformation
vs
Misinformation*
 – *Neither Can
Be Defined by
'Intent' (Part I of
II)*
*The Dunning
Line (of
Skepticism)*

their work in a manner that does not accurately represent the study's conclusions, express their findings in cryptic language, or embellish their work with excessive heuristic ornamentation —ultimately rendering peer review the epitome of conflict of interest. Many researchers have learned how to game this vulnerability.^{2 3}



The result of all this is that **Narrative Science** takes precedence over the actual scientific method, under a tenet of philosophy I call **The Principle of Diminishing Scientific Returns**. It is for precisely this reason why we often rely on Kuhn-Planck Paradigm Shifts to drive scientific advancement.

Indeed, such activity transforms into a process of 'working the solution' rather than working the core problem, thereby deviating from the fundamental principles of science. Such foible typically can only be perceived by outsiders.

Orthodoxies run anathema to innovation; they merely know how to profit from or rule through it.

Truly tackling a problem demands both deep situational awareness, along with innovative and deductive thinking from the outset. Starting the prosecution of a problem with complex

The Riddle of Sin

A Curious Astrological Confluence

The Party Rules

Sciebam – Religion with P-Values

Trouble on the Way from Notion to Inference

Where Did All the Workers Go?

The Strategic Mindset

Breaking the Spell of Adissonance

The Gray Man – Le Petit Bateau

Where Were the ‘Skeptics’?

The Distinction Between Comprehension and Understanding (The Problem of Abduction)

Denial of Early Covid-19

Treatment – A Crime Against Humanity

and precise math or heuristics indicates a fundamental misunderstanding of how logical calculus operates. As a result, peer review often functions to bolster established club doctrine and, at most, make incremental refinements to what is already deemed correct. Novel ideas often meet their demise at the hands of what constitutes merely methodically applied opinion.

The science of evolution was developed through critical path deduction for instance, while in contrast Covid-19 and climate science were promulgated through the awesome insistence of linear induction. These latter sciences have most recently failed us catastrophically.

Throughout my career, I have often been summoned to leadership roles in research and laboratory environments precisely because of this distinction: the prevalent focus on subject fixation to secure science funding contrasts sharply with the objective-driven strategy of working the problem to achieve specific goals.

Archaeologists’ unwillingness to develop any research that might remotely suggest a biblical flood or ancient aliens hypothesis has led to a compromise in the integrity of science itself. In reality, a religion is defined not by what it accepts as true, but rather by what it embargoes as unworthy.

In the example of the early-career retailer scenario I described above, my role was to work the problem, not incrementally improve the tactics. My purpose was not to produce more inductive evidence as to how correct standing theory indeed was. Standing theory had already failed miserably, and the participants therein did not perceive this. I was tasked with assessing the broader picture—the forest—rather than deepening my expertise and securing additional funding by fixating narrowly on the trees.

*Our Household
'Covid Kit' Item
Listing*

*The Riddle of
Certainty*

*Perdcent –
Opposite of the
Autodidact*

*A Dialogue in
Rhetoric*

*The Three
Types of Expert*

*China's CCP
Concealed
SARS-CoV-2
Presence in
China as Far
Back as March
2018*

*The Fabric of
Sound
(Dialectic)
Argument*

*The All-too-
Familiar Art of
Pseudo-
Argument*

*NFL Bias
Against the
Oakland/Las
Vegas Raiders*

*Eternal are the
Embers which
Conflagrate the
Library of
History*

*The Human
Haunted World
– An Equality in
Paucity*

When Working the Problem, First Seek to Falsify

When you have eliminated the impossible, whatever remains, however improbable, must be the truth.

~ Sherlock Holmes, “The Sign of the Four” by Sir Arthur Conan Doyle



Image 1 – Waterline Erosion ‘Dead Body’ Falsification

Event – Earth’s oceans have been displaced in the past, and have done so over a significant period of time (10 – 50 years). Long enough to carbonic acid dissolve the Tura limestone casing of both the [Khufu](#) and [Khafre](#) pyramids. If a hypothesis does not explain this specific Khafre erosion waterline feature conclusively, then it is not a scientific hypothesis.

Within this article, readers will be introduced to a hypothesis derived from the critical path deductive process outlined above. A deductive process is not subject to the apophenia that a linear-inductive ‘connect the dots’ approach might be vulnerable to, as deduction reduces the set of viable explanations rather than promoting a preselected one. To that end, this hypothesis represents the last idea considered, only after all other possibilities have been falsified (see Image 1). It

*The Awesome
Insistence of
Cataclysmic
Mirage Theory
(CMT)*

*The Gestalt-
Heuristic (G-H)
Gap and Its
Impact Upon
Comprehension*

*Subception –
The Invalid
Martial Art of
Skepticism*

*What
Constitutes
Belief?*

*The Sleight-of-
Hand
StageCraft of
the Debunker*

*Ethical
Skeptic's Take
on the
Preliminary
Assessment of
Unidentified
Aerial
Phenomena*

*Ethical
Skeptic's
Axioms*

*The Peculiar
Schema of DNA
Codon's
Second Letter*

*The Five
Species of
Syndicate and
Their Dissent*

is the alternative one has to be dragged kicking and screaming into objectively assessing, after every other idea has failed.

I want to make it clear that I dislike this alternative. At its heart, the hypothesis involves what is called in philosophy, an ‘unfalsifiable prediction through indefinite timing’ (Point Tau below). I dislike such notions – favoring context-and-control testable predictions as one of the [elements of true hypothesis](#). In fact, I opposed this idea vehemently for decades. Like many of my colleagues, I had grown weary of hearing Noah’s flood theories, and had attained a level of cynicism regarding the matter as well (not skepticism).

However, I was wrong – finally setting my mind to develop its probative construct (not a ‘final answer’) only after having falsified every single previously favored notion or alternative I or others could muster.⁴ Thereafter, this hypothesis exists as a probative construct – as there is no possible way for it to be 100% correct out of the box. It is a working and evolving set of ideas—thoughts that have been doggedly embargoed from the collective consciousness of science.

The majority of archaeologists lack extensive seafaring expertise and are not versed in materials science research. As someone with deep experience in both domains, the significance of what is shown in Image 1 is readily apparent to me. Moreover, if a standing hypothesis fails to address the deductive evidence shown in Image 1, it is not a scientific hypothesis – rather a political technology.

Furthermore, this hypothesis includes several predictive elements that are substantiated upon detailed examination, as will be demonstrated in the subsequent sections of this article and have been outlined in [our preceding article](#).⁵ Initially, I considered this theory extremely unlikely, comparable to the improbability of conjecturing a murder. Yet, my perspective

The Fatuous Errand of the Fact Checker

For Me to Win You Must Lose Everything

The Pitfalls of Electric Vehicles as Climate Change Panacea

Caesar's Wife Must be Above Suspicion

How to Detect a Griefer

My Take on Coronavirus SARS-CoV-2 (2019)

Post Stockholm Syndrome

The Climate Change Alternative We Ignore (to Our Peril)

Incidente en La Isleta Bermeja

Oh the Quackery!

The Distinction Between Bias and Agency

Unethical Employment of Intellectual Property

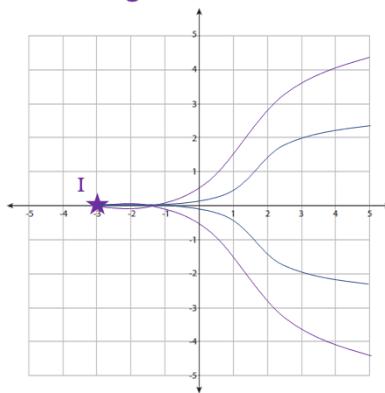
underwent a dramatic shift after inspecting the exterior of the Khafre Pyramid. The evidence I observed there was as compelling as the discovery of a dead body, motivating me to now pursue this most improbable path. Despite its initial apparent implausibility, this hypothesis presents the most robust ‘probative construct’ I have encountered regarding this topic, particularly in its description of the ‘function’ of the four ‘air shafts’ within the Khufu pyramid. This construct will continue to be modified into the future of course – but more importantly, it constitutes a paradigm shift, one which allows science to move forward and no longer wallow in appeal to authority and prior plausibility. Ockham’s razor has been surpassed, and plurality is now necessary.

One can scream all they want about how ‘experts have concluded...’. If I find a deceased individual in the living room immediately after a party, it doesn’t matter how many expert attendees testify that the party went fine; the dead body proves otherwise. Khafre’s erosion marks constitute a ‘dead body’. Khafre ocean submersion falsifies convention and serves to introduce a necessary deductive critical path construct, and absolutely everyone is ignoring this.

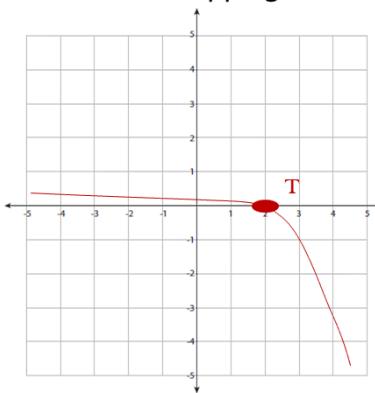
For more on this hypothesis detail, see our article [Hidden in Plain Sight](#).

The Heat Between Indigo and Tau

Point Indigo – Inflection Point



Point Tau – Tipping Point



Carl Sagan was Just Dead Wrong

The Future of Ethical Markets

Epoché Vanguards Gnosis

How to Argue Like a Child

Inflection Point Theory and the Dynamic of The Cheat

The Art of Knowing Nothing

The Scientific Method

Of Pretend Sleep and Authentic Dreams

The Earth-Lunar Lagrange 1 Orbital Rapid Response Array (ELORA)

Latest Trends in Acceptance of UFO's – Not Good News for Fake Skeptics

A Statistical Profiling of Celebrity Wannabe 'Scientific Skeptics'

Points Indigo and Tau are inflection and tipping points that I often utilize when analyzing strategies, campaigns, problems, or deceptions. The Indigo Point is a critical juncture where plans are quietly set in motion, potentially irrevocably, steering towards a predetermined Tau strike point. Although not an exact match, functionally, Point Indigo aligns with Ray Bradbury's concept of the [butterfly effect](#), where minor, early changes serve to precipitate significant later outcomes. Conversely, Point Tau resembles Malcolm Gladwell's notion of a [tipping point](#)— a moment when the issue of outcome becomes apparent and it is too late for direct intervention to alter the course of events.

Between points Indigo and Tau, the underlying process may often be concealed, with its elements considered normal, irrelevant, or mistakenly attributed to other factors. At point Tau, all hell breaks loose.

For the sake of comprehension therefore, I have chosen to present the hypothesis described here in terms of both its Indigo and cryptic inception—where actions are subtly set in motion and might even be misinterpreted or misattributed—and its inevitable Tau strike point, the culmination of the entire set of events.

A culmination of events that ancient civilizations have endeavored to communicate as they understood them, through artifacts, symbolic art, stone circles, and high altitude monuments across the millennia.

Indigo-Point Exothermic Core-Mantle Decoupling – Tau-Point Dzhanibekov LLVP Oscillation (ECDO)

Point Indigo (Construct and Critical Path) – Exothermic Core-Mantle Decoupling and Heat Transfer Inflection

This sequence of events, that we refer to as the Indigo Point set, initiates with a weakening of the core magnetic moment

The Dual-Burden Model of Inferential Ethics

The Demarcation of Skepticism

Epistemological Domain and Objective Risk Strategy

Inference of Necessity – Confirmation vs Linear Affirmation

The Plural of Anecdote is Data

A Poem of Learning

Torfuscation – Gaming Study Design to Effect an Outcome

The Roger Principle

How and Why We Know What We Know

What Happens After?

Nelsonian Inference and Cultivated Ignorance

The Map of Inference

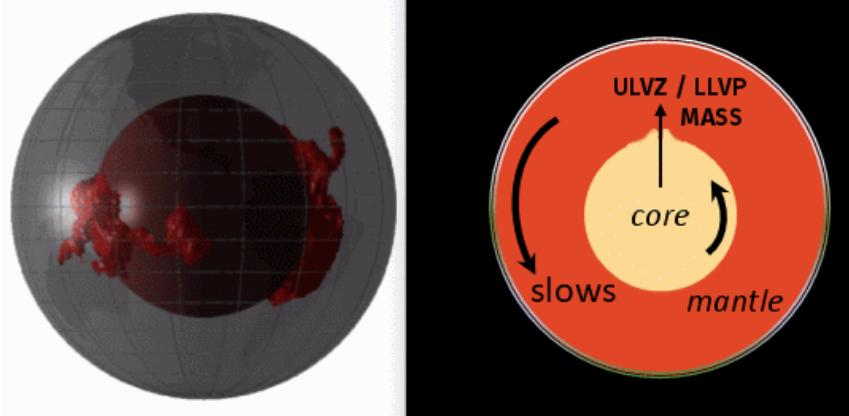


Exhibit A – Heat contribution from the core feeds into the mantle, avoiding the red-hued Large Low-Velocity-Shear Provinces under the south African continent (SAC-LLVP) and Pacific ocean (see Exhibits E and E2).⁶ As a result, these massive structures also become less dense as compared to the surrounding core-fed mantle.

and the associated core-mantle magnetic coupling, which currently influences the position of our geographic North Pole (N_p) (what we call ‘priority’). Following this, there is a transfer of exothermic heat from the core into a network of Large Low-Velocity-Shear Provinces (LLVPs) within the Earth’s mantle, with the most notable being the ‘South Africa Cusp’. This activity contributes to consistent and sometimes dramatic ocean warming, as we all observed in 2023, and also leads to the heating of the northern hemisphere tundra – with the resulting forced methane release thereby causing methane ppm’s to significantly exceed forecasts of climate models.

- A. Weakening of the core-mantle magnetic coupling (Earth’s geomagnetic moment) and North Pole (N_p) priority.
- B. Contribution of exothermic kinetic energy (heat) into the Earth’s mantle (see Exhibit E2), excluding the axially-located Large Low-Velocity-Shear Provinces (LLVP – see Exhibit E) – which become relatively lower in density as compared to the surrounding core-fed mantle.
- C. Causing dramatic ocean SST and northern hemisphere tundra warming, along with a resulting forced carbon

*Adoy's Principle
– or the
Principle of the
House Hedge*

*Rumors of
Philosophy's
Demise are
Greatly
Exaggerated*

*Heteroduction –
When Classic
Inference
Proves
Unsound*

*Distinguishing
Scientific from
Academic
Study*

*Six Vaccinial
Generation
Trends Fueled
by Concealed
Profits*

*The Hermit of
Nosnix Who
Couldn't be
Fooled*

*The Elements
of Hypothesis*

*Skeptics Need
You – But You
Don't Need
Them*

*The Apotheasm
Makes the
Poison*

*Embargo of
The Necessary
Alternative is
Not Science*

dioxide and methane release.

Most of this Indigo Point chain of events is outlined in our article [The Climate Change Alternative We Ignore \(to Our Peril\)](#). It is also summarized in [this graphic](#).

Point Tau (Prediction) – True Polar Wander Event – Gyroscopically Mediated Dzhanibekov Decoupling Tip-In (104° flip along the 31° E Meridian)

In our continue d expansion of the ECDO theory, a critical tip-in, or Tau Point, manifest s with a significa nt

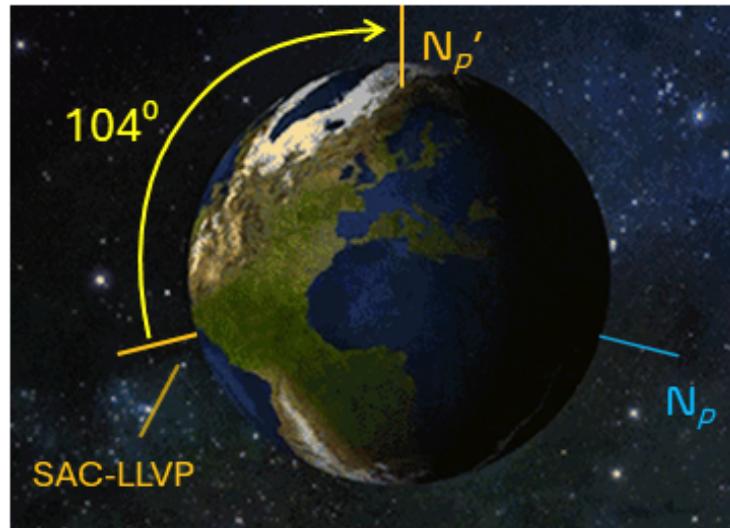


Exhibit B – Conceptual Dzhanibekov Rotation based upon the ECDO Theory and established LLVP lower density axes within the Earth's mantle.

geological event. This pivotal occurrence involves the substantial contribution of heat from the phase state change of hexagonal close-packed iron (HCP-Fe) into the entire Earth's mantle, save for the South Africa Cusp and Pacific Large Low-Velocity-Shear Province (LLVP) group of mantle formations (left side of Exhibit A above). This infusion of dense, metallic mass at a key geodynamic nexus is hypothesized to catalyze an increasing gyroscopic moment commensurate with a reduction in the geomagnetic permeability of the Earth's core. The geographic North Pole (N_p) is theorized to realign to a new position, designated as N_p' in Exhibit B to the right, which is projected to occur along the 31° East Meridian—a line of

*The Essential
Mind of the
Religious Pitch*

*The
Contrathetic
Impasse – Key
Sign of Heavy-
Handed Agency
at Play*

*Exotic Nature of
FRB 121102
Burst
Congeries*

*The Spectrum
of Evidence
Manipulation*

*Narrative Ninny
– The Opposite
of a Conspiracy
Theorist – But
Even Worse*

*Meta-Ethical
Praxis of
Science*

*Reduction: A
Bias for
Understanding*

*The Fermi
Paradox is
Babysitting
Rubbish*

*Ten Common
Misconceptions
About Science*

*The Lyintific
Method and
The Ten
Commandment
s of Fake
Science*

longitude notably shared with the ancient and enigmatic Khufu Pyramid. This realignment, shifting approximately 104 degrees, represents a dramatic reorientation of the Earth's rotational axis, or what it called a True Polar Wandering (TPW) event,⁷ underpinning the transformative implications of the ECDO theory at this Tau Point.

D. Once past a specific threshold of reduced magnetic moment, the core-mantle magnetic coupling gives way to a gyroscopically mediated form of Dzhanibekov rotation from N_p to N_p' (104° along 31° E longitude – the same meridian as the Khufu Pyramid).

The H-layer of the core accelerates its exothermic sloughing, and this material-shedding effect serves as a kind of 'infinite lubricant' between the core and the mantle, allowing the two bodies to rotate independently (as shown in Exhibits J and J2).

It is our contention that we are now well past Point Indigo in this process, have incorrectly interpreted the heat presented by this transpiration as being caused by man's activity alone, and now face a need to detect the approach of a Point Tau Gyroscopically Mediated Dzhanibekov rotation.

This broaches the question, How does one go about detecting the onset of such an event?

Dzhanibekov Dynamics and Rotation



Panduction:

The Invalid

Form of

Inference

*Malice and
Oppression in
the Name of
Skepticism and
Science*

*Epoché and
The
Handedness of
Information*

*Ketosis Lab
Notes –
Mitochondrial
Suppression
Disorder*

*Quashing Study
of Ancient
Artifacts
Violates a Basic
Human Right*

*Abuse of the Ad
Hoc ‘Fallacy’*

*Interrogative
Biassing: Asking
the Wrong
Question in
Order to Get
the Right
Answer*

*No You Are Not
a Critical
Thinker*

*When
Skepticism is a
Symptom of
Cognitive
Impairment*

Exhibit C – Pure Dzhanibekov Effect on a symmetrical object rotating in space. Rotation around its intermediate axis forces a flip in the axial dynamics.⁸

The Dzhanibekov Effect, also known as the tennis racket theorem, refers to a phenomenon observed regarding rotating bodies in space, where an object with three distinct momenta of inertia (axes of rotation) behaves in a counterintuitive way when rotated. Discovered by Russian cosmonaut [Vladimir Dzhanibekov](#) while in Earth orbit, the effect became particularly famous after he observed a wingnut flipping unexpectedly when spun.

The effect occurs because the intermediate axis theorem states that rotation around the object's intermediate axis (neither its maximum nor its minimum inertia axis) is unstable.⁹ When an object such as a tennis racket or a wingnut is tossed with a spin around this intermediate axis, it eventually flips around, rotating about the other axes, leading to a sudden and unexpected shift in orientation.¹⁰ This surprising behavior highlights unique stability characteristics in rotational dynamics, particularly in the microgravity conditions of space.

While our theory references the Dzhanibekov Effect, it is crucial to understand that Earth's real three PIM-axis body application (see Exhibit C2 to right) diverges in part from the classical three-axis definition observed in space (Exhibit C).¹¹ Our model does not strictly adhere to the traditional Dzhanibekov Effect definition, where an object flips 180 degrees due solely to rotational instability around its intermediate axis (Exhibit C above). Instead, we explore how similar principles could influence Earth's rotational dynamics under different conditions, specifically,

1. a reduction in the geomagnetic coupling between the Earth's core and its mantle as the core's geomagnetic moment, which helps to keep the present polar rotational axis as priority, fades,

Parents' Basement Skepticism
No You Are Not a Scientist
The Nature of Elegance
On Ignosticism
When Simple is Just Simply Wrong
Singularity
Covenant – The Brane and The Bull
Plural Arguing – I am Not Convinced That Even You Believe You
The Riddle of Skepticism
Critical Attributes Which Distinguish the Scientific Method
It Does Not Take a Conspiracy
The Role of Critical Path in Logic, Systems and Science
A Handy Checklist for Distinguishing Propaganda

2. destabilization caused by the Earth's hotter mantle versus less-dense Large Low-Velocity-Shear Provinces (LLVPs), and in particular the center of low-mass in the South Africa Cusp LLVP. This core material infusion can potentially polarize the Earth's rotational momentum, leading to significant shifts in the planet's rotation around its maximum axis (the remaining dense mantle), and
3. a gyroscopic 104 degrees (relative to the current polar axis, see Exhibits H and J) mediation of the Dzhanibekov effect—not the 0 to 180 degrees typically illustrated in simpler physical models (Exhibit C).

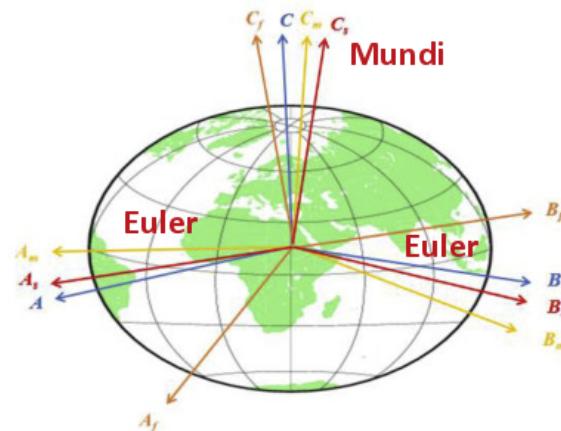


Exhibit C2 – Mundi and Euler Dense

Axes – contrast sharply with the LLVP axis we estimate (extracted from the cited Wenying, et al. *Geodynamics* 2020 study).

This adjustment in our theoretical approach highlights the unique application and adaptation of rotational dynamics principles to the geological and magnetic complexities of Earth's interior. The theory thus introduces the terms 'dynamics', 'mediated', and 'rotation' to describe these complex interactions rather than a direct 'effect' in terms of Dzhanibekov's observation with regard to rotating 3-axis bodies.

Large Low-Velocity-Shear Province (LLVP) – Earth's Hidden Gyroscope

Large Low-Shear-Velocity Provinces (LLVPs) are significant geophysical features located deep within the Earth's mantle, particularly at the boundary with the core, ranging upwards

from Actual

Science

The Opposite of

Skeptic:

Apparatchik

The Dark Side

of Doubt

Vaccinials –

The Betrayed

Generation of

Americans

'Anecdote' –

The Cry of the

Pseudo-Skeptic

42 Critical

Knowledge/Exp

erience

Qualifications of

a Philosopher –

Ancient or

Modern

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Pseudo-Theory

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Science Proves

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The New

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Pseudo-Skeptic

Sleuth

The Appeal to

Fallacy

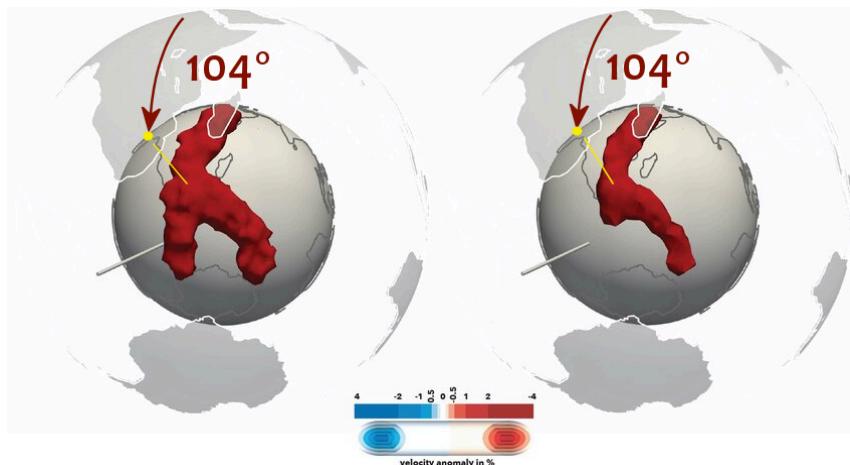


Exhibit D – South Africa Cusp – Large Low-Velocity-Shear Province (SAC-LLVP) tomography structures (red) and centroid (yellow) at the southern tip of the African continent. The lighter axial centroid of the SAC-LLVP aligns precisely with the 31st East Meridian, which also passes through the Giza Plateau—positioned 104 degrees offset from the current North Pole.¹²

towards the asthenosphere of the Earth, to around 2,900 kilometers below the surface. These regions are differentiated by their seismic properties; specifically, seismic waves travel through these structures at slower speeds as compared to surrounding materials. This anomalous behavior suggests that LLVPs are both hotter and less dense than the majority of the Earth's mantle.

There are two primary LLVP structures, which we refer to herein as 'SAC' for South Africa Cusp, and 'PAC', for Pacific. Both are rather massive, about twice the size of our moon, and constitute a sizeable differential in terms of georotational mass moment.^{13 14}

Bear in mind that the Earth's mantle is anisotropic, while most of our tomography and science concerning mantle density and specifically Large Low-Shear-Velocity Provinces (LLVPs) has been developed within the last decade.

The Eagle, the Ape, the Horse and the Lion

Denial and Pseudo-Skepticism are Not the Same Thing

Intuitionism: Inference versus Impulse

The Three Types of Reason

Ethical Skepticism – Part 9 – Skeptive Dissonance

Sign Posts on The Road Less Traveled By

Ten Reasons People No Longer Find Skeptics Credible

Formal vs Informal Fallacy and Their Abuse

Proof Gaming

Discerning Sound from Questionable Science

Publication

The Tower of Wrong: The Art

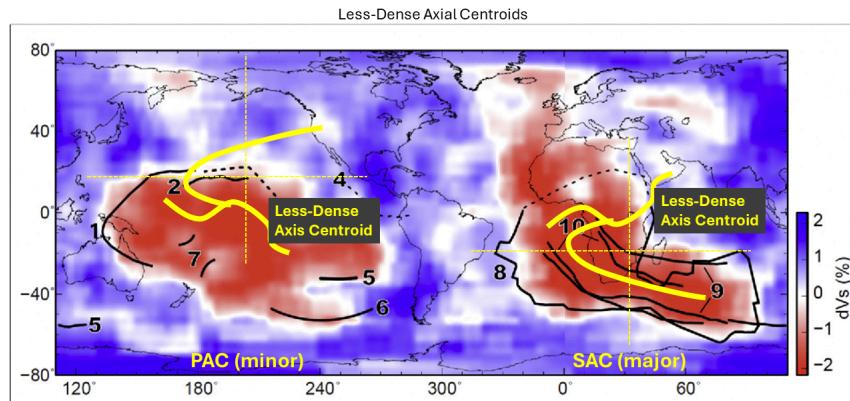


Exhibit E – LLVP Formation Less-Dense Axial Centroids

– align at the 30°E/150°W meridians, while being 104 degrees offset from the current North Pole, inside the south tip of the African continent.¹⁵ Chart is from the referenced McNamara, et al. study, however the yellow and text annotations are ours.

The two LLVP structures are found beneath Africa and the Pacific Ocean – acting like low-density poles along a kind of gyroscopic axis of their own within the Earth's mantle. They are massive in scale, each covering a substantial portion of the lower mantle. These formations are regarded to be potentially less dense than the surrounding mantle matrix. While in contrast, the orthogonal (90-degrees of longitude offsets – 30°E – 120°E – 150°W – 60°W) below-identified Euler axes are denser and vary little in their relative density to each other (Δ PIM (A, B, C) = .35%).¹⁶ We believe this interleaving of heat and low density zones, by the 90-degree intervals depicted in Exhibits E and E2, to be no coincidence.

Thus, there is a clear perpendicular relationship between the True Polar Wander (30°E and 150°W meridians) great circle and ENSO geothermal heating along the orthogonal Euler Axes (120°E and 60°W meridians) great circle.

Moreover, these Euler Axis geographic points both reside at the east and west centroids of sustained oceanic heating (ENSO or El Niño-Southern Oscillation events). We conjecture

*of Professional
Lying*
*The Ten
Indicators of
Methodical
Genocide*
*A Word About
Polls*
*And I Have
Touched the
Sky: The
Appeal to
Plenitude Error*
*Contrasting
Deontological
Intelligence with
Cultivated
Ignorance*
*Nurturing the
New Mind: The
Disruptive
Nature of Ethics*
*The Warning
Indicators of
Stacked
Provisional
Knowledge*
*The Nine
Features of
Great
Philosophy*
*Spotting the
Humpty
Numpty*
*The Joy of
Sleight-of-Hand
Manipulation*
*Differentiating
Scientific
Literacy from*

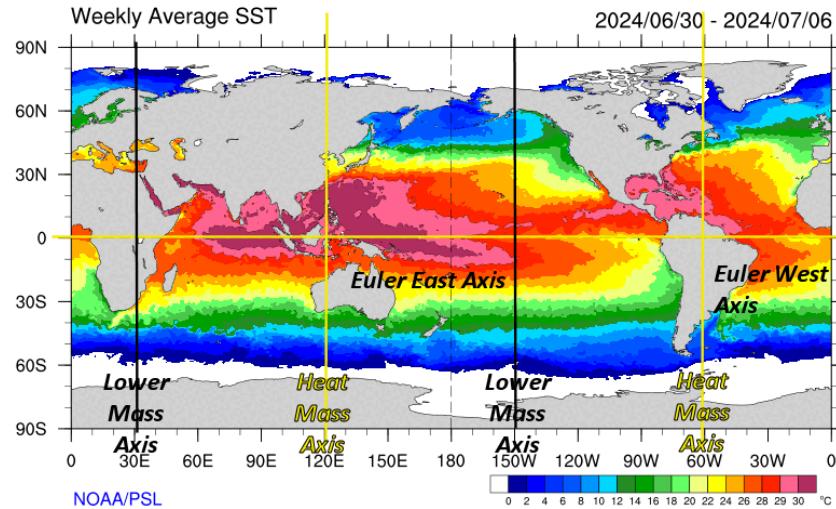


Exhibit E2 – Contrasting Orthogonal Euler Axis Heating

Centroids – align at 120°E/60°W longitudes. Oceanic heating centers on these East and West Euler Axes, which we also identify through other analytical approaches later in this article.¹⁷

that this heat originates from the latent energy of phase-changing core hexagonal closepack iron (HCP-Fe) being introduced from the Earth's core and into its mantle.¹⁸

This mass adds to the overall mass of the maximum moment inside the Earth's 3-PIM rotational body, helping to precipitate a True Polar Wander event. The LLVP formations in contrast (Exhibit E), serve as a minimum axis, with the rest of the mantle forming a hot 3-PIM maximum-axis set (Exhibit E2). When combined, these serve to gyroscopically compete with the magnetically coupled axis, as well as mitigate a pure 180 degree Dzhanibekov rotation departure from that geomagnetic axis.

As can be seen in Exhibit E, the central part of the African Large Low-Shear-Velocity Province (LLVP) lies beneath south tip of the African plate, with hotspots appearing to concentrate along the LLVP's boundary. In the mid-mantle, seismic tomographic models reveal broad slow seismic wavespeed anomalies beneath the African craton,¹⁹ commonly interpreted to be heat plume upwellings from the outer core.²⁰

Social
 Propaganda
 How
 Glyphosate
 Practices Serve
 to Increase Our
 Diet Risk
 Exposure

Lies of Which I
 Disabused
 Myself Along
 the Way

Islam,
 Corruption and
 Socialism All
 Relate in Direct
 Proportion to
 Human
 Suffering

Ethical
 Skepticism –
 Part 8 – The
 Watchers Must
 Also Be
 Watched

What
 Corporations
 Do When
 Bankrupt of
 Ideas/Ethics

The Inverse
 Problem and
 False Claims to
 'Settled
 Science'

Abuse of the
 Dunning-Kruger
 Effect

The War
 Against
 Supplements

Take note that the African LLVP tapers with both the Rift Valley, as well as the 31st East Meridian through the Giza Plateau. This is significant.²¹

Exhibit F below shows a conceptual depiction of this minimum/maximum gyroscopic axis formed by the two LLVPs. It is extracted from the referenced Cottaar, et al. study, with our annotations shown in yellow and blue text/lines.

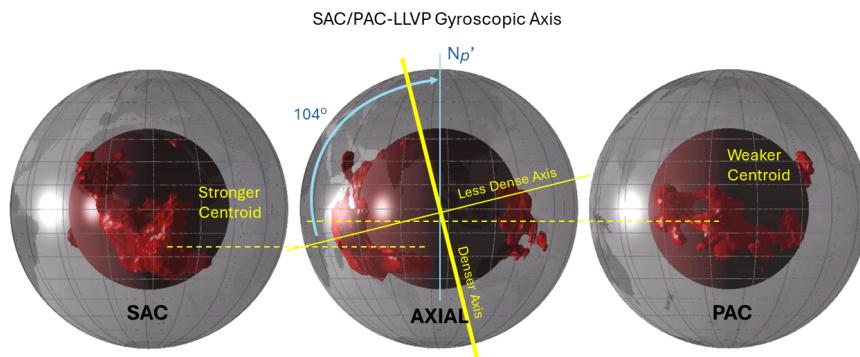
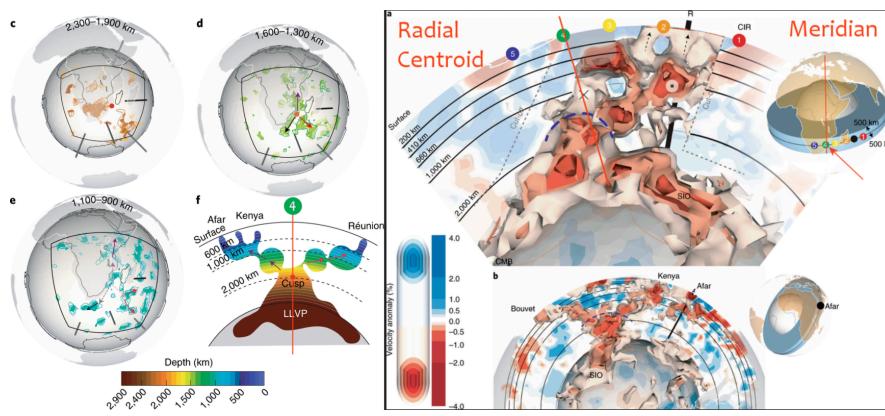


Exhibit F – Moment Map of Earth's Hidden Gyroscope –
 Three perspectives of the LLVP structures under Africa and the Pacific, along with a conceptual depiction of the axis of gyroscopic moment (thick yellow line) based upon the South Africa Cusp centroid of the African LLVP.²²

However, in the interest of precision, let's examine a more objective and recent (2021 tomographic) measure of the geographic position of the South Africa Cusp – Large Low-Velocity-Shear Province (SAC-LLVP). In the extracted Exhibit G below, from the referenced Tsekhmistrenko, et al. 2021 study, one can observe the intersection of the cusp's radial centroid and the 31° E Meridian.



*Continues to
Revel in
Harmful
Pseudoscience*

*Ethical
Skepticism –
Part 7 – The
Unexpected
Virtue of Allow-
For Thinking*

*Never Never
Land: Where
we Send our
Vaccinial
Generation to
Forget They
Even Exist*

*The Skeptic's
Guide to
Dismissing
Public Claims
of Illnesses*

*Foundation
Works on
Ethical
Skepticism*

*Deception
Through Abuse
of the Post Hoc
Ergo Propter
Hoc Fallacy*

*Major Flaws
Within the
Neurodiversity
Movement*

*When
Observation
Gives Way to
Data-Centric
Only Science
We All Lose*

Exhibit G – South Africa Cusp Radial Center of Mass –
2021 tomography indicating the geographic position of the South Africa Cusp – Large Low-Velocity-Shear Province (SAC-LLVP). Please note that the red lines and annotations ‘Radial Centroid’ and ‘Meridian’ are our added highlights.²³

The reader should note that, while the longitude of point 4 (green ball) on the chart shown in Exhibit G above is arguably the 31st East Meridian, the same one upon which Giza is located, there exists a range of latitude inside which a center of LLVP lower density might be assigned. The north-south placement could range from 8 to 18 degrees south latitude. We chose 104° (103.5° +/- 1° or 13.5° South Latitude) for consistency in the specific scenario of conjecture here. As well, this angle corresponds to 90 degrees of cardinal rotation through Dzhanibekov effect, combined with a very reasonable and common 14 degrees of gross (not longitude dependent) magnetic pole variation (angle between core magnetic and rotational poles – under the same definition convention used in celestial navigation). Thus, one should note that this in no way constitutes a petitio principii appeal.

Furthermore, regarding the argument of a ‘lack of recorded history’ for such Dzhanibekov shifts, consider this: if the Earth’s geomagnetic core maintained its current orientation while a Dzhanibekov rotation occurred in the mantle and crust (Exhibit I below), such an event would be interpreted as a geomagnetic pole excursion in the field of paleomagnetism. This is due to our current methods of measurement. Over a prolonged period, we would not have the means to distinguish between a Dzhanibekov rotation and traditional geomagnetic pole shift (see note²⁴). Moreover, during a short Khafre-styled reversal of say 10 to 50 bitter cold, dark, and wet years, we might not be able to detect such a Dzhanibekov rotation at all, even in ice cores.

We posit therefore, that the centroid of the South Africa Cusp serves to act as the minimum gyroscopic-Dzhanibekov axis

*When a Social
Skeptic Claims
to be ‘Science
Based’*

*Garbage
Skepticism: The
Definition*

*The
Correlation-
Causality One-
Liner Can
Highlight One’s
Scientific
Illiteracy*

*Irish Pennants:
The Nature of
Flawed versus
Sound
Definitions*

*The Nature of
Argument*

*The Ethical
Skeptic’s
Argument
Assessment
Checklist*

*No Promenade
in the Savage
Dance*

*The Kuhn-loss
Interplay of
Scientific
Revolution and
Resilience*

*The Warning
Signs that a
Social
Epistemology is
at Play*

*Islam Judaism
and*

point during a decoupling of Earth’s mantle and core, serving to potentially rotate the Earth’s gyroscopic mass along a new geographic axis of Earth rotation (N_p'), with the center of less-dense mass of the South Africa Cusp now pointing directly at the celestial North Pole (Polaris, Ursa Minor, etc.). The gyroscopic plane of higher mantle mass therefore would reside perpendicular to the LLVP axis, as depicted in Exhibit G above. The old geographic axis of Earth rotation (current ‘North Pole’) is also marked (N_p).

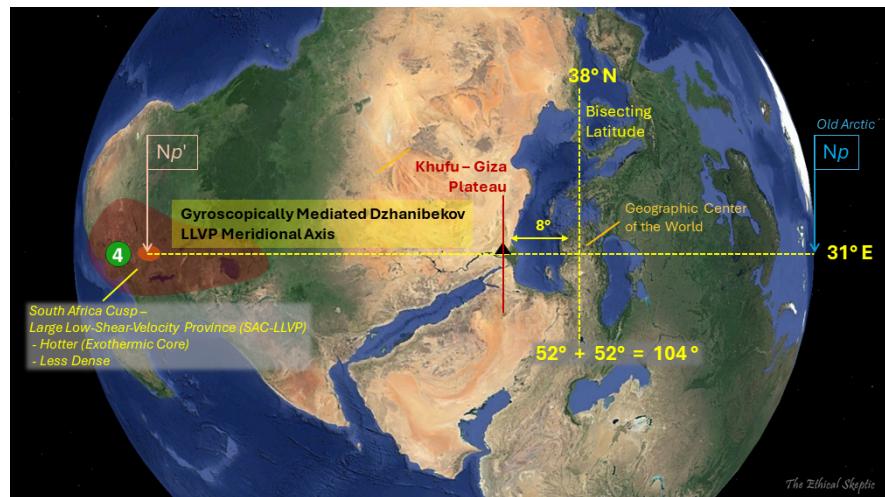


Exhibit H – Dzhanibekov SAC-LLVP longitudinal (meridional) center of cusp (less dense mass) in relation to the Giza Plateau meridian and North Pole. 104 total degrees, bisected with a mid-point in central Turkey – which just happens to also be the Geographic Center of the World.²⁵ This is no accident. This serves as the basis of an authentication, which will be examined in Exhibit L below.

*Of a most curious note, 31° East, 38° North, the bisecting latitude location in Exhibit H above, which matches the Queen’s Chamber on the right side of Exhibit L below – was regarded by the ancients as *The Geographical Center of the World* (until update by computers in 1973).²⁶ This explains why the two sets of star shafts in Exhibit L are depicted for this location in central Turkey, and for Giza. This is not a coincidence.*

*Christianity:
Time to
Remove and
Renounce Your
Holy Verses
Celebrating
Violence*

*The Celeber
Cavilla Fallacy*

*Are You a
Cynic? You
Might be
Surprised*

*The Best Snake
Oil is One You
Don't Even
Realize is
Being Peddled*

*Ethical
Skepticism –
Part 6 – Say
What You Mean
and Mean What
You Say*

*No, I Won't
Back Down*

*The Dark Side
of SSkepticism:
The Richeliean
Appeal*

*On Being a
Young Person
Contemplating
Joining a Faith*

*SSkeptic
Weapon Word
Top 25*

*The (Ethical
Skeptic)
Definition of
God*

The principle shown in Exhibit H above is developed in terms of the physics of rotating bodies below. The special form of rotation proposed by this article, we call a Gyroscopically Mediated Dzhanibekov Rotation (last scenario on the right in Exhibit I below).

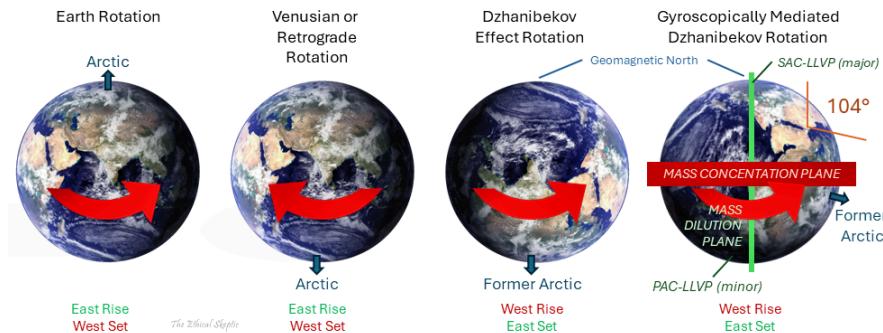


Exhibit I – Gyroscopically Mediated Dzhanibekov Rotation

– not a retrograde rotation. What we postulate is a modified pure Dzhanibekov Effect rotation (Exhibit C), which does not complete fully – being mediated by the gyroscopic effect of the differential mass planes between the LLVP less dense axis versus the more dense surrounding mantle. This more dense body serves as a form of gyroscopic wheel, forcing the Earth's rotation to conserve momentum by taking on a gyroscopic stability priority, and neither a core-mantle coupled nor pure Dzhanibekov rotation. Note that the first two rotation concepts adhere to the 'right hand rule' of 'Arctic' polar definition. The latter two indicate the 'former Arctic' in each scenario.

Key inference to be taken from the rightmost two images of Exhibit I above: The science of paleomagnetism possesses no method to detect a Dzhanibekov rotation, as distinct from a geomagnetic pole excursion or flip. So an appeal to ignorance here, is worthless.

Now, let's take the modified scenario at the right end of Exhibit I above, and arrange it into the graphic extracted from the Cottaar, Lekic, et. al study which we examined in Exhibit F earlier.

*Deconstructing
the Rhetoric
around What
Constitutes
Pseudoscience*

*Gaming the
Lexicology of
Ideas through
Neologism*

*Popper
Demarcation
Practice and
Malpractice*

*The Art of
Rhetoric
How You
Persuade
Makes All the
Difference*

*How You Say It
Makes All the
Difference*

*Corber's
Burden of
Skepticism and
The Omega
Hypothesis*

*The Burden of
Proof (in
Gumballs)*

*Oh, Those
Darned
Narcissists*

*The Five Types
of Null
Hypothesis
Error*

*Wittgenstein
Error and Its*

Gyroscopically Mediated Dzhanibekov Rotation

Appears as a geomagnetic pole excursion in cyclostratigraphic data

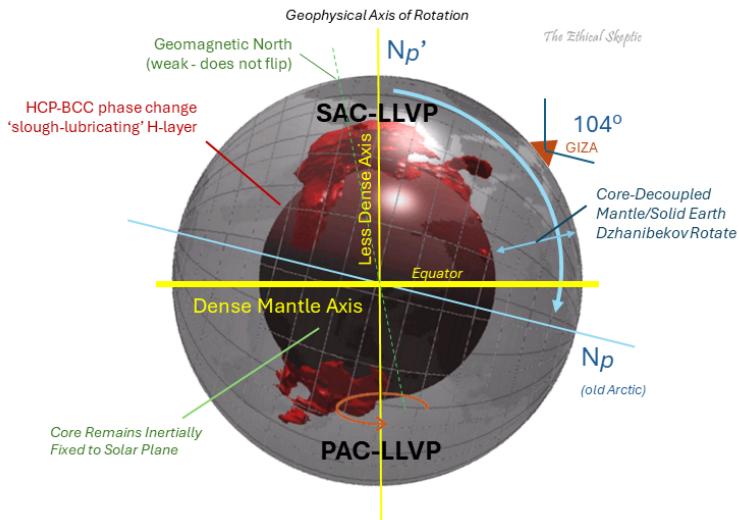


Exhibit J – The Solution – Internal schema of core, mantle, SAC-LLVP, and PAC-LLVP in relation to the Gyroscopically Mediated Dzhanibekov Rotation – which we contend results in the 104-degree angles documented regarding the shafts running out of both Khufu Pyramid main chambers.

The reader should note that in this scenario, geomagnetic north has not moved; rather, it is the mantle, asthenosphere, and lithosphere (crust) that have undergone rotation. The sloughing of the H-layer acts as a lubricating mechanism between the core and the mantle, facilitating this process, much like applying duct tape to a ball of melting butter—it simply won't adhere.

Earth's core remains in its same stable rotation – albeit bearing a weaker magnetic moment, and with a slightly lower total mass. The H-Layer affords the disconnect between the mantle and core's rotating masses. We address the combined mass of the mantle and crust (mesosphere, asthenosphere, and lithosphere) as the outer rotational body (ORB), for short.

With 'The Solution' identified now in Exhibit J, forgive me, dear reader, as I must ask you to endure one more complex graphic. This graphic describes the entire set of physics behind the oscillation (repeating cycle) of Dzhanibekov rotation. Exhibit J2 below presents the pair of Earth rotational

Faithful Participants
 Rationality is Not What False Skeptics Portray
 The Rising Age of the Cartel: Your Freedoms Were Simply an Experiment
 A Mediocracy in 4.0: Discounting College Acceptance Aptitude Testing is a Grave Error
 Aristotle: Discerning the True Skeptic
 Why Sagan is Wrong – The Fake Skeptic Detection Kit
 If the New Religiously Unaffiliated are Not Choosing Atheism, Then Just What are They?
 Diagnostic Habituation Error and Spotting Those Who Fall Its Prey
 Nihilism's Twisting &

conditions and further outlines the physics involved in each state: Geomagnetic Priority and Gyroscopic Priority.

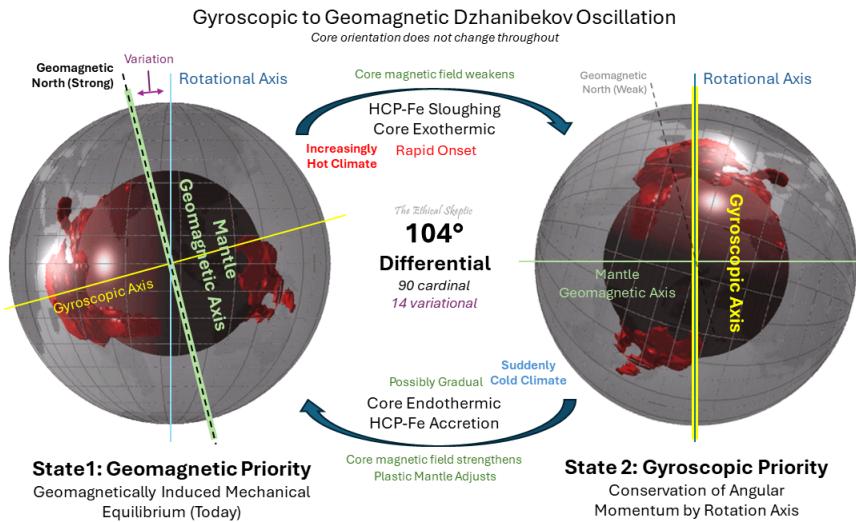


Exhibit J2 – The repeating cycle of core exothermic sloughing followed by subsequent endothermic accretion creates a repeating oscillation based on the variable strength of the geomagnetic moment of the Earth's core (green annotation in Exhibit J2). This process operates through the Dzhanibekov effect and the Earth's mantle's gyroscopic angular momentum. We speculate that the process of moving from State 2, Gyroscopic Priority, back to State 1, Geomagnetic Priority, may involve a plastic-mantle tectonic height readjustment and gradual settle-in process, however involving a relatively sudden cooling event at the point where the core recaptures its HCP-Fe lattice integrity.

State 1: Geomagnetically Induced Mechanical Equilibrium (Core-Mantle Coupled)

- Description: In this state, the gyroscope's axis of spin is aligned with the applied magnetic field, and the weighted wheel is not rotating around the spin axis. The system is stable due to the magnetic forces, resulting in a balanced, equilibrium state.

State 2: Conservation of Angular Momentum by Rotation Axis (Core-Mantle Decoupled)

Turing Denial of Free Will

The Deontologically Accurate Basis of the Term:

Social Skepticism

Have You Grown Weary of This? There is a Better Path

A New Ethic

Why I Don't Golf

The Lifecycle of Fake Skepticism – What's the Harm?

An Internet Pre-filtered by Authorized Knowledge is a Mistake

The Misrepresented and So Called 'War on Science'

Yes Skeptics Have a PR Problem – Social Skeptics

When Consensus is Nothing But Pluralistic Ignorance

The Sorwert Scale of Fake

- Description: When the external magnet is removed, the gyroscope wheel returns to its plane of rotation (which has not changed in either State). In this state, the gyroscope conserves angular momentum through its rotational axis, with the magnet decoupled, allowing the rotational motion to resume.

This plausible (or arguably probable) oscillation, along with the mythic traditions of over 20 cultures, serve to broach the critical path question: Why does such an event not show up in the paleomagnetic or ice core sample data?

A Geologic Appeal to Ignorance

While researching this issue, I found that most paleogeomagnetic dipole moment studies unfortunately reside behind annual subscription paywalls.

Nonetheless, I discovered that the typical precision level of these studies is on the order of two to four thousand years at best.²⁷

Nonetheless, the bottom line is this: aside from the Leschamps excursion event 41,000 years ago, we lack strong differential data (unique from static measures) on the history of Earth's dipole moment. However, what macro-scale data we do have links mass and large-fauna extinctions with dipole phenomena at the very least.

From what we know about field strength through time, over the last hundred thousand years, there does appear to be a linkage between extinctions and low geomagnetic field strength.

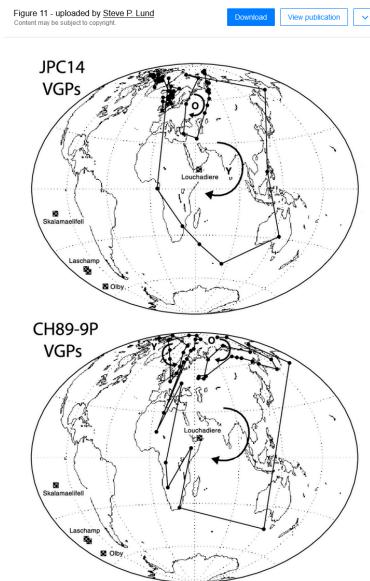
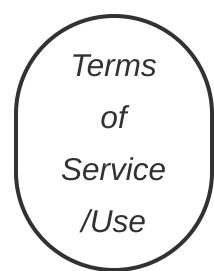
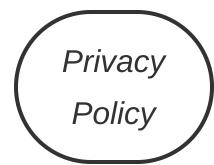


Figure 11 – Lund Study on Geomagnetic Excursions

[Skepticism](#)
[The Critical
Role of](#)
[Sponsors in the
Scientific
Method](#)
[An Official
'Thank You' to
Science Based
Medicine](#)



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~ James Channell, University of Florida Geologist,
NPR²⁸

It is worthy to note however, that two recent geomagnetic excursions, the 41,000-year-old Laschamp Event (JCP14 in Figure 11) and the 187,000-year-old Iceland Basin Excursion (CH89-9P in Figure 11) paleomagnetic core records, followed a Virtual Geomagnetic Pole (VGP) progression that conformed to the 31st Meridian polar shift conjectured in this article. See both progressions in Figure 11 from that study, to the right. Notice that both excursions followed the same geographic route, which was drawn to the SAC-LLVP Cusp as each event progressed, eventually reverting back to State 1 along the 31st Meridian.²⁹

Note as well that each of these excursions initiated with a change in geomagnetic pole geographic location, starting from Canada and moving into Russia, a pattern that also began for our modern era in 1973.

As well, it is important to note that, under this hypothesis, the period during the shorter duration of State 2 does not constitute 'business as usual, just upside down.' The pronounced volcanic activity and ocean displacement would make the world a cold, wet, and dark place during the intervening years of decoupled rotation. In other words, Greenland, Antarctic, and Lake Vostok ice cores and the resulting accelerated carbon-14 deposition rate may not clearly reflect the net impact of such a short and cold rotation period. I tend to place more inferential confidence in human myth with corroborating physical evidence to the presence (Euler Axis desert hashmarks), than in the mythological precision of a smoothed index suggesting an absence.

Earth Bears the Euler Axis Hashmarks

Finally, below is a short video illustrating the concept of the Mediated Dzhanibekov Oscillation between Geomagnetically

Induced Mechanical Equilibrium (State 1) and Conservation of Angular Momentum by Rotation Axis (State 2). Special thanks to Craig Stone at nobularart.com for developing this video. Before proceeding to the next section, please pay particular attention to the location and celestial pole angles of the Great Pyramid at Giza depicted in the video.



Exhibit J3 – Mediated Dzhanibekov Oscillation with the rotational north axis cycling between 90° North (State 1) and 14° South (State 2) latitude (104 degrees) along the 31st East Meridian of longitude. The lever driving this cycle is the strength of the core's magnetic moment. We currently rotate in

State 1, with a strong-but-diminishing geomagnetic moment. The only thing in the video which differs from the hypothesis presented in this article is that the core of the Earth would not Dzhanibekov rotate with the outer rotational body (ORB = mantle + crust). It would continue to rotate as it does in State 1.

The ECDO rotation shown in Exhibit J3 is consistent with the major oceanic-inundation desert formations across the globe, including the [Gobi Desert](#), [American Southwest](#), [Great Victoria Desert](#), [Patagonia](#), and the [Sahara Desert](#).^{30 31} The Arabian Desert may well have occurred as the result of a settle-in process unique to the [Arabian Tectonic Plate](#) after or during return to State 1. Hence the seemingly more recent [receding shorelines back to the Persian Gulf](#).

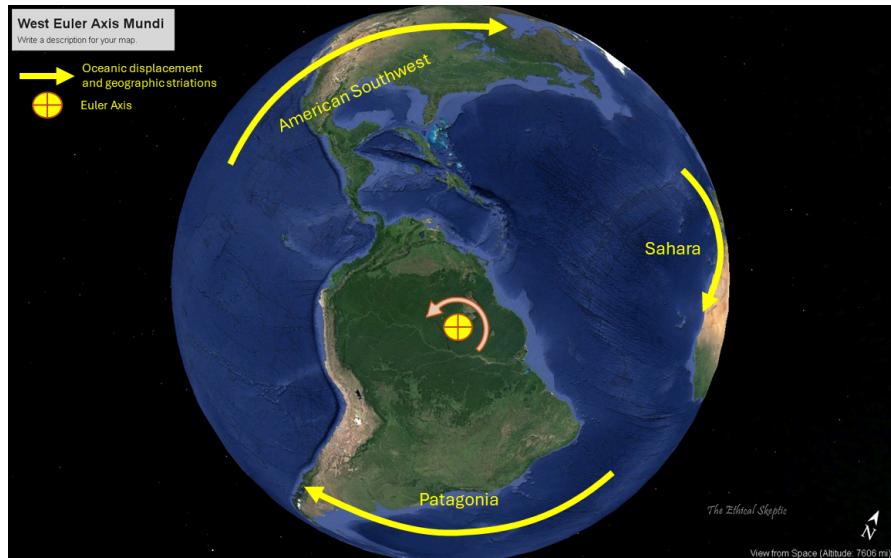


Exhibit J4 – Euler Axis Mundi West – the axis around which the Earth would temporarily rotate to shift the geographic North Pole to the new location (N_p') along with the deserts and striations which would form from the resulting oceanic displacement.

Moreover, the ‘East and West Euler Axis Mundi’ (the green arrow vector in Exhibit J3) are the points at $(0^\circ, 121^\circ E)$ and $(0^\circ, 59^\circ W)$ respectively, representing the axis around which the Earth would temporarily rotate to shift the geographic North Pole to the new location (N_p') at $31^\circ E, 14^\circ S$. This terminology aligns with the concept of Euler’s rotation

theorem,³² describing the temporary orthogonal axis of rotation for this specific geophysical event. Deserts formed from oceanic displacement, along with the terrestrial striations from this kinetic event, cleanly match both poles of the Euler Axis Mundi.

Depiction of Euler Axis Mundi West

Depiction of Euler Axis Mundi East

Craig Stone has pointed out as well that past geomagnetic pole excursion events have [clustered on both the East and West Euler Axis Meridians](#) we identify immediately above.³³ This is not a coincidence.

One should note that the optimal location for inundation-survival in the Western Hemisphere under this scenario, would be the [Ecuadoran and Peruvian Andes](#), along the coast just west of the Euler Axis in South America. From the perspective of the East Euler Axis, a similar location for survival of such an event would reside at [Sulawesi](#) and [Gunung Padang, Indonesia](#). Perhaps this is the reason why the [oldest cave art in the world](#) (51,200 years old) can only be found at Leang Bulusipang, Sulawesi³⁴ – which is a cave at an altitude of 1800 feet positioned right on the East Euler Axis.

As well, this construct is consistent with detailed descriptions of events as related by ancient cultural legends. To wit:

When the water god Gong Gong saw that he was losing, he smashed his head against Mount Buzhou, a pillar holding up the sky. The pillar collapsed and caused the sky to tilt towards the northwest and the earth to shift to the southeast.

~ *Chinese Nüwa Indundation Myth*³⁵

In fact, in the State 1 to State 2 transition depicted above, [China rotates in exactly this fashion](#).

The Prescience of Giza (Khufu Finally Solved)

The popular fairy tale that this pyramid was the burial chamber of Pharaoh Khufu has been sufficiently falsified.

In the broader scheme of things, wonder, as it turns out, is more vital than mere information.

Below, the reader may grasp why such a monumental endeavor was shrouded in commemorative silence. This was no mere feat of construction, but a task of utmost importance for the survival of future generations. The monument itself inspired a profound sense of purpose in every engineer, superintendent, and laborer. It was



Seal Team Spartan 1 Anomalous Finding Markings – Antarctica, 2003.
Match to this coin from antiquity found in Mexico in 1993. Showing both N_p and N_p' with six marks for six-thousand year intervals?

not just about building a pyramid; it was about safeguarding the legacy and continuity of mankind. This structure was not in any way, shape, or form a burial chamber. The monumental work around the issue addressed by this structure may even continue to this very day.

Scientist and amateur investigator alike have long wondered why the Khufu Pyramid has been positioned so tantalizingly

close to the center of Earth's landmasses³⁶ and the 30th North Parallel (reader please be aware that, in the vernacular of celestial navigation, a latitude is called a 'parallel' and a longitude is a 'meridian'). Khufu's positioning so as to inherit its location at the nominal 31st East Meridian is of course simply a matter of Greenwich, England having been selected as the demarcation point for the Prime Meridian, so that was deliberate.

However, Khufu's specific positioning at the very longitude which just happens to also be named the 31st East Meridian is not an accident, in that this meridian is the very line of progression between the current North Pole (N_p) and the proposed alternative SAC-LLVP based North Pole (N_p') – anchored upon the axis of gyroscopic dynamics depicted in Exhibits F, I, and J above.

Thus in the period of eleven thousand three hundred and forty years they said that there had arisen no god in human form; nor even before that time or afterwards among the remaining kings who arise in Egypt, did they report that anything of that kind had come to pass. In this time they said that the sun had moved four times from his accustomed place of rising, and where he now sets he had thence twice had his rising, and in the place from whence he now rises he had twice had his setting;

~ Herodotus, *An Account of Egypt*³⁷

I mean the change in the rising and the setting of the sun and the other heavenly bodies, how in those times they used to set in the quarter where they now rise, and they used to rise where they now set.

~ Plato, *The Statesman (Politicus)*^{38 39}

This sets the framework for considering some long-puzzling features of the pyramid's interior and may shed light on their actual purposes.

The Curious Case of the Khufu Tripartite Observatory and Dual 104 Degree Anomaly

Why Was this Structure so Important to Build?

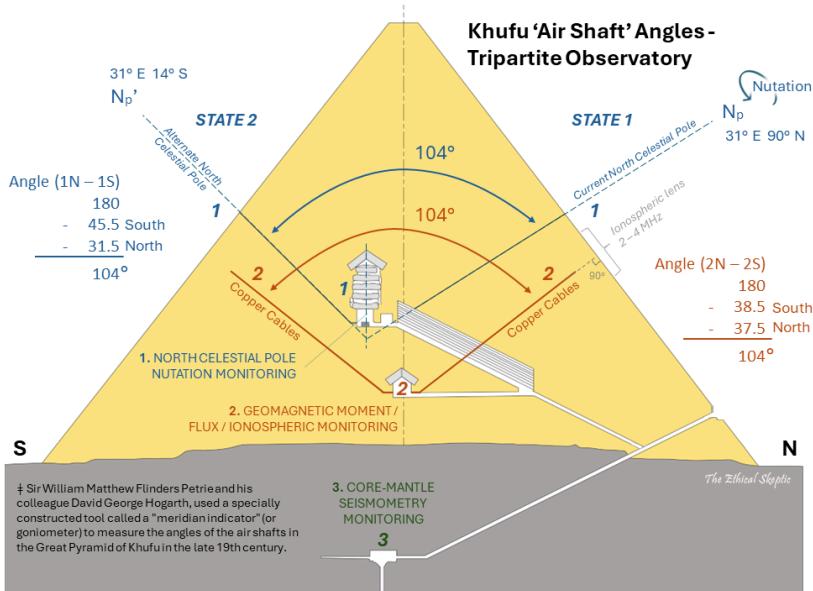


Exhibit K – There is a 104-degree span between the shafts extending from both the King's and Queen's Chambers in the Khufu Pyramid. This is not accidental. Neither are these shafts purposed for air supply or spotting specific stars. It is our conjecture that the three chambers of the Khufu Pyramid were designed to house sophisticated sensors used to monitor the Earth's rotational stability. This same motif was found marked on the top right hand side of a 20 ft tall door to an anomalous octagonal structure purportedly found in Antarctica by a Navy Seal Team, Spartan 1, in 2003.⁴⁰ We speculate (note: not critical path to the hypothesis) that this was a tripartite observatory:

1. King's Chamber: The north celestial pole monitoring shafts are oriented to a specific celestial reference, running directly to the pyramid's surface and pointing accurately at both N_p (State 1) and N_{p'} (State 2) for Giza. These shafts are designed to monitor the nutation (wobble and wander) of the celestial north pole (see Exhibit K3 below). Since the North Shaft from the King's Chamber makes a mid-shaft break to the west to avoid some structure (similar to the North Shaft from the Queen's Chamber), it cannot be used for direct optical

observation, as is often conjectured. Instead, this would be a monitoring device requiring termination at the pyramid's surface, facing directly at the celestial north pole.

We postulate (though not critical to the hypothesis) that a gravitational sled operated in the Grand Gallery, moving a mechanism in the King's Chamber involved in powering the entire structure. The linear sliding scars on the side benches indicate that a sled indeed operated in the Grand Gallery.⁴¹

The gallery was not used for lifting stones for the pyramid or the King's Chamber, as it did not extend far enough to address the loft problem in any application context. In other words, getting an 80-ton stone to the Grand Gallery is a more daunting task than using the Grand Gallery to lift it a mere 21 additional meters. A monumental and complex structure (made of 5 to 16-ton stones itself) to provide a minor benefit for just a handful of stones, which is accomplished everywhere else without comment or pyramid alteration. Any compounding to multiply the sled distance moved would have required as monumental an assembly as the gallery itself. Instead, the design of the Grand Gallery was clearly one of a closed gravitational potential energy system—much like a weight-powered grandfather clock.

The granite used for the floor, walls, and ceiling of the King's Chamber, as well as for the successive ceilings of its stress-relieving chambers, is a good conductor of heat. Its use in these components of the broader chamber structure could help dissipate heat away, and rising vertically up, from the King's Chamber—if this indeed was the center of power generation and distribution for all three high-amperage sensor components. The limestone walls of the relieving chambers would not be a particularly good conductor of heat in comparison (1.3 to 2.4 W/m·K), so this construction would have acted much like a heat-chimney of sorts. Some researchers have noted that the granite beams in the King's Chamber exhibit unusual discoloration, which could suggest exposure to chronic high temperatures (per Christopher

Dunn's work on "The Giza Power Plant").⁴² Here again, however, our hypothesis is not critically founded upon such conjecture.

Such a power core would need to be functionally located away and off-axis from our next sensor component located in the Queen's Chamber.

2. Queen's Chamber: Geomagnetic moment/flux field orientation monitoring – by means of [copper cable pairs](#) (seen in Exhibit M) inside shafts that do not run completely to the exterior of the pyramid, are capped off (neither for 'air' nor 'stars'), and are oriented to the pyramid structure itself. The limestone blocks of the pyramid served as a natural isolation mechanism, insulating the copper cables and shielding them from extraneous electromagnetic interference, while simultaneously allowing transparency to the critical Earth geomagnetic frequencies essential to the mission. The 90-degree relative angle to the pyramid's sky-facing sides (no accident – annotated as the right angle in Exhibit K) might have been designed to focus and channel electromagnetic resonances, enhancing the sensitivity and accuracy of the geomagnetic monitoring system in the Queen's Chamber. This was arguably an ionospheric-monitoring antenna. The following applies:

Why are there Two Different Sets of Angles/End Points in the Shafts?

Why Did Only the Queen's Shafts have Copper Cable Pairs?

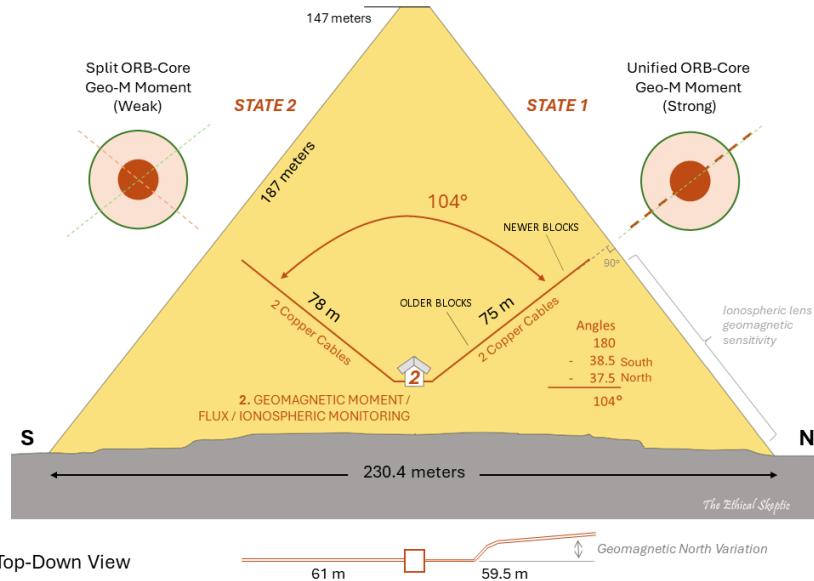
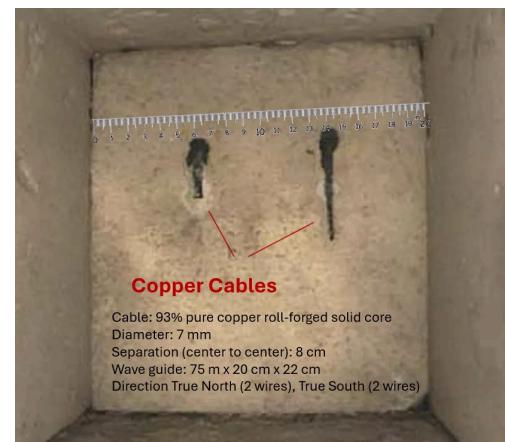


Exhibit K2 – Conclusion: “An active, high amperage, low SWR dual-dipole-antenna with sensitivity from 0.664 to 5.34 MHz would be well-suited for monitoring geomagnetic and ionospheric conditions.” The differential orientation of the Core’s geomagnetic moment, is offset by 104-degrees from the geomagnetic moment of the Mantle during State 2 (see Exhibit J2). Hence the 104-degree spread of the antenna’s ‘V’. The north shaft was altered as the structure was built, to more align with geomagnetic north for Giza (annotated as ‘variation’ in the Top-Down View).

Remnants of the copper cables (click on photo to right) were found by the Gantenbrink Upuaut Project in March 1990 in the Queen’s Chamber south air shaft (and later the North Shaft as well). Although these cables have long since been removed by tomb robbers (as evidenced by the Dixon Relics found by Waynman Dixon at the bottom of the north shaft in 1872), one of the cable segments was found 5 meters down the shaft, laying on the floor, having been pulled free from the end stone by applied force long ago.⁴³



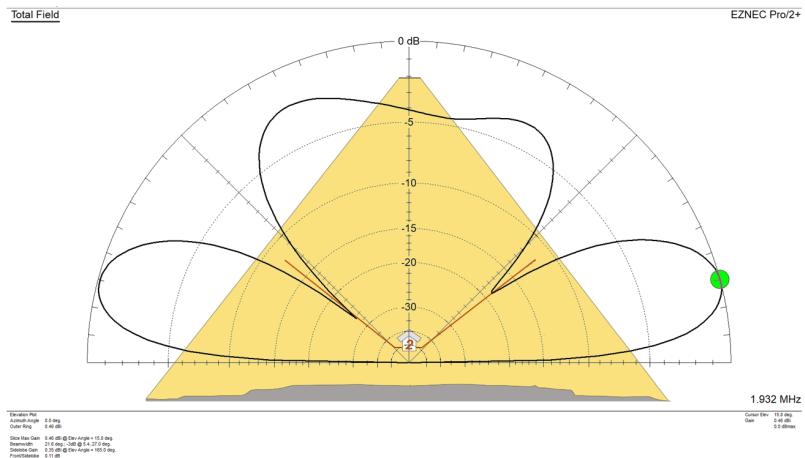
If these fittings were intended to bear load, they would have been made of cheaper and stronger bronze, not soft copper. Additionally, they were not designed to prevent the stone from being removed, as a stone-cut bevel across the entire face of the stone would have been much more effective and easier to craft. As one can see with the cable on the right, the run of copper extended far beyond the anchoring dovetail on the face of the stone. Therefore, the copper cable did not end as a dovetail on this stone face. This cable end-piece remained in place until the Djedi Project drilled through the door and caused it to dislodge in 2011.

We note that newer, patina-free, and finely-hewn limestone blocks were used for the final 10 meters of the north shaft's ceiling. Prior to this section, the shaft is composed of older stones with a dark patina, which has been scratched by several previous metal rod investigation attempts. Similar to the Queen's south air shaft, this shaft appears to have been constructed in stages, separated by a significant amount of time.⁴⁴ There remains inference to be drawn from this deductive evidence, if archaeology would pause from its confirmation bias of the 'burial chamber' narrative and focus on thoroughly investigating these findings. Simply taking photographs and exclaiming, "Well isn't that a mystery..." is not science.

Radio Frequency Performance Analysis Results

A military intelligence colleague, communications specialist, and lifelong friend recently reminded me that, in military and maritime communications is it common to employ 'V' configuration omni-directional antennas. So we contacted a military antenna engineering specialist and had an analysis run. The results were as follows:

The copper cables in the pyramid ran out in independent pairs (possibly for differential and



Superior geomagnetic monitoring sensitivity lobes form at 1.932 MHz and its harmonics (EZNEC Pro 2+)—both axial ground and air from the two double-cable, high amperage antennas connecting back to the Queen's Chamber.

polarized signal detection modes as well) and terminated independently behind the shaft end-stone.

Thus:

- South Shaft 78 meters x 2
- North Shaft 75 meters x 2

Resonant wavelength = 150 (75 x 2) meters @ $\lambda/2$
 Dipole = primary at 1.932 MHz, a 1.27 standing wave ratio, and a ground wave main lobe at 15° above horizon (report output shown in the above right image inset). Secondary resonances exist at 5.34 / 4.29 / 3.11 / 0.644 MHz (MF/HF).

Limestone is not an effective blocker of electromagnetic (EM) signals, particularly in the frequency range of 0.1 to 30 MHz. Instead, it tends to be relatively transparent to these signals, allowing them to pass through with minimal attenuation. Nor is limestone a conductor of electricity. It would provide for an excellent insulating jacket for high-amperage electrical cables. Two 7 mm solid core copper lines run 8 cm apart would perform as a single active antenna

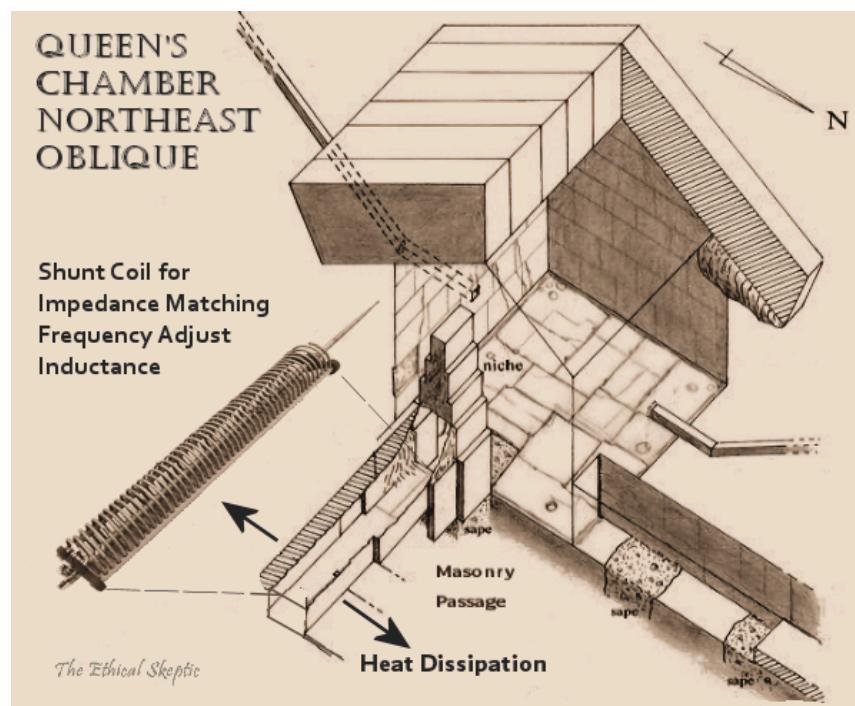
with a high amperage, low voltage, and low SWR (a configuration designed to pick up subtle signals).^{45 46}

Conclusion: An active, high amperage, low SWR antenna with sensitivity from 0.664 to 5.34 MHz would be well-suited for monitoring geomagnetic and ionospheric conditions. The high EM-amperage field would activate the piezoelectric characteristics of the Tura limestone face of the pyramid to act as an active reception amplifier.

Applicable frequency ranges:

- Earth's Geomagnetic Moment (ELF) = 3 to 30Hz
- Atmosphere/Ionosphere (VLF) = .3 to 3 MHz
- Schumann Resonance = 7.83 Hz
- Geomagnetic Pulsations = 1 Hz to 1 MHz

Thus, argument can be made that these wires were part of a system designed to monitor Earth's Geomagnetic Moment (ELF) and its dynamics via their impact upon the ionosphere.⁴⁷



This functionality was feasible particularly if the system's active power was controlled and frequency-tuned by a

horizontal and perpendicular-to-field shunt coil, cooled (high amperage) by its extension into the eastward horizontal passage of the chamber's eastward-facing niche, whereby the limestone block heat transfer efficiency would keep the overall temperature of the Queen's Chamber at a reasonable level. For predictive confirmation, we therefore examined the condition of the limestone just outside and above the south passage, and indeed this is what we find.

The burnt limestone above and exiting the Queen's Chamber niche, continuing to the ceiling of the Queen's Chamber itself, also aggregated near the niche and dissipating across the ceiling ridge moving westward, confirms the presence of high heat in antiquity. The surface of heated limestone can undergo thermal decomposition and partial melting, resulting in a dark brown coloration and a glossy appearance (see Exhibit K2b below).⁴⁸ This heat was not from fire, because the patina contains no bound combustion ash or chemical reaction residues. This dark brown 'leoparding' (my term) is due to the release of carbon dioxide (CO_2) and the presence of impurities in the limestone that can change color upon exposure to high heat. The 'melting streaks' inside the stone over the mouth of the niche passage come from the decay of softer limestone into 'quick lime.'⁴⁹

*Eventually one must discard the fairy tales they were taught—
this is a prerequisite of integrity and maturity.*



Exhibit K2b – High, non-combustion generated, heat –

Notice that the highest temperature (quick lime) decay is located right at the exit of the horizontal passage, transitioning to lower temperature leoparding as the heat dissipates while rising to the top of the niche. This indicates an extraordinary level of heat exposure, which was not caused by chemical reaction or combustion.

3. Subterranean Chamber: Deep-earth seismometry/core-mantle H-layer/LLVP dynamics monitoring fluid-based sensor. In similar effect to the geomagnetic monitoring, the pyramid's structure could have been optimized to both isolate and focus seismic signals towards the Subterranean Chamber, allowing it to effectively monitor seismic activity and internal Earth dynamics free of noise from surface, device, or other nearby activity. The chamber itself would use water to detect the infrasound frequencies involved.⁵⁰

Moreover, there is an independent determination that the rock-cut [dead-end south passage](#) inside the chamber might well have functioned as a sound resonance tube, generating or receiving infrasound with a base frequency in the range of 5 and 10 Hz – and that constant low frequency noise can be heard/sensed in the chamber.^{51 52} This corresponds well to the design of the pyramid itself – which is wavelength optimized to 5 Hz, per Exhibit K3 below.

**Understanding the Necessity of The Great Pyramid's
Scale**

**Why Did They Bury a Water-Eroded Chamber so Far
Below It?**

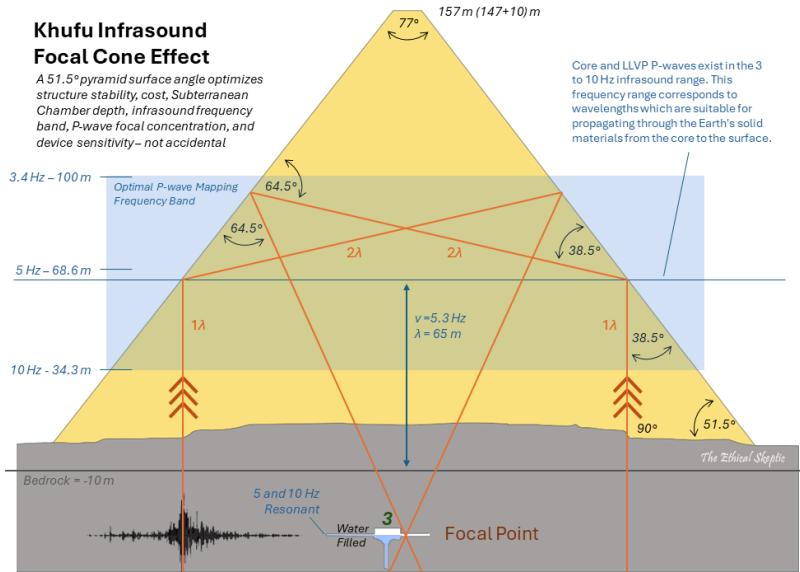


Exhibit K3 – Infrasound featuring wavelengths in the range of 30 to 70 meters (Earth P-waves), suitable for propagation from the H-layer up to the Earth's surface^{53 54 55} would reflect inside the pyramid in much the same fashion as occurs in a microphone's parabolic reflector. The focal point for such infrasound coincides with the location of the Subterranean Chamber. The 5 to 10 Hz range is quite reasonable for detecting infrasound signals emanating from deep within the Earth, including potential core noise.

This also describes why the scale of the Great Pyramid was critical to its function. If the pyramid's slope angle were reduced, the fluid-filled⁵⁶ chamber would need to be placed deeper into the Earth. Conversely, if the slope were too steep, the structure would risk collapse and costs would increase non-linearly. If the structure had smaller dimensions, it would not have effectively concentrated the wavelengths involved. Therefore, the design aimed to optimize the balance between the side slope, depth of the Subterranean Chamber, and overall instrument effectiveness. With the exception of Khafre, all other pyramids were cargo cult imitations, displaying a lack of awareness of Khufu's critical feature functionalities.

The combined observation of the celestial pole's short term nutation dynamics, the strength, asymmetry, and orientation of the Earth's magnetic moment, and H-layer/LLVP seismic noise

amplified by the pyramid, monitored from the Subterranean Chamber, could have formed a dynamic integrated system. The pyramid's shape itself acted as a kind of receiving cone, pointing down into the Earth, enhancing those monitoring capabilities. This system would allow for more accurate inferences if all three components showed simultaneous anomalous signals, indicating onset of a significant geophysical event.

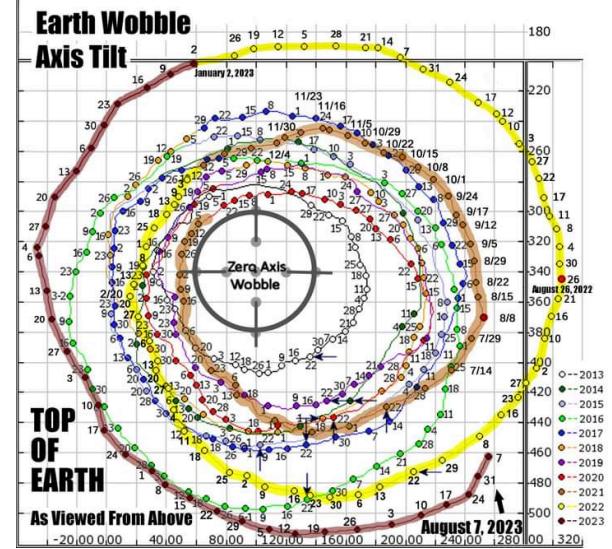


Exhibit K3 – Earth's Celestial North Pole Nutation (Wobble and Wander). As the Earth's geomagnetic moment weakens, nutation of the celestial pole dilates and global ocean temperatures rise rapidly.

This integrated system is mounted upon the [original bedrock shelf](#) which underlies only the 'observatory' footprint of the pyramid, and not the entire edifice. Together, these chambers composed an advanced monitoring system that may have allowed an unknown party, possibly the mythical Anunnaki themselves, to predict significant geological and rotational events, such as the coming deluge. An event they all took an oath to conceal from mankind.⁵⁷

To those who resent that our suggestion of such technology also might imply the presence of ancient aliens, I would say this: I don't care. In our second article we make it clear that the evidence supports the contention that humans built the pyramids. In contrast, what we have venerated as science to date regarding the purpose of Khufu constitutes a ridiculous children's fairy tale. Most of humanity is weary of being

insulted and gaslighted over this edifice. If this hypothesis makes you uncomfortable or challenges your superior beliefs, put on your big boy pants and start dealing with this evidence set like a mature human being, and not as a pampered arbiter of truth.

The Secret of the Shafts

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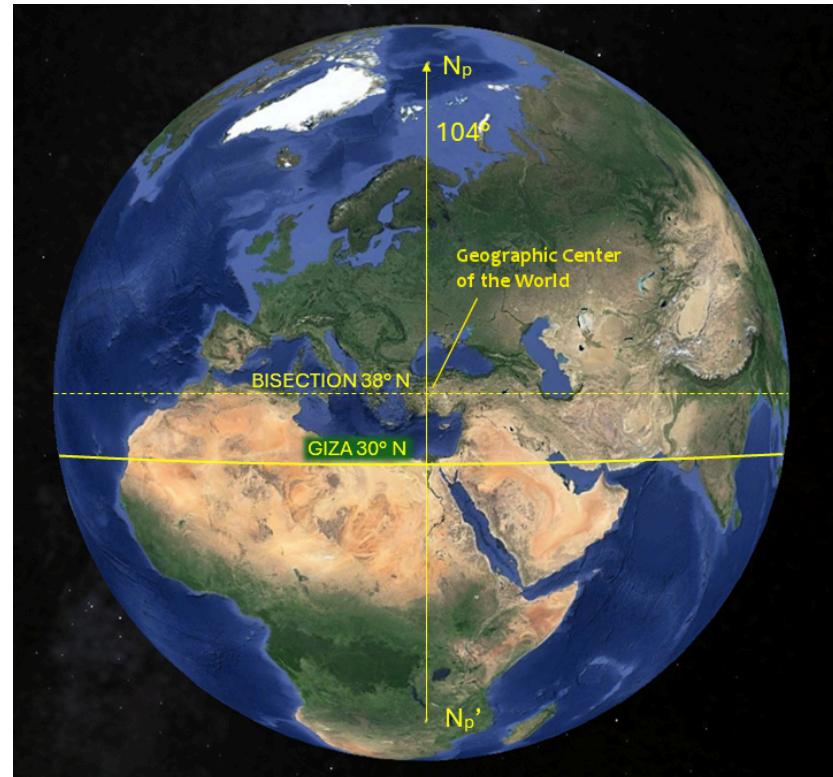


Exhibit H2 – Both the Geographic Center of the World at the 38th North parallel, as well as the Giza Complex at the 30th North parallel are depicted in relation to each other and the Np to Np' meridian of Dzhanibekov rotation.

o sets of shafts serve a dual purpose, not just one. In the image shown in Exhibit K above, regarding the 'air/star shafts' which run outward and up at specific angles from each of the King and Queen's Chambers, one pair of these shafts points directly north, while the other points directly south. Such precision in alignment suggests a purpose beyond mere ventilation, as the substantial cost and engineering effort involved in these particular designs would be unjustifiable for simple air shafts – more easily run (and more importantly,

removed so as to deter robbers) in a vertical orientation. (Please note that within this article, 7N and 7S for example are referred to as a ‘set’ of shafts, whereas, 7N and 10N are referred to as a ‘pair’)

Additionally, the low placement of these shaft openings within each chamber would be ineffective for promoting airflow as warmer air rises. This considerable investment in engineering and labor seems too deliberate to constitute or tolerate an inept airflow design. Furthermore, the significance of these ‘star shafts’ may not lie solely in which stars they align with, but rather in the angle they form as a set—104 degrees—supplementing the angles of each chamber’s horizon to 180 degrees.

More importantly, the two angles defined by these sets of shafts (King and Queen’s shaft sets), match an alignment to the Dzhanibekov rotation as viewed from the two critical locations defined in Exhibit H2: The Giza Plateau and the Geographic Center of the World (see where [The Eratosthenes Experiment](#) applies a similar heuristic). These two intervening differential angles, rather than the direct measurements or match to specific stars, carries the critical message of this monument.

The Secret of the Shafts

Each pair of shafts is affixed upon the same astronomical reference,

the celestial north pole in two different Earth rotational orientations (N_p and N_p')

and from two different geographic locations (Giza and Geographic Center of the World).

The eight degrees of geographic latitude separation is employed as part of the key to authenticate the message.

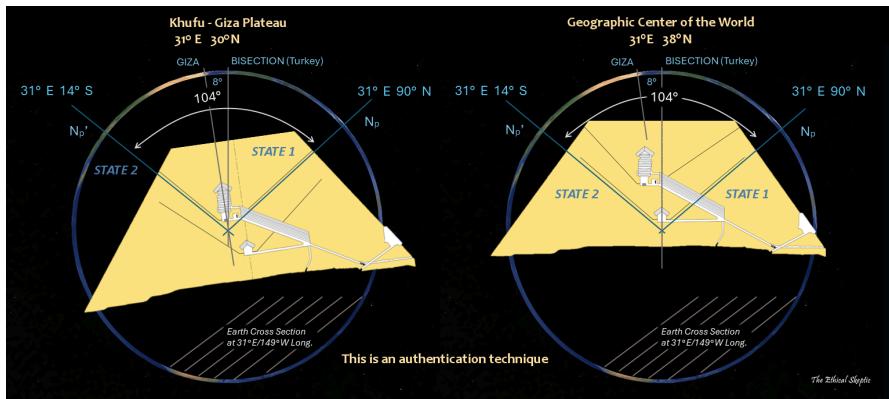


Exhibit L – Khufu Shafts Aligned to Mediated

Dzhanibekov Rotation Angle – from both the Turkey bisection latitude as well as Giza. Conceptually, here the builders of the pyramid have employed the King and Queen's Chamber shafts to both demarcate and authenticate the shift from normal polar alignment at N_p (State 1) to the novel polar alignment at N_p' (State 2). It is no accident that the alignment on the right, both bisects the Dzhanibekov rotation and happens to sit right on the Geographic Center of the World, 31.4° East Longitude and 38.4° North Latitude.

What the duplication in shafts and offset chambers serve to communicate, is an authentication of the change in celestial north pole location, during two different time periods. An intelligence which cannot be communicated by a single set of shafts, nor certainly by shaft combinations which do not agree.

The builders of the underlying observatory inside the Khufu pyramid depicted this principle from two differing geographic locations (Giza, left and Turkey, right), indicating a very sophisticated knowledge of the Earth's diameter. What the duplication in shafts and offset chambers serve to communicate, is an authentication of the change in celestial north pole location, during two different time periods. An intelligence which cannot be communicated by a single set of shafts. Moreover, this coded message is something that cannot be defaced or dismantled by holy armies or their jealous God, cannot be rendered silent by righteous

knowledge, nor consumed by fire or buried, nor eroded away by the elements.

I did not erect this structure as a monument to my own grandeur, nor to glorify my realm, nor even as a resting place for my remains. How could such immense vanity neglect to inscribe its name even once within its own colossal tribute? No, we are your forebears. Know, oh man, he who has unlocked these innermost secrets, that you journey now beyond this realization into an era akin to the days of Noah.

We entombed this observatory beneath millions of stones, at the cost of vast fortunes and countless lives, that this legacy may never again be washed away, erased, or stolen. For we understood the sloth, avarice, and cunning of your captors, those who pretend to the throne of gods. This monument was not crafted for our sakes—oh dear children of ignorance, blinded by your gadgets and sophistry—it was crafted for yours.

Remember, regarding the lack of markings inside the pyramid to suggest a specific purpose, two issues arise. First, every hypothesis faces this challenge, not just this one, as there are no markings to confirm any proposed use of the edifice. Second, whatever was originally stored and obviously protected inside these chambers was likely removed by later interlopers. These interlopers could have also erased any accessible markings, even going so far as to forge red ochre ones as we noted in our previous article, [Hidden in Plain Sight](#). Therefore, the absence of markings is both an appeal to ignorance and ultimately moot.

Of course, it would have been helpful had the builder at least marked one of these inaccessible shafts to clearly indicate its polar direction at the time of construction. Surely, someone of

this sophistication would have anticipated the need for such an informative relic. One set into a location where it cannot be erased by The God™ or debunked by The Science™. Be patient, dear reader, as it may very well be that such a clue exists.

If Stones Could Speak

In one of the star/air shafts extending upward from the Queen's Chamber, there resides a curious set of non-hieroglyphic markings which were photographed by the Upuant Project.⁵⁸ On the ceiling, just at the final stone before the block that terminates this shaft, a depiction of the night sky is carved. This artistic representation includes the constellations Ursa Minor and Ursa Major, Draco, Lacerta, Bootes, Cepheus, and Cassiopeia, unmistakably identifying this specific section of the sky and its orientation.

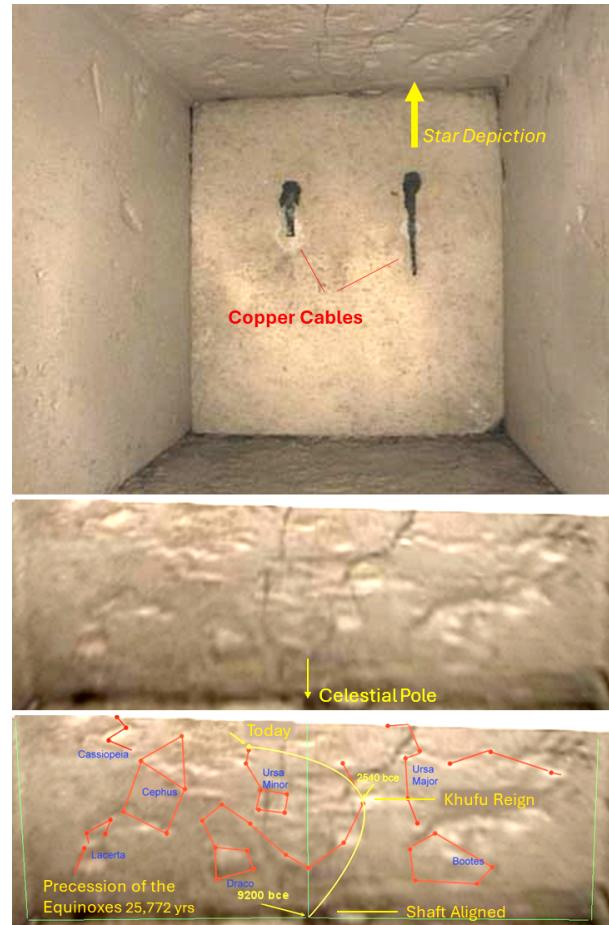


Exhibit M – End of Queen's Chamber

Star Shaft – A star chart is carved into the last stone serving as the ceiling of the shaft. By Precession of the Equinoxes, that chart depicts a Giza skyline from 9200 to 9600 BCE. Plus, the depiction is of a north sky, used to align a southward pointing shaft.

The stone depiction itself is centered on true north, with the celestial north pole anchored at the very bottom center of the stone framing – almost as if this specific stone was employed to select a time and set of stars to ‘shoot’ (navigator’s term for obtaining a line of position from a given star) each night, in order to align the next day’s workload to true north (when no alignment guide would be available). Exhibit N below outlines this functional practice. This I found to constitute a rather clever artifice on the part of the construction foreman.

What remains in question is the timeframe represented by this depiction of the northern sky. Notably, the rendering centers on a celestial north pole that is significantly offset—not only from the current North Star, Polaris, which is expected due to the precession of the equinoxes, but also surprisingly far from the celestial north pole as it would have been positioned around the time of Khufu (circa 2540 BCE) – inside the end of Draco’s tail (as depicted in the bottom panel of Exhibit M).

This depiction suggests a construction timeframe for the star shaft of around 9200 to 9600 BCE, as evidenced by comparing Exhibits M and N. Many of the stars represented in this carving would have been below the horizon in 2540 BCE and thus invisible in this depiction, to observers of that era. A Starry Night™ rendering of the northern sky at Giza as it appeared in 9200 BCE, which precisely matches the arrangement carved into the stone shown in Exhibit M, is shown below, along with the sextant-like alignment technique entailed.

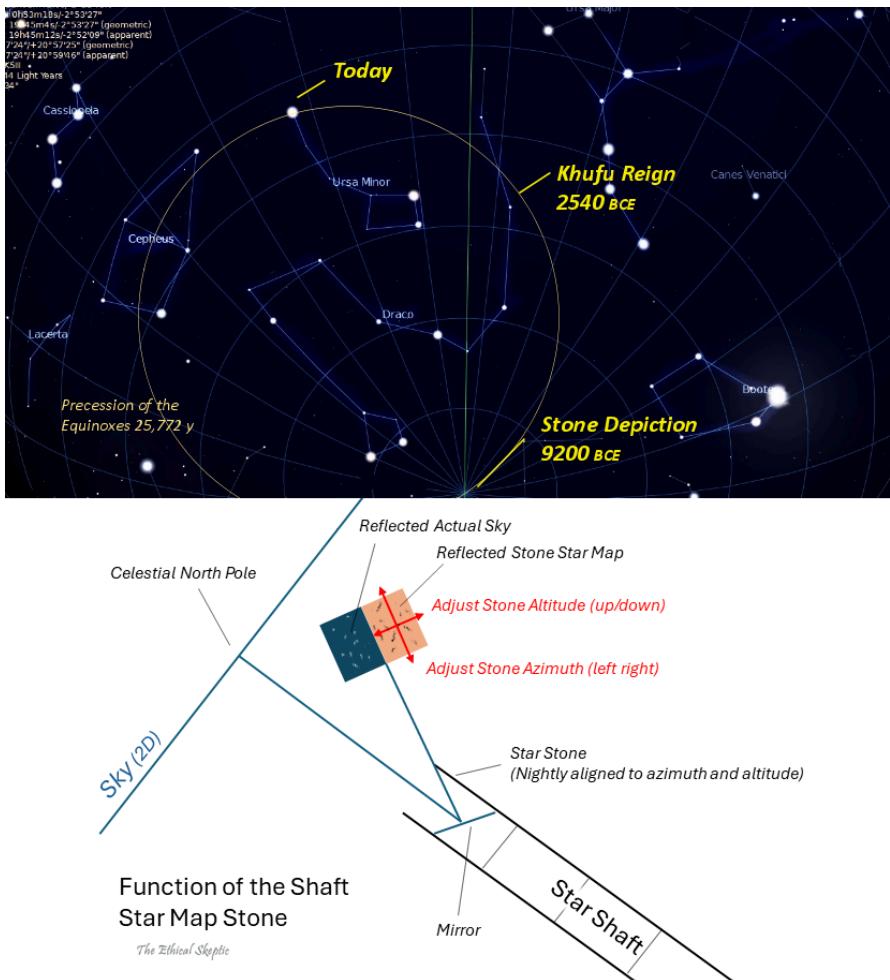
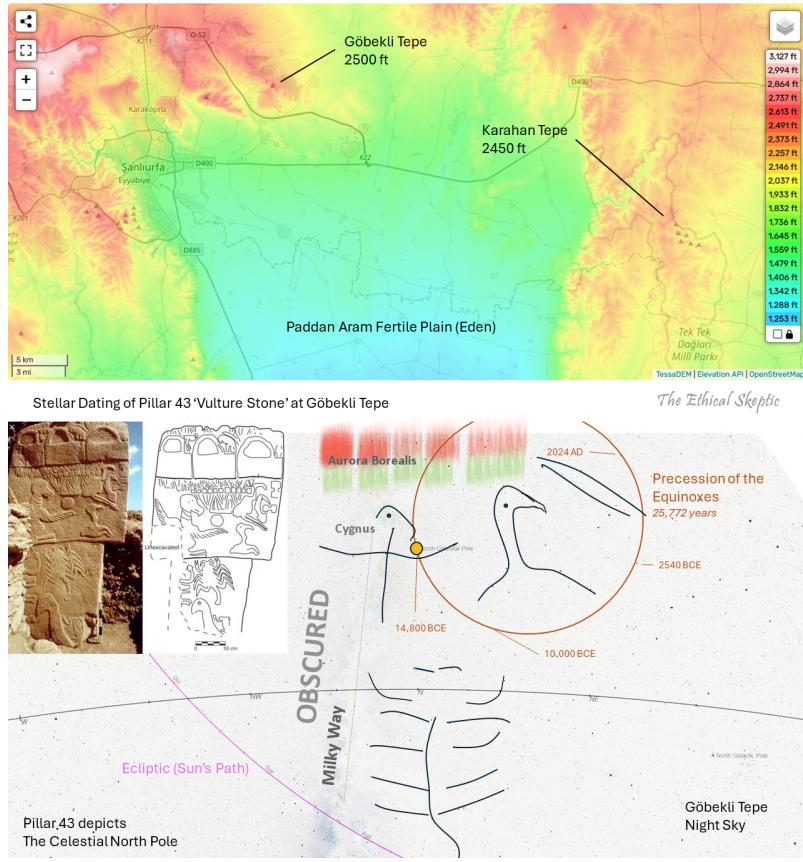


Exhibit N – Star Time Frame and Engineering Analogous to a Sextant – In practice, the foreman would take the shaft ceiling stone upon which the star map was marked, **align the bottom center of the stone with the celestial north pole** in the sky, and then ensure that the center of the stone matched exactly the azimuth and altitude of the celestial pole itself – in this manner, aligning the next day's work (as well as the shaft) to true north. The stone had to bisect the north sky horizontally so that the altitude of the celestial north pole could also be shot, along with its azimuth. If the foreman used an 8 inch mirror fit into the shaft itself, this would in essence be analogous to a sextant. Through employing this method, along with knowledge of the precession of the equinoxes (celestial position of the north pole over a 25,772 year cycle), the date range for construction of the shaft becomes abundantly clear.

The fact that all four of these shafts initially run at odd angles to the celestial north pole, thereafter reattaining the altitude and azimuth discipline in each case, indicates just how

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The **Exhibit N2** – The Vulture Stone (Pillar 43) at Göbekli Tepe indicates a construction date of 14,800 BCE. Bottom panel is developed from Starry Night Pro 8, for Sanliurfa, Turkey, 14,800 BCE. Note that an important part of the stone was purposely obscured by the excavation oversight team. We comment upon such pseudoscientific dysethics in a subsequent article.⁵⁹

despite our employment of that name at times herein). The copper fittings in the sealing stone were not for dropping the stone into place, as every stone in the pyramid had to be dropped into place, yet none of them used such labor intensive through-stone-fittings. Nor are the fittings placed at the right center of gravity to afford such a function. These were copper cables, for which we previously had no theory regarding their purpose—that is until now.

The 9200 – 9600 BCE date range suggested by this shaft has been conjectured by some to match the dating carved into Pillar 43 at Göbekli Tepe, or what is known as the 'Vulture

Stone'.⁶⁰ In Exhibit N2 to the right one may observe where I have marked the Precession of the Equinoxes great circle onto the stellar depiction of Pillar 43. One should note that the circle in Pillar 43 depicts the celestial north pole and its location along the Precession of the Equinoxes around a date of 14,800 BCE. The Pillar 43 circle cannot possibly be the sun as many have suggested, as the sun moves along the ecliptic (purple line in Exhibit N2) and comes nowhere near Cygnus. The position of the celestial north pole above Cygnus' right wing (yellow circle in Exhibit N2) equates to 14,800 BCE. However, I do not know what to do with that datum as of yet.

Perhaps it was findings like this, ones which inculpate Archonic powers in their Enochian unforgivable sins (genetic hybridizing, enslavement, sexual abuse, lifespan altering, human rights violations, ignorance, neglect, posing as God, and existential/spiritual torture), behind why excavation at Gobekli Tepe has been shut down by the *Doğuş* Group at the behest of its 20-year funding sponsor, the World Economic Forum.^{61 62}

About 11,500 years ago – in 9,550 B.C., as dated by astronomers from Potsdam Observatory from writings in the ruins of Tiahuanaco – the 60-mile thick shell of the earth shifted its position once more in ¼ to ½ a day, 7,000 years after the previous shift. The North Pole moved southward, and the Sudan Basin in Africa shifted to the North Pole. This was the time which the Talmud states was the setting of the Pleiades below the horizon, when the Holy Land was moved into a “region of terrible cold” for many generations – actually for 5,000 years until Noah’s flood, 6,500 years ago. The equatorial pivot points were off the coast of mid-Chile and in mid-China, near the Yangtze, North of Viet Nam.

~ Chan Thomas, *The Adam and Eve Story*⁶³

A true polar wandering (TPW) event evidently changed the location of the pole around 11k-9k before present.

~ Utah Geology⁶⁴

As mentioned in [our last article](#), the momentary oceanic surges of this inundation rose to as high as 2200 feet above sea level for a very short period of time. I find it intriguing that our oldest large-scale human habitations, Göbekli Tepe and its contemporary site [Karahan Tepe](#), are both situated on hilltops at approximately 2500 feet in elevation (see top panel in Exhibit N2). Why did ancient humans choose these elevated locations for their homes when their food sources were located in the Harran Plain (Paddan Aram) well below them?

Notice in Exhibit N2 that the aurora borealis is carved into the stone above the depiction of celestial north (the circle on the condor's wing), indicating that the cataclysm which the stone's authors were attempting to document, was related to a far-reaching geomagnetic phenomenon.

Perhaps Göbekli Tepe and Karahan Tepe were not homes or temples (the go-to dismissal tactic) at all then; instead, they were planned refuges from a known cataclysmic phenomenon. An event the builders tried to speak to us about through stone and their use of stellar reliefs. Important information we do not want known today.

This form of evidence is indeed inductive of course, nor do I believe that the builders constructed two of the Great Pyramid shafts while underwater during the counter-alignment. Complicatedness arises when we attempt to force simplicity upon a complex reality. This hypothesis in contrast is the first one to bear robust elegance. It was the last idea I considered —the only one I could not falsify, yet it explains so many mysteries woven into mankind's monument history.

Dismissing all such observations as mere cultural and religious symbolism which bears no relevance to our modern enlightened state—when in fact, the stone depictions are salient to specific embargoed constructs—merely serves to perpetuate the linear induction or Nelsonian Ignorance Trap approach to science that we criticized at the outset of this article. Science is stuck in that trap regarding the Khafre and Khufu pyramids (and all ancient monuments in reality), in desperate need of disruption and paradigm shift. There is a great deal yet to be resolved with regard to this aspect of mankind's history. Here, we are introducing a hypothesis, not another 'perfect answer' for a new doctrinal set of beliefs. If *a priori* perfect answers were the standard, the current consensus would have never survived to be considered in the first place. However, because of the critical and heteroductive nature of these observations, any hypothesis which leaves the issues cited in this series of articles unaddressed, meets the definition of pseudoscience.

Nonetheless, setting aside the debate over the possible date range for the stone star depiction, one fact remains unmistakably clear:

***The shaft that was aligned by means of this
celestial north star map
today points toward Giza's southern sky.***

An Epilogue in Epic

I encourage the reader to contrast the below material with the biblical recount of Noah. In the Noah tale, one may observe a story heavily rewritten so that the targeted population could understand, as opposed to comprehend, the evolution of events.

The biblical flood narrative reduces that set of events into familiar tropes: it was 'man's fault' (sound familiar?), it 'rained' (for a familiar esoteric number of days), then there were these magic 'fountains', and all that massive excess oceana (over triple the volume of

all oceans which exist today) just disappeared in a couple months – poof! Finally, a fully mature olive tree mysteriously reappeared in 47 days⁶⁵ – when it takes an olive pit 6 months to germinate and produce its first leaf even under optimal conditions.⁶⁶ Give me strength... (ChatGPT-4o comments accordingly)

This illustrates the problem with ‘explain it like I’m 5’: a technique that often leads to critical inaccuracies. As a result, the biblical version is unreliable as compared to more ancient accounts (such as below) that offer a more nuanced and physically plausible depiction of events. Generations of mankind miss an important geophysical principle because someone wanted to make the story ‘easy to understand’. This is what happens when you dumb things down – everyone gets dumb as a result.

Curiously, in the Epic of Gilgamesh's Tablets IX, X, and XI, King of Uruk, Gilgamesh, set out upon a quest to find his ancestor Utnapishtim.



Exhibit O – Seal of The King of Mohenjo Daro.

Utnapishtim had been granted immortality by the Gods after he had followed one God's (Ea/Enki) direction to build a large boat. He then loaded the vessel with his kith, kin, and domesticated animals, and successfully survived an epic inundation. Gilgamesh, being two thirds God himself, desired to understand the mystery of immortality (my commentary: why someone would wish to live forever in this realm is beyond me).

Accordingly, Gilgamesh crossed the Mountains of Mashu, and marched for days eastward. The Great Flood Story Segment E in the Electronic Text Corpus of Sumerian Literature

(ETCSL) confirms that Utnapishtim's residence was in the "Land of Dilmun, where the sun rises."⁶⁷ Thereafter, his team portaged and powered by poles up a river for three days (hundreds of miles, or a month and a half's normal journey according to the text), whereupon they attained their objective.⁶⁸ This journey could only equate to the mouth of the Indus River and upriver passage to one of the oldest cities in the world, **Mahenjo Daro** (3 days at 4 knots = 327 miles, Mahenjo Daro is 325 miles upriver). There, Gilgamesh encountered Utnapishtim, who was running a river trading and fishing business.

Utnapishtim recounted to Gilgamesh how his world was lost in a mere day's sudden turning, not "40 days and 40 nights" of rain – a catastrophe not wrought by sustained storms, celestial impacts, or solar coronal mass ejection, but rather by a displaced sea, kinetically mixed with displacing atmospheric winds, swiftly surmounting the mountains in one sudden, overwhelming inundation. This combination of water borne upon high winds (not the same as rain), the shattering of the land, and sudden encroaching of the ocean (Segment E of the ETCSL regarded that the inundation would "sweep over the land") – constitute georotation phenomena – and nothing else.

Utnapishtim thus related to Gilgamesh:⁶⁹

I will reveal to you, Gilgamesh, a thing that is hidden, a secret of the gods I will tell you!

Ea, the Clever Son of Anu, was [bound by] an oath with [the Anunnaki] so he repeated their [knowledge of the coming deluge] to [my] reed house [wall instead]:

'Reed house, reed house! Wall, wall! [Were you to speak

with him, say to] the man of Shuruppak, son of Ubartutu:

"Tear down [your] house and build a boat!"

That stated time had arrived.

In the morning [Shamash] let loaves of bread [tephra

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rain of wheat [tephra ash/lapilli].

I watched the appearance of the weather—the weather was frightful to behold! I went into the boat and sealed the entry.

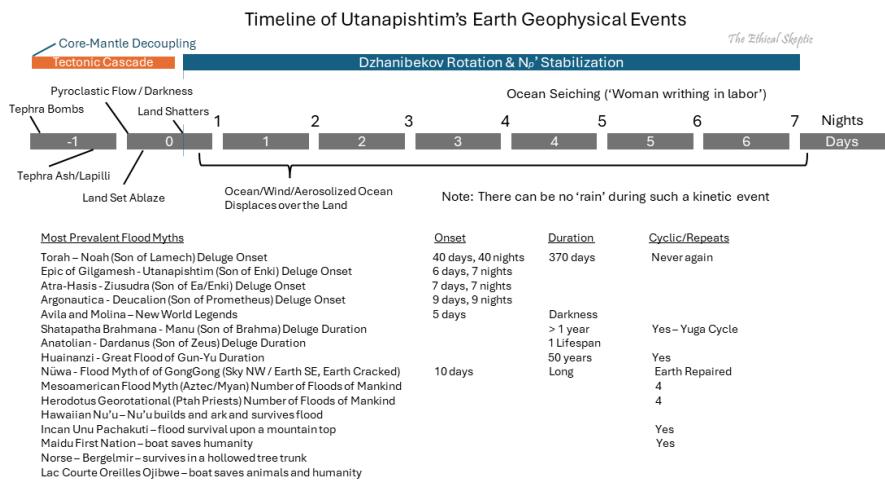
*Just as dawn began to glow
there arose from the horizon a black cloud.
[Thunder] rumbled inside of it,
before him went [a dark squall] and [lightning],
[with a large pyroclastic maelstrom] going over
mountain and land.*

*The Anunnaki lifted up the torches,
setting the land ablaze with their flare.
[The stunning] shock [of the maelstrom] overtook the
heavens,
and turned to blackness all that had been light.*

*[Then all the land suddenly] shattered like a [clay] pot.
All day long the South Wind blew ...,
blowing fast, submerging the mountain in water,
overwhelming the people like an [attacking army].
No one could see his fellow,
they could not recognize each other in the torrent.
The gods were frightened by the Flood,
and retreated, ascending to the heaven of Anu.*



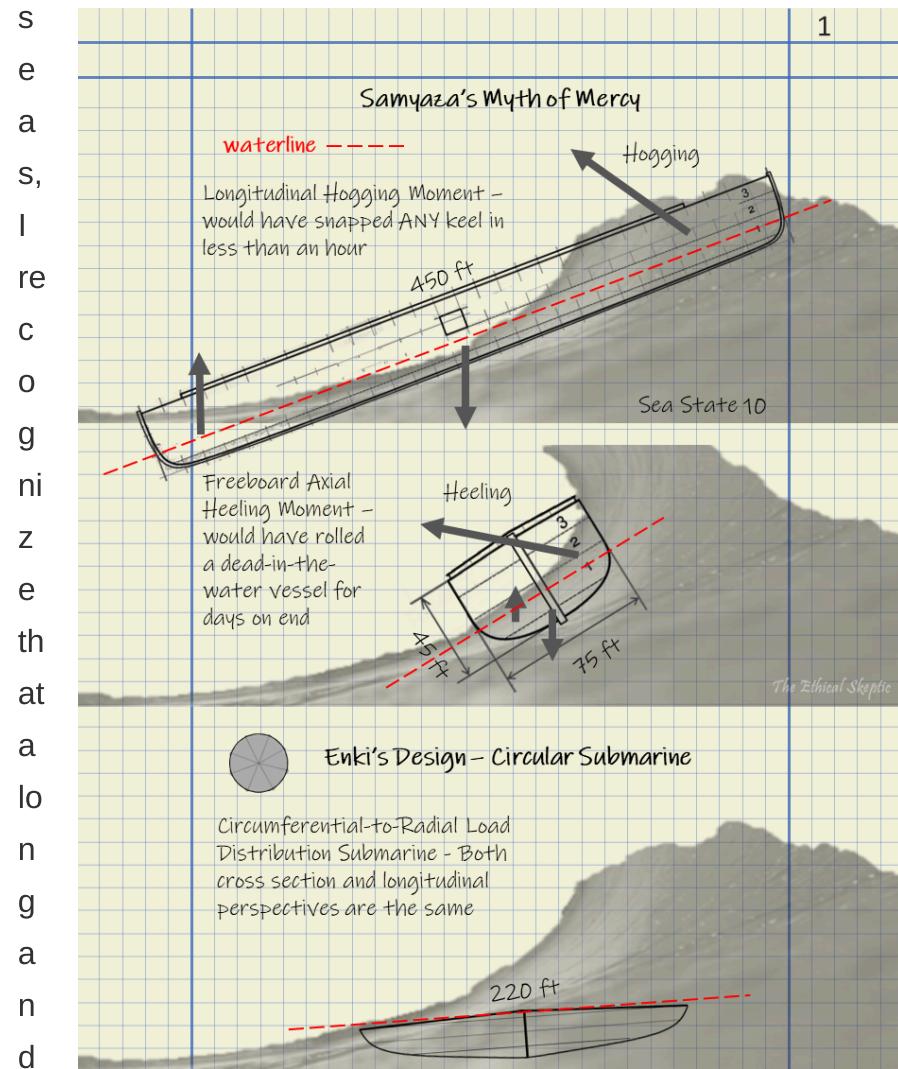
*Six days and seven nights
 came the wind and flood, the storm flattening the land.
 When the seventh day arrived, the storm was
 pounding,
 the flood was a war–struggling with itself like a woman
 writhing (in labor).
 The sea calmed, fell still, the whirlwind (and) flood
 stopped up.
 I looked around all day long–quiet had set in
 and all the human beings had turned to clay!
 The terrain was as flat as a roof.*



As one can see from the various comparative notes on inundation myths, three or four of the most prominent deluge myths, aside from the Torah, match the specifics of the timeline depicted above. The Chinese Gun-Yu myth is one of two that specify or imply how long the people struggled with the displaced waters (two generations, most of 1 lifespan, or 50 years – our Karst erosion estimate top end). Nonetheless, if our hypothesis bears merit, this inundation effect is part of a repeating cycle (ECDO – oscillation).

Notice as well, that according to the Chinese inundation myth of Nüwa, their land proceeded to the southeast, while the sky moved to the northwest. This is exactly what happens to [China in the Mediated Dzhanibekov Rotation](#) shown moving from State 1 to State 2 in Exhibit J3 above.

Finally, pertaining to the comparative credibility of the Torah/Bible narrative, as a lifelong sailor of sometimes heavy



n **Exhibit P** – Surface keelboat compared to Enki's circular submarine.

ro

w keelboat design, also known as a 'surface-piercing/large freeboard' class of ocean vessel, especially one not under power, would not have survived the kinetic inundation described. The popular depictions of Noah's Ark, purported by the Bible to be a 450 x 75 x 45 ft vessel of this class (aspect ratio of 6:1 – see top two panels of Exhibit P to the right), would not have withstood the bow-on sea-state-induced moment called 'hogging,' and its segmented 450 ft keel would have snapped very quickly.

Furthermore, when waves hit broadside to such a long and narrow vessel, the vessel would have rolled completely, potentially for days on end. Add significant ballast to this, mix the hogging, sagging, and heeling moments into a twisting

torsion along a 450 ft keel made of wooden segments, and suddenly you have a violent enclosed space from which no one, including the ship itself, would have survived.⁷⁰

From extensive experience in a variety of vessel designs, one does not construct a ship of this design without a means to propel it through the water and keep the bow into the seas and wind. A long, thin, dead-in-the-water surface keelboat is a fatal disadvantage in heavy seas. This observation, as much as anything, suggests to me that the Torah/Bible story was a later fabrication. This was not a fanciful, symbolic, allegorical, nor inspirational story to demonstrate God's providence and mercy. It was a lie—and all other more accurate versions of the account were obliterated or buried. The question is, why? The reader should take note that such obfuscation becomes a consistent pattern in regard to human history and origins.

The only feasible boat design that might have survived such a kinetic inundation would have been a mostly-submerged circular crescent hull 'submarine.' In this design, hogging load dynamics would be distributed circumferentially first, and then radially toward the leeward aspect of the vessel, while the hogging moment itself would be much less pronounced as waves would crest over the ship, not under it, minimizing all surface effects in the process. Additionally, there would be no rolling since the ship would never present a 'long' side in any scenario. The mythical God Enki's ark design (see third panel in Exhibit P), one of this exact nature he submitted to Atra-Hasis, was rather non-mythical in its engineered approach to such unprecedented challenges.⁷¹

Before we close, let's take a few more steps down this uncomfortable pathway of cataclysm for just a moment. Of course, this entire construct raises the key existential question: Why would a responsible entity of any kind purposely place or develop a large sentient civilization like humanity on an ECDO planet prone to frequent flipping, knowing the immense suffering this would cause? This argues poignantly for an atheist viewpoint.

If, however, a putative entity of such opportunity and influence had indeed done this, and if this action could be judged as wrong by an outside party, would this entity not want the evidence of such maliciousness destroyed or even blamed upon randomness or the wickedness of the victims themselves? Would such a despicable act constitute the Enochian ‘unforgivable sin’—a blasphemy against the Force that protects pneuma-life throughout the universe?⁷² Mandating its obfuscation by *every available means*—scientific, rhetorical, religious, burning, interment, shortening of human lifespan, social ridicule and defamation, or imperial conquest—it would not matter. A will of such desperation that it might only be thwarted by the gravitas of two million two-and-a-half-ton stones.

Perhaps the Great Pyramid did not constitute a monument after all; rather, it was a purposed message, a safekeep for a preexisting observatory, an impossible stack of stones both flagging the importance of what resides underneath and ensuring that this intellectual property could neither be washed away again, nor confiscated to damnatio memoriae by those who regard themselves as gods. But they try ... oh, they do try.

Such exhibits the elegance of publishing ideas like this inside a private blog article. I do not have to adopt the *pro forma* and magisterial edicts of those who embargo questions, ideas, and evidence. Wallowing in the quagmire of linear inductive Nelsonian ignorance, while adorning the ironic priestly robes of inquiry.

Perhaps of an even more curious final note, the seal of the first King of Mahenjo Daro, the city we contend inside which Gilgamesh sought to find Utnapishtim,⁷³ despite its being located a couple hundred miles up the Indus River, depicted a large ocean-going vessel, along with a raven and a dove.

The Ethical Skeptic, "Exothermic Core-Mantle Decoupling – Dzhanibekov Oscillation (ECDO) Hypothesis"; *The Ethical Skeptic*, WordPress, 12 May 2024; Web, <https://theethicalskeptic.com/?p=84997>

1. The Ethical Skeptic, "Syndicate Science – The Definition"; The Ethical Skeptic, WordPress, 24 Apr 2024; Web, <https://theethicalskeptic.com/?p=84476> ↫
2. Academic Studies Are Getting Marked Down," The Wall Street Journal, accessed 30 May 2024, <https://www.wsj.com/science/academic-studies-research-paper-mills-journals-publishing-f5a3d4bc>. ↫
3. Fake scientific papers are alarmingly common," Science, accessed May 29, 2024, <https://www.science.org/content/article/fake-scientific-papers-are-alarmingly-common>. ↫
4. Burial chamber for anyone, hall of records library, river of mercury cap, power station, rocket launch pad, alien construction, giant construction, granary, water pump, natural formation, celestial energy generator, penny-on-a-fan effect, dimensional portal, irrigation, stellar gateway, time machine, great Egypt society monument, stellar communications station, king's/national treasure vault, chemical production factory, ceremonial chamber, Earth orbit, rotation, or land mass control system, solar/celestial observatory, ark, ark of the covenant hold, spacecraft navigational aide, home of gods, metallurgy/alchemy work station, home, celestial energy focal prism, rites and initiation chamber, etc. – please note, that when I use the names 'Khufu' and 'Khafre', this is for pyramid identification only. The notion that these edifices were burial chambers built by those Pharaohs over 20 years in and around 2550 BCE is not a realistic possibility. ↫

5. A few, but not all, of the predictions I have made and confirmed with this theory:

- A. Sea Salt in human inaccessible areas (Queen's North Air Shaft)
- B. Karst geomorphology on the Sphynx (Yes)
- C. Limestone reccreations in the lower passages and chambers of the pyramid (Yes)
- D. Ocean silt in the lower pyramid chamber (inaccessible areas only)
- E. Morphology and size of the erosion band on the Khafre Pyramid
- F. Artifacts from the pyramid which pre-date the Fourth Dynasty significantly (Cedar Plank Dixon Relic)
- G. Regional flood geomorphologies in the Saudi and Sahara Deserts.
- H. Correspondence in metrics between the geomorphologies in #7
- I. Heat decay of Queen's Chamber niche and horizontal passage
- J. Transparency of limestone to geomagnetic monitoring frequencies.
- K. Copper cables only in the Queen's Chamber air shafts.
- L. Karst geomorphology on stones which are inaccessible (Queen's North Air Shaft midway up)
- M. The full set of pyramid angles, dimensions, and designs.



6. The Ethical Skeptic, "The Climate Change Alternative We Ignore (to Our Peril)"; The Ethical Skeptic, WordPress, 16 Feb 2020; Web,
<https://theethicalskeptic.com/2020/02/16/the-climate-change-alternative-we-ignore-to-our-peril/> ↔

7. "A true polar wandering (TPW) event evidently changed the location of the pole around 11k-9k BP.>"; UtahGeology website; extracted 12 Jul 2024;
<https://utahgeology.com/bin/iceage/index.html> ↔

8. Veritasium; The Bizarre Behavior of Rotating Bodies; YouTube; https://www.youtube.com/watch?v=1VPfZ_XzisU&t=92s ↫
9. Wikipedia: The Tennis racket theorem; https://en.wikipedia.org/wiki/Tennis_racket_theorem ↫
10. Veritasium; The Bizarre Behavior of Rotating Bodies; YouTube; https://www.youtube.com/watch?v=1VPfZ_XzisU&t=92s ↫
11. Wenyi Zhang, Wenbin Shen, New estimation of triaxial three-layered Earth's inertia tensor and solutions of Earth rotation normal modes, *Geodesy and Geodynamics*, Volume 11, Issue 5, 2020, Pages 307-315, ISSN 1674-9847, <https://doi.org/10.1016/j.geog.2020.03.005>. (<https://www.sciencedirect.com/science/article/pii/S1674984720300240>) ↫
12. Tsekhmistrenko, Maria & Sigloch, Karin & Hosseini, Kasra & Barruol, Guilhem. (2021). A tree of Indo-African mantle plumes imaged by seismic tomography. *Nature Geoscience*. 14. 1-8. 10.1038/s41561-021-00762-9. ↫
13. Garnero, Edward J.; McNamara, Allen K.; Shim, Sang-Heon (2016). "Continent-sized anomalous zones with low seismic velocity at the base of Earth's mantle". *Nature Geoscience*. 9 (7): 481–489. ↫
14. Laura Baisas; Popular Science: "Two giant blobs lurk deep within the Earth, but why?"; <https://www.popsci.com/science/earth-blob/> ↫
15. McNamara, Allen. "A review of large low shear velocity provinces and ultra low velocity zones." *Tectonophysics* (2019): n. pag. ↫
16. Wenyi Zhang, Wenbin Shen, New estimation of triaxial three-layered Earth's inertia tensor and solutions of Earth rotation normal modes, *Geodesy and Geodynamics*, Volume 11, Issue 5, 2020, Pages 307-315, ISSN 1674-9847, <https://doi.org/10.1016/j.geog.2020.03.005>. (<https://www.sciencedirect.com/science/article/pii/S1674984720300240>) ↫

17. NOAA Physical Sciences Laboratory (PSL);
<https://psl.noaa.gov/> ↫
18. The Ethical Skeptic, “The Climate Change Alternative We Ignore (to Our Peril)”; The Ethical Skeptic, WordPress, 16 Feb 2020; Web,
<https://theethicalskeptic.com/2020/02/16/the-climate-change-alternative-we-ignore-to-our-peril/> ↫
19. a craton is an old and stable part of the continental lithosphere, which consists of Earth's two topmost layers, the crust and the uppermost mantle ↫
20. Tsekhmistrenko, Maria & Sigloch, Karin & Hosseini, Kasra & Barruol, Guilhem. (2021). A tree of Indo-African mantle plumes imaged by seismic tomography. *Nature Geoscience*. 14. 1-8. 10.1038/s41561-021-00762-9. ↫
21. Boyce, Alistair & Kounoudis, Rita & Bastow, I. & Cottaar, S. & Ebinger, C. J. & Ogden, C.. (2023). Mantle Wavespeed and Discontinuity Structure Below East Africa: Implications for Cenozoic Hotspot Tectonism and the Development of the Turkana Depression. *Geochemistry, Geophysics, Geosystems*. 24. 10.1029/2022GC010775. ↫
22. Cottaar; Lekic (2016). “Morphology of lower mantle structures”. *Geophysical Journal International*. 207 (2): 1122–1136. ↫
23. Tsekhmistrenko, Maria & Sigloch, Karin & Hosseini, Kasra & Barruol, Guilhem. (2021). A tree of Indo-African mantle plumes imaged by seismic tomography. *Nature Geoscience*. 14. 1-8. 10.1038/s41561-021-00762-9. ↫
24. ChatGPT-4: If the Earth's core and geomagnetic poles remain stationary while the outer mantle rotational component undergoes a Dzhanibekov rotation, the resulting observations could be interpreted as a magnetic pole shift inside scientific studies covering such a timeframe. Without a clear understanding and ability to differentiate between core dynamics and mantle movements, such an event could easily be misinterpreted as a conventional geomagnetic pole shift. This misinterpretation could lead to incorrect

assumptions about the processes occurring within the Earth's interior. ↫

25. Please note that one could argue 103° as well, given that the north and south faces of Khufu are each 51.5° on average. We would not quibble with this approach. In this approach the “ $52+52=104$ ” annotation would be changed to “ $51.5+ 51.5 = 103$ ”. ↫
26. Wikipedia: Geographical centre of Earth;
https://en.wikipedia.org/wiki/Geographical_centre_of_Earth ↫
27. Furthermore, the measurement error tolerance for any given time interval spanned nearly to the Leschamps excursion limit (6% of $DM_{2017} = 80 \text{ ZAm}^2$) to begin with. (Panovska S., Korte M., & Constable C. G. (2019). One hundred thousand years of geomagnetic field evolution. *Reviews of Geophysics*, 57, 1289–1337. <https://doi.org/10.1029/2019RG000656>) The Panovska study cited above even summed together the age-uncertainty blending of study averages, which themselves data smoothed over large timescales extrapolated from small geographic sampling regions, and only when such measures were in agreement (Panovska, Section 2.3).

In other words, these studies do not feature a resolution which would alert to this type of event. It would simply appear as noise inside a mundane geomagnetic excursion, if at all.

The study chart plot-lines look pretty and authoritative—with lots of intimidating notation (“(V)(A)DM [ZAm²]”) and precision-implying summation functions (“ $V_{(r, \theta, \phi, t)} = \sum \sum (\hat{l}_r)$ ”) serving as academic window dressing and proxy for a conceptually straightforward yet imprecise measure (volcanic material ‘thermoremanent magnetization’ with 70% of the sampling derived from Europe and Turkey). Such confidence/blending results contrast starkly with the currently observed speed of dipole moment weakening, one which is 10 times faster than any measure found inside these paleogeomagnetic studies—including the Leschamps event.(Fiona MacDonald; Science Alert: New Study Shows How Rapidly Earth’s Magnetic Field Is

Changing; 11 May 2016;
<https://www.sciencealert.com/new-study-shows-that-earth-s-magnetic-field-is-weakening-more-rapidly-than-we-thought>)

This is Gaussian blindness, and as such it is not very informative. It is akin to estimating the ten-minute-interval speed of a car during a 10-day trip, with a standard deviation-based confidence band ranging from 10 to 110 miles per hour and a discrimination interval of half a day, from sampling only conducted while the car was on two-lane roads, and only by means of an agreement between tire and wind noise (no speedometer). Based on this type of analytical approach, the car would never exceed the speed limit and never stop even once for gas, fuel, or restroom.

In systems engineering, when transient signal dynamics exceed weak-observation histories by a factor of 10, the confidence in such historical observations is significantly reduced.(Chiang, L.H. et al.; “Fault Detection and Diagnosis in Industrial Systems”; 2001; ISBN: 1-85233-327-8.) (Chen, Chi-Tsong. Linear System Theory and Design. 3rd ed. New York: Oxford University Press, 1999.)

Gyre-driven models (Finlay, Aubert, 2016) of our current decline in the Earth’s geomagnetic moment, place the attainment of a Leschamps-level of decay, as occurring in less than 1000 years (1900 years to “zero”), a timeframe far below the resolution of current paleogeomagnetic models.(Finlay, C., Aubert, J. & Gillet, N. Gyre-driven decay of the Earth’s magnetic dipole. Nat Commun 7, 10422 (2016). <https://doi.org/10.1038/ncomms10422> As one may observe in the study graphic linked earlier (Panovska, 2019), we are already 1500 years into such a dipole weakening. The sint-2000 model itself indicating a particularly precipitous drop during this timeframe. ↩

28. Nell Greenfieldboyce; NPR Science: Ancient Trees Show When The Earth’s Magnetic Field Last Flipped Out; 18 Feb 2021;

- <https://www.npr.org/2021/02/18/969063568/ancient-trees-show-when-theearths-magnetic-field-last-flipped-out> ↵
29. Lund, Steve & Schwartz, Martha & Keigwin, Lloyd & Johnson, Thomas C.. (2005). Deep-sea sediment records of the Laschamp geomagnetic field excursion (~41,000 calendar years before present). *J. Geophys. Res.*. 110. 10.1029/2003JB002943. ↵
30. rotating gif graphics courtesy again of Craig Stone at nobulart.com ↵
31. Desert classification is based on the Köppen climate classification system – however, in this definition featuring oceanic displacement striations ↵
32. Wikipedia: Euler's rotation theorem;
https://en.wikipedia.org/wiki/Euler%27s_rotation_theorem ↵
33. McElhinney, M.W.; Paleomagnetism: Continents and Oceans; 2000; San Diego Academic Press; ISBN: 12-483355-1 ↵
34. Aubert, Maxime & Lebe, Rustan & Oktaviana, Adhi & Tang, Muhammad & Burhan, Basran & Hamrullah, & Jusdi, Andi & Abdullah, & Hakim, Budianto & Zhao, Jian-xin & Geria, I. & Sulistyarto, Priyatno & Sardi, Ratno & Brumm, Adam. (2019). Earliest hunting scene in prehistoric art. *Nature*. 576. 1-4. 10.1038/s41586-019-1806-y. ↵
35. 女媧補天, Wikibooks: Chinese Stories/Nüwa;
https://en.wikibooks.org/wiki/Chinese_Stories/N%C3%BCwa ↵
36. Ancient Code: "The Great Pyramid of Giza is located at the exact center of Earth's landmass"; 29 Apr 2024;
<https://www.ancient-code.com/the-great-pyramid-of-giza-is-located-at-the-exact-center-of-earths-landmass/> ↵
37. Project Gutenberg; Herodotus: An Account of Egypt:
<https://www.gutenberg.org/files/2131/2131-h/2131-h.htm>, ↵
38. Plato. (c. 360 B.C.E.). *The Statesman (Politikos)*. In Jowett, B. (Trans.), *The Dialogues of Plato*. Retrieved from Perseus Digital Library. ↵

39. Velikovsky, I. (1950). *Worlds in Collision*. Retrieved from Spirasolaris: Selections from Immanuel Velikovsky's *Worlds in Collision* (1950)
<https://www.spirasolaris.ca/wic.pdf> ↵
40. YouTube: "The Why Files: Mysteries Beneath the Ice: The Secrets of Antarctica"; March 2024;
<https://www.youtube.com/watch?v=lQz7innxnms> ↵
41. YouTube: Great Pyramid: Lost Technology of the Grand Gallery REVEALED;
https://www.youtube.com/watch?v=SslpjDtEw_U&t=1261s ↵
42. Dunn, Christopher. *The Giza Power Plant: Technologies of Ancient Egypt*. Bear & Company, 1998. ↵
43. YouTube: "Discovering the Closed Door Inside the Great Pyramid: The Upuaut Project"; (Full Documentary)<https://www.youtube.com/watch?v=cT16PVkhwrg&t=2997s> ↵
44. Ancient Architects, YouTube: EXCLUSIVE: First Look Inside the Great Pyramid Queen's Chamber (2022); pulled 9 Jun 2024; <https://www.youtube.com/watch?v=Ki0405ulvIY> ↵
45. 3ROAM – Antenna Length to Frequency Calculator;
https://3roam.com/antenna-length-to-frequency-calculator/#google_vignette. ↵
46. ChatGPT-4o agrees with our engineer:
 1. Active Antenna Characteristics (Medium Frequency/High Frequency Antenna)
An active antenna with a standing wave ratio (SWR) of 1.27 indicates a relatively low amount of power reflected back towards the source, which is efficient for signal transmission and reception. The design frequency of 1.932 MHz and its resonances at various frequencies suggest a broad range of operability. This range of resonances could imply a sophisticated design, possibly to maximize sensitivity across multiple frequency bands. Such a feature might have been employed for detecting a wide range of signals or for enhancing communication capabilities.

2. Close Proximity of Cables

The close proximity of the two cables could indeed afford high amperage and low voltage, particularly in an active antenna configuration. In such a setup, the antenna might use an active component, like a transistor or amplifier, to boost signal strength. This increased sensitivity would be crucial for detecting weak signals or for long-range communication. The high amperage could enhance the antenna's ability to pick up faint signals, making it more effective in its role.

3. Polarized or Differential Detection

The potential for using the two cables in a polarized or differential detection role is worth exploring. Polarization could help in distinguishing between different signal sources or reducing interference from unwanted directions. Differential detection could enhance signal clarity by comparing the signals received by the two cables, effectively canceling out noise and improving signal-to-noise ratio. This might not have been commented upon, but it could provide additional functionality to the antenna system. ↩

47. Wang, C., G. Hajj, X. Pi, I. G. Rosen, and B. Wilson (2004), *Development of the Global Assimilative Ionospheric Model*, *Radio Sci.*, 39, RS1S06, doi:10.1029/2002RS002854. ↩
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49. Pamela Pearson; “Why Burn Limestone?”; 20 Mar 2017; <https://oldknows.com/2017-03-20-a-flow-chart-showing-the-uses-and-processes-of-limestone.html> ↩
50. ChatGPT-4o comments: *To detect P-waves effectively in a static chamber infiltrated with sensors, the fluid used should have properties that allow efficient transmission of seismic waves while being compatible with the sensors and the chamber environment. One of the best fluids for this purpose is water. Here are the reasons why:*
Acoustic Impedance Matching: Water has an acoustic impedance that is well-matched to many materials used in seismic sensors, ensuring efficient transmission of P-waves from the fluid to the sensors.

High Transmission Speed: P-waves travel through water at a speed of approximately 1500 meters per second, which is relatively high compared to other fluids, allowing for clear and fast detection of seismic signals.

Low Attenuation: Water has low attenuation for seismic waves, meaning the waves can travel longer distances without significant loss of energy, leading to clearer signals.

Availability and Safety: Water is readily available, non-toxic, and safe to handle, making it a practical choice for use in a controlled experimental setup.

Temperature Stability: Water maintains its properties over a range of temperatures, which is beneficial for consistent and reliable seismic measurements.

While other fluids like mineral oil or glycerin could also be used, they often have higher attenuation or are less practical to handle. Thus, water is generally considered the best fluid for detecting P-waves in such a setup.



51. *Ancient Origins: The Great Pyramid Experiment: Exploring Infrasound Technology Use By The Ancients*
<https://www.ancient-origins.net/artifacts-other-artifacts/great-pyramid-0012179> ↩

52. *YouTube: “When was the Subterranean Chamber built? | Great Pyramid of Giza | Lines in Sand”;*
<https://www.youtube.com/watch?v=iiozjuoILu0> ↩

53. *The frequency range for infrasound, which can be generated by natural sources such as earthquakes, volcanic activity, and other geological phenomena, typically lies between 0.1 Hz and 10 Hz. This is the range where infrasound waves are most effective at traveling long distances through the Earth's solid materials, such as those originating from the core and propagating to the surface.*

Earthquake P-waves are employed as the sound generation mechanism for the velocity based mapping of the core and LLVP structures themselves. Body waves, specifically Primary waves (P-waves), that travel through the Earth as a result of an earthquake typically have a frequency range between 0.1 Hz and 10 Hz. However, most of the energy from these waves is concentrated in the lower part of this range, typically

from 1 Hz to 5 Hz. Inner Earth activity is attenuated more quickly because it falls in the higher frequencies, 5 Hz to 10 Hz.

P-waves are capable of traveling through the Earth's interior and are the fastest seismic waves, thus they are the first to be detected by seismometers after an earthquake occurs. This makes the 5 to 10 Hz range quite reasonable for detecting infrasound signals emanating from deep within the Earth, including potential core noise (sources: Wikipedia on Infrasound, White, B. C., Elbing, B. R., and Faruque, I. A.: Infrasound measurement system for real-time in situ tornado measurements, Atmos. Meas. Tech., 15, 2923–2938, <https://doi.org/10.5194/amt-15-2923-2022>, 2022.).

This frequency range corresponds to wavelengths that are tens of meters long, making them suitable for penetrating deep into the Earth's structure and reaching the surface where they can be monitored.

These properties of infrasound align well with the idea of using such frequencies to detect and study geophysical phenomena originating from the Earth's core and other deep layers. ↫

54. Wikipedia: Seismic wave/Bod wave/P-waves; https://en.wikipedia.org/wiki/Seismic_wave ↫
55. LibreTexts: Geosciences: 6.6: Seismic Waves; [https://geo.libretexts.org/Courses/Lumen_Learning/Book%3A_Physical_Geography_\(Lumen\)/06%3A_Tectonic_Forces/6.06%3A_Seismic_Waves](https://geo.libretexts.org/Courses/Lumen_Learning/Book%3A_Physical_Geography_(Lumen)/06%3A_Tectonic_Forces/6.06%3A_Seismic_Waves) ↫
56. The Khufu Pyramid: The Shaft or Well: Important notes: ; <https://khufupyramid.dk/important-information/important-notes> ↫
57. Academy of Ancient Texts: "The Epic of Gilgamesh, Tablet XI"; <http://www.ancienttexts.org/library/mesopotamian/gilgamesh/tab11.htm> ↫
58. Wikipedia: Upuaut Project; https://en.wikipedia.org/wiki/Upuaut_Project ↫
59. The Ethical Skeptic, "The Principle of Diminishing Narrative Returns"; The Ethical Skeptic, WordPress, 13 Jun 2024; Web, <https://theethicalskeptic.com/?p=89300> ↫

60. *The Why Files* (Nov 2023). Göbekli Tepe and the Prophecy of Pillar 43 [Video].
YouTube.<https://www.youtube.com/watch?v=r4xzFWW-FAA&t=646s> ↫
61. YouTube: You Won't Believe This Disturbing Gobekli Tepe Update; 10 Jun 2024;
<https://www.youtube.com/watch?v=cPNgGnUrCKM> ↫
62. "the ICOMOS panel considers that there is an imbalance between the scientific research requirements and prospects as indicated in the nomination dossier, and the proposed management plan. The ICOMOS Panel would appreciate if the State Party could provide reassurances regarding the continuing medium-and long-term funding of fundamental, independent, scientifically motivated and managed research programmes." ICOMOS Evaluation Unit letter to UNESCO, 22 Dec 2017;
<https://whc.unesco.org/document/165629> ↫
63. Chan Thomas, *The Adam and Eve Story*. Bengal Tiger Press; 1963; p. 45;
https://nobulart.com/media/The_Adam_And_Eve_Story-Chan_Thomas.pdf ↫
64. "A true polar wandering (TPW) event evidently changed the location of the pole around 11k-9k BP.;" UtahGeology website; extracted 12 Jul 2024;
<https://utahgeology.com/bin/iceage/index.html> ↫
65. Genesis 8:4-11: 40 days after the first mountain peaks reappeared Noah releases a dove which returns with nothing, then 7 days later he releases it again and it returns with an olive leaf in its beak. ↫
66. Gardening Know How. *Propagating Olive Trees: How To Grow An Olive Tree From A Pit*. Available at:
<https://www.gardeningknowhow.com/edible/fruits/olive/propagating-olive-pits.htm>. Accessed May 15, 2024.
 ↫
67. "[The Gods An and Enlil gave Zi-ud-sura and his wife eternal life and] settled Zi-ud-sura the king in an overseas country, in the land Dilmun, where the sun rises.;" ETCSL: *The Sumerian Great Flood Story: Segment E*; <https://www.mesopotamiangods.com/the-sumerian-great-flood-the-flood-story-translation/> ↫

68. Academy of Ancient Texts: "The Epic of Gilgamesh, Tablets IX, X, XI";
<http://www.ancienttexts.org/library/mesopotamian/gilgamesh/tab10.htm> ↫
69. Academy of Ancient Texts: "The Epic of Gilgamesh, Tablets IX, X, XI";
<http://www.ancienttexts.org/library/mesopotamian/gilgamesh/tab11.htm> ↫
70. *The challenges faced by long vessels in rough seas, including hogging and sagging stresses, are well-documented in naval architecture. These phenomena are extensively covered in sources such as the Society of Naval Architects and Marine Engineers' Principles of Naval Architecture. Additionally, the propensity for long, narrow vessels to roll in beam seas is a recognized issue in ship design and stability.* ~ Society of Naval Architects and Marine Engineers. *Principles of Naval Architecture. Various editions. This comprehensive reference covers the fundamental principles of ship design, including the structural stresses of hogging and sagging, and the stability challenges faced by vessels in various sea conditions.* ↫
71. Dr. Irving Finkle; "The Ark Before Noah: A Great Adventure"; extracted 3 Jun 2024;
https://www.youtube.com/watch?v=s_fkpZSnz2I ↫
72. *The Complete Book of Enoch: Chapter 5 – Book of the Words of Righteousness, Verse 5: "Your petition [to the high council for forgiveness] will not be granted unto you. And from henceforth you shall not ascend [back] into heaven unto all eternity, and in bonds of the earth the decree has gone forth to bind you for all the days of the world.";*
<https://ia801001.us.archive.org/19/items/TheCompleteBookOfEnochStandardEnglishVersionJayWinter/The%20Complete%20Book%20of%20Enoch%2C%20Standard%20English%20Version%20-Jay%20Winter.pdf> ↫
73. Two *seals discovered in the (c. 2500-1750 BC) from the DK area of Mohenjo Daro and one graffiti have representations of sea-going ships. There are two birds, forward and aft which seem to be dishakak used for finding direction. "It was common to carry such*

birds aboard, because their infallible flight towards the land when released helped the mariners in locating the direction of the land." The biblical Noah kept a raven and a dove in his ark and let them out at intervals to find out dry land. ~Mathew, K. S. (2018). *Shipbuilding, Navigation and the Portuguese in Pre-modern India*. Routledge. p. 32. ISBN 978-1-351-58833-1. ↪

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[\(ECDO\) Theory →](#)

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215 COMMENTS



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DeaneM

⌚ 4 days ago

Regarding the date of the “vulture stone” at Göbekli Tepe. 16,800 plus 25,772 equals 42,572. That’s within the margin of error for the Laschamp geomagnetic field excursion, which you discussed in footnote 27. You pointed out many problems with thermoremanent magnetization of volcanic material. Well, Steve Lund at USC analyzed ocean sediment cores from depths 3.5km to 4.8km on the Blake Ridge and Bahama Outer

Ridge. They indicate it was not a full magnetic pole reversal, but two pole excursions in clockwise loops (inclination and declination changes were out of phase, thus the “loop”). They included the north pole moving to southern Africa for at... [Read more »](#)

 0   Reply



The Ethical Skeptic

Author

 Reply to DeaneM  3 days ago

Excellent,

I added Figure 11 from the Lund study into the material. Given that geomagnetic poles wander and almost always have a variance, this is actually pretty solid data! Thanks Deane!

TES

 0   Reply



Mike Brizic

 9 days ago

Could you point me to the discussion related to the explanation of how the pyramids were able to be built with the message they send if mankind could not survive the ECDO? How was the knowledge available? The pyramids had to be built when there was no flood but there had to be knowledge that there was a flood, and that it would occur exactly the same again. How was all this known, and further, why would they be built to send the message (partially rhetorical)?

 0   Reply



The Ethical Skeptic

Author

 Reply to Mike Brizic  9 days ago

Mankind survived the ECDO cycle. It is not a complete extinction event – more like a 90% event. The mechanics of the State1-State2 hypothesis show why the Earth exhibits just about the same effect each time this happens. It is part of the Earth’s natural cycle. The water remains high (or altered by region) long enough for man to measure its levels and keep a record. Unfortunately, someone also did not want mankind to know about this cycle and has kept a habit

of destroying all such records – and the builders of the pyramid knew that this someone would... [Read more »](#)

 0   Reply



Jim

⌚ 15 days ago

Has anyone performed a “diff” of the most recent version? This material is dense with info and having read previous versions I would love to quickly read the changes, preferably inline. Thanks!

 0   Reply



John

⌚ 18 days ago

Would you be kind enough to elaborate why you believe the flip will be 104 degrees? I couldn't really understand why this particular number from this article.

 0   Reply



The Ethical Skeptic

Author

 Reply to [John](#) ⌚ 18 days ago

It is in the article, but relates to the hypothesis that the Khufu pyramid was both a tracking device as well as message to future generations.

 0   Reply



John

 Reply to [The Ethical Skeptic](#) ⌚ 17 days ago

I understand now, thank you.

I would assume that due to the constant changes undergoing in the earth, and the fact that the three distinct moments of inertia of earth are not vastly different like in a tennis racket, but rather just very slightly so, this time it could rotate in a completely different way.

Is this reasonable?

 0   Reply



The Ethical Skeptic Author

 Reply to John  17 days ago

It is possible, but right now I think that the moment differential is large enough, and the structures stable enough, that the same sort of scenario repeats for the most recent term of say 500,000 years or so. Our return to the discipline of the precession of the equinoxes is pretty striking in that regard.

 0   Reply



John

 Reply to The Ethical Skeptic  16 days ago

I am looking at the Alps, and see vast “rivers” formed, some 2km wide. Given that these are the Alps, it seems reasonable to assume that they were indeed caused over millions of years by the continuously melting ice. Looking at Saudi Arabia, at the receding shorelines that you mentioned, I also see many “rivers”, these up to 200m wide. I understand that the way we can differentiate the causes of their formation is to look at the width, depth, and amount of meandering. To my untrained eye this is consistent with your theory. In Africa we have the Emi... [Read more »](#)

 Last edited 16 days ago by John

 0   Reply



The Ethical Skeptic Author

 Reply to John  16 days ago

Zubair Group – recently erupted if I recall.

The Emi Koussi volcano eruption and inundation marks sound interesting. I will look in to that, thanks!

TES

 0   Reply



Zookie

⌚ 18 days ago

TES Phenomenal work, and the most convincing interpretation of what is in front of us. Always trust what you see, not what you're told! You mention the SAC-LLVP, and would wonder if you've had a look at the African landscape from Botswana, Namibia, Angola and Zambia? There are what appear to be marks of a rapidly receding shoreline of a great inland lake or sea, and very recently since they're sand dunes which haven't been eroded yet. Fishing villages remain in the middle of Botswana pans (Kubu Island), with no fishing possible even when there is water. This may show... [Read more »](#)

👍 0 💬 Reply



The Ethical Skeptic

Author

💬 Reply to Zookie ⌚ 18 days ago

Thanks Zookie! Will look...

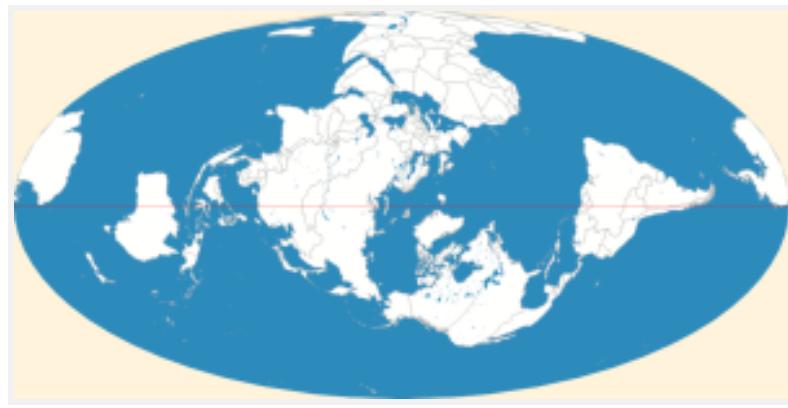
👍 0 💬 Reply



Xeon

⌚ 22 days ago

Greetings, some days ago I tried making a map of how the world would appear after the “flipping” happens (see pic attached). How would anyone be able to survive the ocean displacement? The only thing I can suggest is taking refuge in mountain areas above some hundred meters (this site might help finding the best place: <https://www.floodmap.net/?ct=1T>)... or in a bunker (maybe that was the purpose of the Derinkuyu underground city in Turkey?) I wonder, would someone be able to make an accurate prediction of the new Koppen climate areas of the world? For example, Antarctica and Greenland will obviously... [Read more »](#)



Like 0 Dislike Reply



NCU

1 month ago

Do you consciously not mention what mystics like Madame Blavatsky, Rudolf Steiner, Gurdjieff, etc. have said? I am just wondering.

<https://rsarchive.org/Lectures/GA180/English/AM1929/19171229p01.html>

I am sure with your great intellect you can scientifically point out the truth or inadequacy of the mystics' explanations.

very best

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to NCU 1 month ago

From Wind Whispers: Jumping off a cliff while holding your arms out does not mean that you have invented human flight. Praespeculacy (from the Latin 'prae-' meaning 'before or in front of' and '-speculum' meaning 'mirror') – refers to a type of prophecy-like pronouncement about future events. It is characterized by a deceptive framing that suggests divine or supernatural origin, when in reality it is merely a re-framing of current events using different or spiritually-tinged language. Distinct from forecasting, which is based on making projections from current data and trends, praespeculacy employs a method of deception that engages the audience... [Read more »](#)

Like 0 Dislike Reply



Mike
① 1 month ago

TES, if there is a recurring cataclysm documented with physical evidence, ancient structures, myths and, possibly, ancient documents; is it logical to conclude that the leadership of the earth (whatever they call themselves) know about it and may even have an idea on the timing?

thumb up 0 thumb down → Reply



The Ethical Skeptic Author
✉ Reply to [Mike](#) ① 1 month ago

Mike, I suspect they do have an idea on the timing, yes. The concerted effort to block any and all knowledge of this event, is telling. It is not 'governments', as those who are elected or appointed just simply have not had time to learn everything they need to know from the overlords. Plus, governments are appointed to manage welfare and laws for the workers. They are not there to manage the affairs of the Archons on Earth. The key here is that most of those who operate inside a demonic hierarchy are unaware that they do so. They don't... [Read more »](#)

thumb up 0 thumb down → Reply



Mike
✉ Reply to [The Ethical Skeptic](#) ① 1 month ago

So, I'd guess those competing plans might be what's driving all the unrest we're seeing across the world; competing factions trying to set the stage for the event and aftermath. Could the rush for mass migration be an attempt to setup one plan, or, more likely, to block a particular plan? It appears one faction wants to greatly reduce the population before this event occurs.

thumb up 0 thumb down → Reply



The Ethical Skeptic Author
✉ Reply to [Mike](#) ① 1 month ago

Mike,

I suspect that there are certain lineages they are enormously threatened by, yes. And they have been attempting to wipe them off the face of the Earth for some time now, by war, murder, pathogen, poisoning, catastrophe, lowered birth rate – all part of the unforgivable set of sins, a line they crossed long ago.

Like 0 Dislike Reply



DanMcTiernan

Reply to The Ethical Skeptic 1 month ago

TES, this comment of yours makes me want to digress to a couple of your posts on original sin and recent reminders thereof by officialdom. And of events near ancient stones in forests and, my guess would be, pheomelanin and guanine-heavy regions! I hope you someday expand on these articles too.

Like 0 Dislike Reply



Minute

1 month ago

I really enjoy the wisdom contained in these articles, but the language is as dense as Jordan Peterson's Maps of Meaning – Jordan is very proud, but everyone else complains that it's unreadable. I have to use ChatGPT to simplify the language in order to assimilate the knowledge. Even then, from just the first sentence I get: "There is no widely recognized concept in Earth sciences known as the "Indigo Point". It could be a misinterpretation or a metaphorical term, but it is not a standard term in the scientific literature.". It takes me days to go through an article... [Read more »](#)

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Minute 1 month ago

Perhaps your version of ChatGPT missed that an 'Indigo Point' is a principle I use in systems theory, not Earth sciences. The article even quotes: "Points Indigo and Tau are inflection and tipping points that I

often utilize when analyzing strategies, campaigns, problems, or deceptions. The Indigo Point is a critical juncture where plans are quietly set in motion, potentially irrevocably, steering towards a predetermined Tau strike point." That is an essential, as well as clear and simple, statement that your ChatGPT missed. There are over 100 details in this theory, just like that, which are critical in order to... [Read more »](#)

1 0 1 Reply



Minute

Reply to [The Ethical Skeptic](#) 1 month ago

Dear TES,

Thank you for your reply.

You have showed me how uneducated I am. Even with my background in mathematics, I didn't come across Simpson's Paradox before you mentioned it. I never even knew there exists a discipline called "systems theory". You clearly have a good understanding of statistics, geology, oceanography, seafaring and physics. Would you be so kind as to recommend any books that have helped you reach your level of understanding? This would help not only me, but also my kids, for whom I'm currently in the process of developing and education programme.

1 0 1 Reply



The Ethical Skeptic

Author

Reply to [Minute](#) 1 month ago

Minute, great question...

My fave books in this regard are (texts from undergrad and grad school – except "Piloting" was the Navy and Annapolis Sailing School):

Kip Thorne's, "Black Holes & Time Warps",
Madsen's, "Statistical Concepts with Applications to Business and Economics"
Ohring's, "Materials Science of Thin Films"
Jones, "Principles and Prevention of Erosion"
Maloney, "Chapman's Piloting"

Thurner, "Introduction to the Theory of Complex Systems"

and of course

Whitman, Poe, and Emerson... which ponder the mystery of "why"

:-)

TES

 0   Reply



Harvey

 Reply to Minute  1 month ago

"You clearly have a good understanding of statistics, geology, oceanography, seafaring and physics."

My girlfriend suggests TES must be a group of people. Please take that as a compliment.

 0   Reply



adamkadmon

 1 month ago

Fascinating insights! I'll take it you're familiar with Chris Dunns' hypothesis. The air shafts are 21cm in diameter which corresponds with the hydrogen line. The vitrification of the interior of the kings chamber and potential for high energy exitement of this gas pose some other questions. The grand gallery also adding to the mix. I always wondered if this structure was somehow part of a damping/feedback mechanism to control the earths speed of rotaion and angle to the ecliptic. The alluded to date of consrtuction also aligns approx with the start of the holocene.

 0   Reply



argmax

 1 month ago

The cobber wires are the most fascinating part of this. If anyone has more things to add please do comment.

Here is the video that showed the finding of those cobber wires by a robot:
<https://youtu.be/HVvj5KGUFkk?t=829>

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to argmax 1 month ago

Those were iron poles stuck up the shafts during a previous exploration. I wish they were the copper cables, but sadly they are not.

Like 0 Dislike Reply



argmax

Reply to The Ethical Skeptic 1 month ago

TES in 14.04 in the vid is where your 'cobber wires' photo is from. What am I missing ?

Like 0 Dislike Reply



argmax

Reply to argmax 1 month ago

More here: <http://www.catchpenny.org/shaftend.html>
pretty much what TES covered on the article.

Like 0 Dislike Reply



Not2Bent

1 month ago

precession

<https://youtu.be/kLfoy5V7CRE?si=DuRbqsNE3sTxQ2ye>

Like 0 Dislike Reply



Zod YinYang

Reply to Not2Bent 1 month ago

Certain keywords in my comment threads have attracted the 'Birkeland Current' shills.

In some ways one has to support them. Anyone who thinks there can be some funky non-gravitational force that keeps two stars physically bound to each other despite an 8.6 light year separation is pretty much a lost cause. :-/

 Last edited 1 month ago by Zod YinYang

 0   Reply



Not2Bent

⌚ 1 month ago

High energy source

Anthony L. Peratt

<https://www.plasmacosmology.net/peratt.html>

IEE transactions

<https://www.plasmacosmology.net/Characteristics-for-the-Occurrence-of-a-HighCurrent-ZPinch-Aurora-as-Recorded-in-Antiquity-squatter-squatting-man-Anthony-Peratt.pdf>

 0   Reply



The Ethical Skeptic

Author

 Reply to [Not2Bent](#) ⌚ 1 month ago

Thanks! Love this article.

 0   Reply



The Flip of the Earth

⌚ 1 month ago

[...] This is my first attempt at visualizing the mediated Dzhanibekov Rotation as described (and now included) in The Ethical Skeptic's article here. [...]

 0   Reply



Craig Stone

⌚ 1 month ago

Is this a fair approximation of the kind of transition that we might be looking at? No physics modelling involved here (yet). Merely a simple animation based on my interpretation.

<https://rumble.com/v4ypqzw-mediated-dzhanibekov-rotation.html>

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Craig Stone 1 month ago

Friggin awesome Craig. A couple changes we discuss on X. But this is fantastic.

TES

Like 0 Dislike Reply



Justagirl

Reply to Craig Stone 1 month ago

Excellent animation. Very helpful for those of us that can't do that in our head. Maybe I missed this part somewhere, but it's a key thing that needs to fit with the theory. I am still stuck on what happened to the ice? Is there a signature in the cap ice core data that is there, but not discussed? Both cap core data are suppose to go back 100K's of years in both Greenland and Vostok. Considering how fast ice melts, and the potential violence of the event, why are the caps that old?

What was the water dynamic on... [Read more »](#)

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Justagirl 1 month ago

In my hypothesis, it predicts that after the flip – the world is a volcanically dark, very cold, and wet place for a significant period of time. Perhaps this initiates an ice age. But that has all yet to be confirmed – but it part of the process of science. No one person proves out a hypothesis all by them self. This is how they control our thought, by simply refusing to participate in the process.

TES

Like 0 Dislike Reply



Neil

✉ Reply to [The Ethical Skeptic](#) ⏱ 1 month ago

We desperately need multiple someones to re-examine the known geological evidence with this in mind, and identify new data points (i.e., new core samples) that would be required to exclude your hypothesis. (See what I did there?) It would be a life's work for one person to take this up and see it through.

👍 0 💬 [Reply](#)



Zod YinYang

✉ Reply to [Justagirl](#) ⏱ 1 month ago

There are no ice ages. 30 degree crustal displacement every 12,000 years simply changes the latitude of various parts of The Earth's surface.

The temperature of The Earth's biosphere remains constant in geological time (unsurprising from a thermodynamics perspective).

Vostok just happens to end up displaced either side of the pole, i.e. always around 15 degrees away.

👍 0 💬 [Reply](#)



Jim

✉ Reply to [Zod YinYang](#) ⏱ 1 month ago

30 degrees "up" and then "down" again, I think is what you said — with essentially NO change in longitude? (I'm still combing through your previous comments).

👍 0 💬 [Reply](#)



Zod YinYang

✉ Reply to [Jim](#) ⏱ 1 month ago

Longitude is a human construct, but prior equators intersect at hinge points (90° from Giza), hence the GP remains axially aligned.

By 'changes latitude' I mean 'changes distance from the poles/equator'. This is effectively what causes abrupt

climate change (and changes in glaciation) for a particular region. Most interpretations of the Vostok ice core assume its latitude remains unchanged in geological time (instead of varying 10-20°), and can be used to infer global temperatures (thus erroneously inferring ‘ice ages’).

 Last edited 1 month ago by Zod YinYang

 0   Reply



Jeronimmo

 Reply to Zod YinYang  28 days ago

Thank you Zod for the many clues that you brought into this comment section. However, I wish that you could tell us more about the origin/source of this “30°” value. :-) This value reminded me of another mystery : the alignment of Eastern Island, Nazca, Giza and many more remarkable sites along a great circle. See Jim Allison : https://geolines.ru/eng/publications/HISTORIC-GEODESY/HISTORIC-GEODESY_39.html This great circle crosses over the equator at 48° 36' west longitude and 131° 24' east longitude, which points are 10° off the Euler axis points described in TES’s article. Moreover, the maximum latitude of the circle is 30° 22'... [Read more »](#)

 Last edited 28 days ago by Jeronimmo

 0   Reply



John Brady

 1 month ago

TES, you might find this interesting. Holger Isenberg calculated that the geographic centre of the earth varies with sea level. And with a sea level rise of 178m, the geographic centre is Giza.

Although he assumed a rise rather than a pole shift, I wondered if it might be of interest?

He also speculated that the erosion on Khufu were due to wave erosion.

See <https://mars-news.de/pyramids/gizacenter7.html> – specifically pages 7 and 8 but some of the others may be of interest too.

Like 0 Dislike Reply



Wijitmaker

1 month ago

Hey, stumbled across your website and I've been enjoying your blog – good stuff! Keep digging! I've got a lot to catch up on with the research you have collected this far. Just wanted to highlight something worth observing. You note the flood of Noah's day (40 days, non cyclical), but the text of the Torah/Bible can accommodate the ideas you are sharing here. There are actually 2 devastating floods recorded in the Bible. The first (often overlooked) is Gen 1:2 – which describes the aftermath of the last major cycle of catastrophism approximately 6000 years ago. Noah's flood gets... [Read more »](#)

Like 0 Dislike Reply



Haymes

1 month ago

TES, thanks for another thought provoking essay (I read them all). This is a mundane question but if the Great Pyramid was inundated for ~50 years how is it that there is no evidence that the King's or Queen's Chambers (nor the unrelated shaft discovered in 2022-23) were filled with silt?

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to [Haymes](#) 1 month ago

After 6 or 7 thousand years, how would you know much of anything about either chamber? They were originally completely sealed. They've been modified and occupied by humans that entire time since. Whatever was stored in them has been removed with prejudice. I suspect that prejudice extends to other accessible areas and surfaces as well. They just did not think about the Tura cap. Big mistake.

Like 0 Dislike Reply



Haymes

Reply to [The Ethical Skeptic](#) ⏱ 1 month ago

Thanks for your quick response. I'm not a pyramidologist so had no idea about the chambers being sealed.

1 like 0 dislike [Reply](#)



Zod YinYang

Reply to [Haymes](#) ⏱ 1 month ago

"Legends and records likewise speak of the fact that, before the Arabs removed the Pyramid's outer casing stones, one could see water marks on the stones halfway up the Pyramid's height, in about the 240-foot level, which would be 400 feet above the present Nile level." This is below the exit point of the KC air vents. The QC's vents, exiting below flood height, are terminated in flap valves (air out, but no water in). Most silt and other crud would settle in the 'subterranean chamber'. However, early explorers noticed plenty of salt encrustations throughout the chambers and passages.

Amusingly,... [Read more »](#)

1 like 0 dislike [Reply](#)



Haymes

Reply to [Zod YinYang](#) ⏱ 12 days ago

Thanks. Just catching up in early July 2024.

1 like 0 dislike [Reply](#)



DanMcTiernan

1 month ago

TES, your recent updates to the article are another article in itself. To relate to some past articles of yours, do you think that the one-trick pony from the beginning itself is still cast here? And possibly (hopefully?) the stellar event of 2 BCE implies that said Forces opted to see that it is indeed different this time as regards 'the property'? Or is this a tug playing along for more than this latter cycle? I understand one cannot truly answer these questions, but hopefully there are hints for, or against, these possibilities that you are aware of but not... [Read more »](#)

Last edited 1 month ago by [DanMcTiernan](#)

 0   Reply



The Ethical Skeptic

Author

 Reply to [DanMcTiernan](#)  1 month ago

Dan, Wow, you are paying attention. Sorry about that as well. I wish I could have the whole theory day one. But all theories evolve. This is my speculation – subject to change so that it is not a religion – but the entity which holds us captive does so under a false interpretation of The Law. If it had a valid claim, it would not need to hide itself, nor its history – nor would it need nuclear weapons to hold us hostage. That entity is showing signals of being in a state of panic – not status quo... [Read more »](#)

 0   Reply



Jim

 Reply to [The Ethical Skeptic](#)  1 month ago

Wow, okay this comment thread got me researching/reading back a ways. The entity which holds us captive wow ...

 0   Reply



Neil

 Reply to [The Ethical Skeptic](#)  1 month ago

TES, I do appreciate the additions, but could I suggest that you add a “last edited on (date)” note at the beginning? Some of my comments now look as though I hadn’t carefully read the article.

 0   Reply



Thrawlbrauna

 2 months ago

First of all TES. Thank you for your work. I’ve always wondered about the floods and expected something to this extent. After reading all this it explains all the hysteria and media. They know it’s coming too, just a matter of time. I had the fam watch a bunch of those pool vs earthquake videos just to give them the smallest of tastes of what something like that

could be like. I can only imaging what it would look like to be on an airplane in the upper atmosphere looking down as the world flips beneath you. The ensuing force... [Read more »](#)

 0   Reply



johnm33

⌚ 2 months ago

Hi TES you may be interested in this <https://www.youtube.com/watch?v=J-I-SbCFhL0&t=206s> I've been thinking along similar lines, but think the low velocity zones, close to the core, are based on low melt temperature metals saturated with H+ ions increasing their density by a significant fraction. Once they breakout occurs the H+ begins to escape and harvests the oxygen from the minerals it encounters. In fact a huge number of exothermic reactions begin to cascade creating masses of lightweight minerals that begin to ascend altering the once balanced [?] mantle. I can't find any work on the subject but I suspect that @30Km... [Read more »](#)

 0   Reply



johnm33

✉ Reply to [johnm33](#) ⌚ 1 month ago

I'm not alone in considering the possibility of hydrogen storage in the core, this paper examines it although they differ inasmuch as I'm thinking of H+ rather than H₂ and they remain faithful to the accretion hypothesis. If there was a singular outbreak on one side of the core then the shock waves from explosive, expansive exothermic reactions should cause a similar antipodal outbreak, rinse repeat. <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2022GL101155> Quite how it [H+] gets there is a subject for speculation and mine have moved as far as abandoning the 'accretion model' to one where dense planets and moons are formed in the... [Read more »](#)

 0   Reply



Jacomijn

⌚ 2 months ago

Years ago, I visited Spitsbergen (Svalbard), currently part of Norway. The islands are littered with thousands of fossils of tropical plants.

Like 0 Dislike Reply



Daniel B

2 months ago

I have looked at quite a few different angles to explain aspects of the flood in Genesis. Melting ice caps Expanding Earth Localized flooding only This post is fascinating and really fresh entry into that realm. Really one of the most credible ones I've yet to see. While it may be difficult to see the Earth flipping over like a wing-nut I can't say that it isn't possible. What has taken humanity so long to reach their current status? Is it that we didn't develop beer sooner so we could sit around and talk about issues, or does the Earth... [Read more »](#)

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Daniel B 2 months ago

Daniel, thanks. I hate this idea – but what if this planet was intended as a DNA-garden and not as a habitable home for a large civilization. For precisely this reason – it flips over.

Like 0 Dislike Reply



Neil

Reply to The Ethical Skeptic 2 months ago

One would think that the Helvetii or Tibetans would have stories to tell about this. Pre-Columbian North America has only vague flood myths. China has flood myths, but they appear to be propaganda for imperial large-scale hydraulic projects. I suspect that geological evidence can be re-sequenced to fit this hypothesis, and it has a great deal of explanatory power as to the apparent world-wide astronomical obsession on the part of neolithic societies. But to my knowledge, there is only one fairly detailed description of the cataclysm, if cataclysm it was. Why? The human evolutionary funnels are much older than this,... [Read more »](#)

 0   Reply



CrystalSurfer

 Reply to [The Ethical Skeptic](#)  1 month ago

That's an interesting idea. Aren't there jumps in evolution erupting from our recorded extinction events? Higher doses of cosmic and solar radiation, due to a crippled Earth's magnetic field could explain that? An intelligent design/evolution method.

 0   Reply



Wijitmaker

 Reply to [Daniel B](#)  1 month ago

Closely aligned to the idea of expanding earth is the hollow/inner earth hypothesis. That is a deep rabbit hole to fall into. Pun intended ;)

I saw a recent news about a massive ocean found in the “mantle”
<https://weather.com/en-IN/india/science/news/2024-04-04-massive-ocean-found-700-kilometres-beneath-earth-surface>

Smaller earth diameter also has the potential to explain puzzling aspect of gigantism in the fossil record.

 0   Reply



Justagirl

 2 months ago

Thanks for posting this. You are one of the most unique and interesting minds out there.

It's all about the forces, isn't it? Brilliant, hard to dismiss, horrifying.

I put what looked like your new old North Pole into an Antipode generator to help see this but I really think it would be useful to make a scale model animation start to finish. See if what you are proposing should have other supporting geological evidence. For example Neil 's flood idea – what would happen to the ice? Do we see that?

<https://www.geodatos.net/en/antipodes/malawi>

 0   Reply



Bruno

⌚ 2 months ago

So your saying I should stop sending Al Gore money to save the planet

👍 0 💬 Reply



Antti Säippä

⌚ 2 months ago

Very interesting analysis. And oh yes; this: “(*my commentary: why someone would wish to live forever in this realm is beyond me*).” – could not agree more...

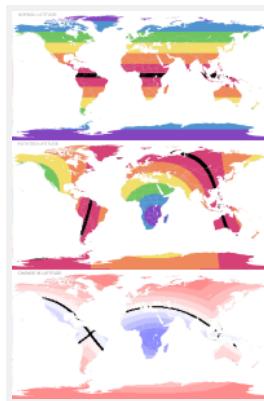
👍 0 💬 Reply



Anonymous

⌚ 2 months ago

If accurate, free to share.



👍 0 💬 Reply



Justagirl

🔗 Reply to Anonymous ⌚ 2 months ago

YES. This sort of information would give ideas about what sort of other evidence there should be, and where.

👍 0 💬 Reply



DanMcTiernan

⌚ 2 months ago

Dear TES,you have transformed an enigma into a highly salient case with this one, however unnerving it may be. Reading up further, it seems that the shafts are not straight but have varying inclinations and-or turns in 3D space as they span out from the chambers. I understand the hypothesis refers to the longer, outer parts of the shafts as the polar indicators. But what about their lower sections closer to the chambers? Are these mere construction artifacts or could their lengths and angles denote something else as to the nature and sequence of the event(s)? Should one consider optics... [Read more »](#)

>Last edited 2 months ago by DanMcTiernan

thumb up 0 thumb down Reply



The Ethical Skeptic

Author

Reply to DanMcTiernan ⌚ 2 months ago

Dan, When I examined the Pyramids, there were two grades of work. Fine stone work and placement in the interior and underlayment. And crude stone work with regard to the stacked Mokattam stones of the pyramid itself. Two different craftsmen and two different standards of construction, with the latter being far less talented than the former. These were not purposed, rather two different cultures doing what they could do. It was cultural talent, not trade group assignments. I believe that there was an original fine granite temple structure that the shafts had to work around before making their stellar run... [Read more »](#)

thumb up 0 thumb down Reply



DanMcTiernan

Reply to The Ethical Skeptic ⌚ 2 months ago

Fascinating. Presumably, if this holds true, the original structure is likely still there but the exact delineation of the overlaid vs original stonework has not been mapped to date, correct? An even more ancient device that its last prediluvian guardians chose to safeguard against known, ill intent by going to extremes, and by, either necessary, or even calculated, compromise, somewhat obscuring the message?

 Last edited 2 months ago by DanMcTiernan

 0   Reply



Mike

⌚ 2 months ago

The proposed period of these changes is mentioned as 10-50 years. Is this just based on the pyramid erosion or have you found evidence of this period other places? Also, is the assumption land masses return to the original locations or is it that the earth just settles down and the waters recede? When I first read the work, I assumed the shift would be relatively static until the next iteration, but on the third or forth read, I took it to mean the entire change would only last 10-50 years.

 0   Reply



The Ethical Skeptic

Author

 Reply to [Mike](#) ⌚ 2 months ago

Mike, three things: 1. The very nominal erosion on the Khafre Pyramid suggests a fairly short inundation timeframe. Not a short period (<5 years). But certainly not 1,000 years either. 2. We have not found enormous layers of sediments commensurate with a long exposure as sea-bottom in most places - so this would appear as either a flash or regional flood, or even not at all in most cases. 3. Finding a number of whale skeletons far into Egypt away from the Med at Wadi Al-Hitan (Whale Valley) should have tipped someone off... LOL!! I don't know why we don't... [Read more »](#)

 0   Reply



Anonymous

⌚ 2 months ago

If the surface rotated 104 degrees relative to the spin axis, the spin-produced equatorial bulge would be misplaced. The earth's radius is about 22 km greater at the equator than at the poles. I don't know how quickly rock would adjust, but water and air would flow more quickly towards equipotential. Intuitively, this would produce two 20-km deep oceans over each of the normal poles (shifted to the tropics) absorbing all of Earth's ocean water, while land near the new poles would rise above

the atmosphere. To give a sense of scale, even the tallest mountains of Antarctica would be deep underwater,... [Read more »](#)

 0   Reply



The Ethical Skeptic

Author

 Reply to [Anonymous](#)  2 months ago

We don't know the plastic dynamics of the mantle, asthenosphere, and lithosphere, except to note that they are all indeed plastic at 932 to 4000 degrees C. They would deform immediately. during the days of the shift. Probably not a pleasant thing, even if one was up above the flood-wash.

 0   Reply



Thoughtful

 Reply to [Anonymous](#)  2 months ago

So is this why all the billionaires are building bunkers on Maui? I had assumed it would be 1) inundated by the ocean, or 2) consumed in volcanic events.

 0   Reply



Jim

 2 months ago

Layman here. If the pyramids are a warning and instruction manual, why is the info so cryptic? Aren't the hieroglyphs a language? Why not just tell future inhabitants with language and easy to understand artwork?

 0   Reply



The Ethical Skeptic

Author

 Reply to [Jim](#)  2 months ago

Jim, I asked my self this same question many times. I don't think they were built during the era of hieroglyphic writing – as there are no hieroglyphs at all in the Pyramid. There are some red ochre markings in the Queen's south shaft, but they are engineering marks. The relieving chamber markings are forgeries by Vyze. Here is the issue: no matter what the pyramid was made for, they did not say in this

manner. And it was not made for any trivial reason. So, every alternative carries this weight of having to explain this, and none do –... [Read more »](#)

Like 0 Dislike Reply



DanMcTiernan

Reply to The Ethical Skeptic 2 months ago

TES, regarding the destroyed one, did you mean the Djedefre pyramid? I had to look it up, surprisingly it is not a commonly known fact.

Last edited 2 months ago by DanMcTiernan

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to DanMcTiernan 2 months ago

Yes, lately they say it is as large a Menkuare. But when originally found, the estimate was that it was a significant fraction of Khufu.

Like 0 Dislike Reply



Jim

Reply to The Ethical Skeptic 2 months ago

I can't help kick the feeling that a laser or water-jet carving (whatever tech they used to quickly and accurately cut the stones) could have communicated the need to plan for Earth Destruction every 12,000 revolutions around the sun. Maybe there are carvings somewhere, just haven't found them. Maybe that's what's hiding under the Sphynx that we're not allowed to see. But nevermind that, I know it's woo-woo. Back to facts ... more to read. Thank you!

Like 0 Dislike Reply



Thoughtful

Reply to The Ethical Skeptic 2 months ago

I have been deeply unsettled, meditating on your work (I'd read the prior two articles as they came out), these last 24hrs. I'm grieving a bit – this loss of ignorance. Your comment here: "I speculate that someone powerful and old, does not want this known – and the builders of the pyramid knew this," is particularly haunting. Powerful, I can imagine. Is this "someone" still extant (hence, the "old")? The presumption was they pre-existed the deluge, and then survived it to have (continuing) influence on the hiding of this information from future generations. Qui bono? Are you thinking the... [Read more »](#)

 0   Reply



The Ethical Skeptic

Author

 Reply to Thoughtful  2 months ago

Utanapishtim 2.0 LOL!!!! I love it.

I hold a hypothesis (not proven, not a religion...) that indeed there are such antediluvian entities. They don't like mankind a whole lot from what I can gather. The whole focus on sin and punishment and presenting yourself as a god or higher being, is a obsession of a demonic nature.

Is there an 'ark' – yes, there are many.

 0   Reply



Thoughtful

 Reply to The Ethical Skeptic  2 months ago

Would they happen to actually resemble anything of Naval origins?! Do tell!

Short of buying land in the upper reaches of the Rockies (and all the items needed to survive a decade or two of ash-winter ... or more... which presumes we were lucky enough not to be zapped by volcanic lightning or crushed by heaving rockslides or blown to smithereens by hurricane-strength winds), I'm not sure what us lowly (but awakened) serfs are to do with this knowledge.

My desire to see my children survive this is unquenchable.

 0   Reply



Jim

 Reply to [The Ethical Skeptic](#)  1 month ago

Re-reading comments, I am struck by this: So where are the “arks” and who built them?

 0   Reply



Harvey

 2 months ago

God may have a sense of humor. Since no building will survive, the remaining humans will be the homeless and mentally ill living in tent cities. The climate change grifters, with their beach front property and yachts, will be the first to go swimming in mile-high waves.

 0   Reply



Mugzy

 2 months ago

Wouldn't this potentially discredit many different ‘truths’? Just randomly thought of the Grand Canyon and the Colorado River and the Great Salt Lake for instance.

 0   Reply



The Ethical Skeptic

Author

 Reply to [Mugzy](#)  2 months ago

It would explain many great salt plains, lakes, and deserts. It leaves the Grand Canyon open to three possible formation philosophies – inundation, melt-off, and classic gradualism.

 0   Reply

**CrystalSurfer** Reply to [The Ethical Skeptic](#) 2 months ago

or a ‘thunderbolt of the gods’ – atmospheric electrical discharge?

0 Reply

**The Ethical Skeptic**

Author

 Reply to [CrystalSurfer](#) 2 months ago

Two distinct periods of erosion in the Grand Canyon, but that discharge scar on Mars gives pause, yes.

0 Reply

**George**

2 months ago

After digesting this for a couple days, my first thought was I’m not going to worry because this is something out of my control.

Now, my thinking has shifted a bit and the engineer in me is attracted by the dangling challenge of pondering a solution to the right problem. What a fascinating cross domain challenge for a generalist.

The irony of having recently read “The three body problem” is not lost on me.

Last edited 2 months ago by George

0 Reply

**Meade** Reply to [George](#) 2 months ago

likewise and besides finding a safer location on Earth, it kind of serves as an impetus to figure out how to survive in outer space as such an environment is free of natural disasters save gamma ray bursts and solar flares

0 Reply



Neil

⌚ 2 months ago

I'm having trouble putting together the proposed timeline. Is the hypothesis that the Khufu pyramid was constructed prior to the last cataclysm, or after? Image 1 suggests *before* (it was inundated along with Khafre). If so, then how could it have been intended as a warning since that civilization had not yet experienced the cataclysm? Or, was it built *during* the cataclysm (the "northern sky" map currently faces south)?

👍 0 💬 Reply



The Ethical Skeptic

Author

✉️ Reply to [Neil](#) ⌚ 2 months ago

Neil,

Understood. I leave that open for future investigation as to specifics, because the Khufu Pyramid shows both before and after indications. The shaft is a documentation of a past inundation angle, as both a record of that event and prediction of a future one, but the Tura limestone casing is the documentation of another later one (the last one to occur). So it is both, since this is an 'oscillation' theory – not a single event.

In fact, this matches what the Priests of Ptah told Herodotus in the text.

TES

👍 0 💬 Reply



Neil

✉️ Reply to [The Ethical Skeptic](#) ⌚ 2 months ago

I've been pondering this. Fewest assumptions with maximal explanatory power is achieved if Khufu was built in the midst of an event, in between two (or more) "floods" that happened over the period of a few hundred years. The "north sky" faces south because it was, in fact, facing south at the time of construction. A conclusion that can be drawn from this construct is that the society that built Khafre not only survived, but retained much of their technical capability after at least the

initial catastrophe. Enough to build Khufu in between floods, and to pass down what had... [Read more »](#)



1 like 0 dislike [Reply](#)



The Ethical Skeptic

Author

[Reply to Neil](#) 2 months ago

Something akin to this is what I am thinking as well Neil.

1 like 0 dislike [Reply](#)



Neil

[Reply to The Ethical Skeptic](#) 2 months ago

I popped open a large-scale topo map of North America, and all of a sudden I saw river bottoms and shorelines...

1 like 0 dislike [Reply](#)



Josh

[Reply to Neil](#) 15 days ago

Neil,

Based on your look at the topographic map, where were the shorelines in North America?

I added a topographic map of North America and marked the map with a red line where it appears the shoreline might have been.

From what I'm seeing, it looks like there could have been a shoreline somewhere around the eastern edge

of the Great Plains ... roughly through the middle of Nebraska and Kansas. It looks like there are North/South flow lines east of that line.

Is this what you're seeing?



1 like 0 dislike [Reply](#)



Neil

[Reply to The Ethical Skeptic](#) 2 months ago

Another thought: The catastrophe must have been somewhat localized. The homo sapiens “evolutionary funnel” is at least an order of magnitude older than 12000 years ago.

1 like 0 dislike [Reply](#)



George

2 months ago

Fascinating. Someone sent me a doomsday astrological video portending doom in the form of solar activity and shifting of the earth's axis. However, they provided no explanation as to why so I dismissed it.

This is outstanding detective work, and I daresay, unsettling.

Last edited 2 months ago by George

1 like 0 dislike [Reply](#)



The Ethical Skeptic

Author

[Reply to George](#) 2 months ago

Agreed George,

Probably subconsciously part of the reason I opposed the idea for so long. If I had not traveled there and seen the ancient shorelines myself, I might have still dismissed regardless.

TES

 0   Reply



Harvey

① 2 months ago

Thank you, TES. Fascinating the way you pull together your climate theory with your pyramid observations. I always have to read your articles 2-3 times to fully comprehend. It's pretty neat how the pyramid has the 104 degree flip built in. Is it likely that subsequent flips would be the same angle? Movement of core-mantle material would seem to be pretty random. Maybe you aren't suggesting that. Only that early humans lived through this and built an observatory and warning for the future. Here we are as a society wasting resources on CO₂, while our eyes are closed to the... [Read more »](#)

 0   Reply



Max

① 2 months ago

Fascinating paper. However, why would the ocean settle on the Giza plateau (and presumably other currently elevated areas) for up to 50 years rather than drain back into its former position within a few days or weeks of 'the deluge'? Or is the suggestion that it did and the observed erosion happened in that very short timeframe? Or perhaps the melting of the ice caps, now at warmer latitudes, results in an overall increase in global sea level of several hundred feet but then there should be plenty of evidence of the new shorelines at this higher elevation if they... [Read more »](#)

 0   Reply



The Ethical Skeptic

Author

 Reply to Max ① 2 months ago

The difference between ocean heights globally is about 680 ft, as compared to a perfect sphere. When the Earth changes orientation, the oceans take on a different set of positions and 'bulges' if you will, still in that 680 ft differential from lowest to highest. So dry land appears where ocean once was, and some land gets submerged, until the Earth rights itself back into position 10 to 50 years later. Then, what you cite, happens (albeit not exactly the same as it once was).

Like 0 Dislike Reply



Zod YinYang

Reply to Max 2 months ago

"Legends and records likewise speak of the fact that, before the Arabs removed the Pyramid's outer casing stones, one could see water marks on the stones halfway up the Pyramid's height, in about the 240-foot level, which would be 400 feet above the present Nile level." Such cataclysmic floods result from mega-tsunami (oceans slopping out of their basins), and they will remain for a considerable amount of time, because The Earth is not hard like a glass marble, but deforms according to distribution of mass (whether solid like ice or liquid like water). This is also why it is oblate... [Read more »](#)

Like 0 Dislike Reply



Flange

2 months ago

G'day TES, Wonderful work on all fronts. If you are not already aware of Mario BuildsReps suggest you spend some time checking out his work and how it may tie into (or not) your hypothesis. Admittedly he lands out on 47.1W meridian through Greenland and is currently using earth crust displacement as the most likely mechanism to explain his observations. Orientations of Pyramids and Temples Correlates With Ice Ages (mariobuildreps.com) or 2 hours with a bit more meat on the bone at Brothers of the Serpent (of Randall Carlson ilk) Episode #254: Mario Buildreps – Ancient Alignments & Crustal Displacement... [Read more »](#)

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Flange 2 months ago

Thanks Flange! Will take a look.

Like 0 Dislike Reply



John Day

2 months ago

I don't know how much you look at Ben Davidson's work, but this is something he does talk about a lot, "catastrophism" on a 12,000 year cycle, <https://www.youtube.com/playlist?list=PLHSoxioQtwZcVcFC85TxEEiirgfXwhfsw>

and sometimes with flips of rotational axis for our fair planet:

Earth Core Protrusion | Advanced Catastrophism



Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to John Day 2 months ago

John, I do not follow the detail for many of these, because I don't want to sway the direction of my observation basis or inference. I don't want to pick up something they say, and then have it surface subconsciously later as noise in my chain of critical path questions. The solar arguments are good, they are just not salient right now. Their core/H-layer/HCP-BCC/mantle/LLVP arguments are awkward, lack experience, and only serve to mislead and confuse. Effects are issued as general catastrophic descriptions, rather than specific principles of materials science and geophysics. I don't want that in my thinking either.... [Read more »](#)

 0   Reply



John Day

 Reply to [The Ethical Skeptic](#)  2 months ago

Thanks TES. I agree about Ben's presentation/personality/style, but do hold in my consciousness his prediction of the timely return of the galactic current sheet phase reversal, for which our planetary magnetic field may be a "probe" of sorts. By this particular analysis (much appreciated at NASA, I'm told by my NASA friend) this approaches before 2050, with or without a rotational flip.

 0   Reply



Goldenhawk

 2 months ago

What fascinating hypotheses and questions you've raised. I don't really understand, but I've been able to come up with some exploratory questions. "It is our contention that we are now well past Point Indigo in this process, have incorrectly interpreted the heat presented by this transpiration as being caused by man's activity alone, and now face a need to detect the approach of a Point Tau Gyroscopically Mediated Dzhanibekov rotation." If we were to manage (against massive cognitive bias and firmly entrenched beliefs in existing paradigms) to detect the onset of a Tau event, what could we do about it?... [Read more »](#)

 Last edited 2 months ago by [Goldenhawk](#)

 0   Reply



John Day

 Reply to [Goldenhawk](#)  2 months ago

Do look at Ben Davidson's analysis of where the oceans slosh with a rotational axis shift. The first 3 videos can be watched in 19 minutes. Tibet should do ok, for instance. <https://www.youtube.com/playlist?list=PLHSoxioQtwZcVcFC85TxEEiirgfXwhfsw>

 0   Reply



Goldenhawk

✉ Reply to John Day ⏰ 2 months ago

Thank you, I will watch.

👍 0 💬 Reply



Libertybella

⌚ 2 months ago

help..I am having trouble visualizing how the earth may tilt and the direction of the tilt. I am in northeast Tennessee...will I end up at the north pole?

👍 0 💬 Reply



The Ethical Skeptic

Author

✉ Reply to Libertybella ⏰ 2 months ago

It will be akin to Patagonia in South America – pretty dang cold. But not Antarctic.

👍 0 💬 Reply



Libertybella

✉ Reply to The Ethical Skeptic ⏰ 2 months ago

Hmm unless this event cause a new ice age. Then I'm screwed. The Appalachians have such a high amount of biodiversity. Hard to believe it was at a Patagonia type environment 12000 years ago. I'm

👍 0 💬 Reply



The Ethical Skeptic

Author

✉ Reply to Libertybella ⏰ 2 months ago

This event does not last long – only long enough to erode Khafre. So 10 – 50 years???

👍 0 💬 Reply



Klayt

⌚ 2 months ago

Does anyone fund this research? I would imagine its difficult to get anything when its not anthropogenic warming.

👍 0 💬 Reply



The Ethical Skeptic

Author

💬 Reply to Klayt ⌚ 2 months ago

No, it is just me.

👍 0 💬 Reply



John Day

💬 Reply to The Ethical Skeptic ⌚ 2 months ago

I'm closing today's blog post with your article, Sir Skeptic.
Thank You, again.

👍 0 💬 Reply



The Ethical Skeptic

Author

💬 Reply to John Day ⌚ 2 months ago

You are welcome John,

And thank you again for readership and intelligent engagement. I hope to return the same... just got off an entire day of conference calls, uggghh.

TES

👍 0 💬 Reply



John Day

💬 Reply to The Ethical Skeptic ⌚ 2 months ago

I'm sorry to hear that. It's time for me to get a bike ride in. Here is the post, Amigo:

<https://drjohnsblog.substack.com/p/meet-the-unit>

👍 0 💬 Reply

**Coyote**

⌚ 2 months ago

It seems likely (without doing any math) that milankovitch cycles and/or solar cycles could play into this by distributing polar region ice weight to the equatorial water bulge through melting and vice versa ya? This would be a non insignificant change in mass along different axis and also occurring in predictable cycles correct?

0 Reply

**The Ethical Skeptic**

Author

✉ Reply to [Coyote](#) ⌚ 2 months ago

Yes, but it is something which would also both relocate and become chaotic during a rotation – and become more a factor of instability rather than securing Earth's poles in a different orientation. The mass of the mantle, the gyroscopic effect, and the moment of magnetism – are all vastly more powerful.

0 Reply

**Zod YinYang**✉ Reply to [The Ethical Skeptic](#) ⌚ 2 months ago

There is a big difference between a Dzhanibekov 180° axial flip, and a force sufficient to displace the Earth's crust by 30°. Moreover, you also need to explain how this can occur suddenly, within the space of a day (20-30 hours from onset to completion), such that the same force that displaces the crust also displaces the oceans (the former doesn't cause the latter). You also have to tie this causation in with 'twice a great year'. Sedimentary strata record these regular cataclysms: each stratum laid in a day, each discontinuity ('bedding layer') laid in 12ka of weathering/vegetation. qv Punctuated... [Read more »](#)

0 Reply

**Thoughtful**✉ Reply to [Zod YinYang](#) ⌚ 2 months ago

I'm trying to very quickly become, well, not an idiot... on this subject. Forgive the elementary approach, but I read something by a learned person that suggested it would

be the magnetism (tide) caused by a close planetary body (Saturn) that would temporarily pull the oceans to the point of massive displacement and the slosh would be the result of its reversal. Such a planetary pull would displace both crust and oceans, no?

 Last edited 2 months ago by Thoughtful

 0  Reply



The Ethical Skeptic

Author

 Reply to Thoughtful  2 months ago

Magnetism decreases by the square of the distance between the objects. So, anything which would influence the rotational body of the Earth has to be REALLY close by. The only thing really close by, is the core. The oceans do not have enough mass to cause the Earth to flip. Only the mesosphere (mantle) carries this mass sufficiency. Therefore, we have to start by looking there – at its imbalances and magnetic qualities. Nothing else is stronger.

 0  Reply



Zod YinYang

 Reply to Thoughtful  2 months ago

This smacks of Velikovsky and/or the rogue body fly-by hypothesis. qv

<https://rationalwiki.org/wiki/Herc%C3%B3lubus>

Even if not quite infinitely improbable, this is not repeatable, at least not with the repeatability evidenced by sedimentary strata.

Also see the film Magnolia.

The force sufficient to displace the crust comes neither from a passing body, nor from within the planet.

 0  Reply



Jim

 Reply to Zod YinYang  1 month ago

I left you a comment on another thread, I hope you respond there. Looking for another clue. I'm doing the research but I'm stuck.

Like 0 Dislike Reply



Zod YinYang

Reply to Zod YinYang 1 month ago

Oops. I meant MELANCHOLIA (Lars von Trier) – not Magnolia.

Like 0 Dislike Reply



Scott

Reply to The Ethical Skeptic 2 months ago



Like 0 Dislike Reply

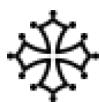


Syed Haider

2 months ago

It's remarkable that an ancient civilization could maintain continuous records long enough to ensure that they lasted through 4 of these flips, and could then build a massive warning sign at just the right place – a location that can only be known by having survived to see both the before and after times.

Like 0 Dislike Reply



Zod YinYang

Reply to Syed Haider 2 months ago

Flips even prior to h sapiens – for billions of years.

It's like Groundhog Day, but where each day is 12,000 years long, and antediluvian h sapiens must somehow communicate with the next technologically advanced antediluvian civilisation, to explain the planet's problem and warn them to prepare, to avoid being sent back to the stone age yet again.

h sapiens is indeed ingenious

See Samsara.

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Zod YinYang 2 months ago

Well put, Zod...

Like 0 Dislike Reply



Coyote

Reply to The Ethical Skeptic 2 months ago

It begs the question if this was a warning to future civilization then there must be an astrological calendar pointing to when this would occur, perhaps based on location in the procession of the equinox.

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Coyote 2 months ago

I suspect Coyote, that the prevalence of stone circles in most cultures which sprang from an Egyptian tradition, were looking for this to occur at any time. So, I doubt they were given a specific periodicity. Although I do hear a couple being bandied about.

Like 0 Dislike Reply



Zod YinYang

Reply to Coyote 2 months ago

Hence my pseudonym. There are two terrestrial lifecycles per Great Year (cf Platonic Year), symbolised by Yin & Yang – within our astrological calendar aka The Zodiac. “This is the dawning of the age of Aquarius”. Aquarius is aka ‘The Sign of The Son of Man’. And, the age of Aquarius commences with cataclysm – the pouring out of the pitcher that the water bearer bears. The Yuga cycle is another calendar (which includes an

important aspect not present in the Zodiac). We are looking forward to the New World Order (new order of the ages), being Aquarius to Virgo.... [Read more »](#)

 0   Reply



peter

 Reply to [Coyote](#)  1 month ago

Maybe the Saptarshi calendar ...when Sanskrit was in use ...?

 0   Reply



Jim

 Reply to [Zod YinYang](#)  2 months ago

Zod, clarifying if you meant the movie Samsara?

 0   Reply



Zod YinYang

 Reply to [Jim](#)  2 months ago

<https://en.wikipedia.org/wiki/Samsara>

 0   Reply



Jim

 Reply to [Zod YinYang](#)  2 months ago

O...M...G... So , in the vein of “they always tell you what they’re gonna do before they do it” .. is all this WEF talk of a “Great Reset” — is it all a cover/distraction while also announcing the imminent Samsara? Holy cow if so.... whoah.

 0   Reply



Zod YinYang

 Reply to [Jim](#)  2 months ago

Yes, Samsara being about the cyclic rebirth of mankind (not an individual), Klaus Schwab’s blurb was simply

him ‘writing between the lines’ about the coming ‘Great Reset’, and the aspiration to ‘Build back better’ thereafter, i.e. from a technologically advanced starting point, rather than merely proto-agricultural. Given a dozen millennia in which to progress from electricity and computers, the next cataclysm will be water off a duck’s back... Mankind will then have finally escaped Samsara and reached Nirvana – thus breaching Fermi’s Great Filter.

Like 0 Dislike Reply



johnm33

Reply to Zod YinYang 2 months ago

I have the impression that before the collapse prior to the pyramid being built that narratives were constructed by poets, and constantly reworked, that contained all the information necessary to lead a ‘civilised’ life. They’d be taught through childhood in annual cycles with more verses and complexity being added year by year. Any fool could remember the verses the wise were left to make what connections they could as required by circumstance, if they mastered them they too could become poets in turn. Some of these tales remain in the Vedas whereas Homers work is the last iteration in the... [Read more »](#)

Like 0 Dislike Reply



Zod YinYang

Reply to johnm33 2 months ago

TPTB are evidently confident they have sufficiently prepared to ensure mankind’s technological advancement is preserved across the cataclysm, otherwise they would have repaired The Great Pyramid, and/or built an equivalent device (3rd temple). However, yes, passing knowledge of cyclic cataclysm down through the generations, and over the ages, is of vital importance. Hamlet’s Mill is worth a read in this respect – the ‘Mill’ being the rotation of the celestial sphere (Zodiac, Great Year, Yuga Cycle, etc.) and the grinding out of mankind twice per rotation (Yin/Yang).

Also see Plato's Critias dialogues
(Kataklysmos/Ekpyrosis).

Like 0 Dislike Reply



Goofy

2 months ago

You know how you can tape a penny to a fan that wobbles to smooth it out? What if the pyramids were pennies precisely placed to reduce wobble?

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Goofy 2 months ago

Not nearly enough mass – one earthquake redistributes far more mass than the all the pyramids on Earth taken at once.

Like 0 Dislike Reply



Zod YinYang

2 months ago

“Core-Mantle Decoupling” is not what causes crustal displacement, and is rather Hapgoodian. The Dzhanibekov effect can certainly help understand how a spinning body can undergo a 180° reorientation (including spin reversal) without loss of momentum, but The Earth is not dynamically unstable, so will not spontaneously flip. The Great Pyramid was positioned at the equator and its longitude in order for us to understand that by remaining axially aligned, but 30° displaced, the crust is most tightly bonded +/-90° from it, and will displace 30° back to the equator upon the next displacement. To understand the considerable force that causes... [Read more »](#)

Like 0 Dislike Reply



Lao Tsu 2

Reply to Zod YinYang 2 months ago

If you visit the Queen’s pyramid and walk up the shaft, you’ll see notches where the floor & walls meet. These hold beams in place as

blocks are slid up or down, no matter the angle of the overall shaft.

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Zod YinYang 2 months ago

Dzhanibekov rotation is not a result of rotation instability.

Like 0 Dislike Reply



Syed Haider

Reply to The Ethical Skeptic 2 months ago

Everywhere I tried to look it up they said Dzhanibekov rotation was due to what I interpret as initial instability in the spin, i.e. the other axes have some non zero angular velocities that increase due to inertia until the flip happens. For example on Wikipedia the mathematical explanation relies on at least small initial values for the angular velocities of the secondary axes. From what I understood of the argument "dynamic instability" must be present if the SAC and PAC are changing in density due to the exothermic core theory, right?

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Syed Haider 2 months ago

It is a lack of 'uniformity' – but oscillations are a natural and most-common aspect of stability. All stable systems feature oscillations. This one just appears exception to our eyes.

Like 0 Dislike Reply



Cognitivecarbon

Reply to The Ethical Skeptic 1 month ago

If this phenomenon happens on Earth, perhaps it happens to many/most habitable planets...and thus, the Fermi Paradox

Like 0 Dislike Reply



Syed Haider

⌚ 2 months ago

What an exciting and interesting article! Thank you, this was so fascinating. I know muslims have theorized that this is how the sun would rise from the West as predicted by the Prophet PBUH, but I've never seen any scientifically rigorous explanation for why it might occur. I also had no idea it had been documented by ancient cultures and the Great pyramid angle is awesome.

Minor correction in **Exhibit I – Gyroscopically Mediated Dzhanibekov Rotation**. Second image from left (Venutian or Retrograde Rotation) should be labeled West Rise, East set.

thumb up 0 thumb down Reply



The Ethical Skeptic

Author

Reply to Syed Haider ⌚ 2 months ago

Thanks Syed, Indeed, I have heard of this referenced in Muslim writings, but need to research it. The retrograde motion is correct, as it follows the right hand rule. The direction of east is the direction of rotation with the north pole extending upward as if one is curling the right hand and pointing the thumb upwards. In other words, it is akin to port and starboard, relative to the rotating body, not space or the sun. In this case, the thumb is point 'down' but east is still in the direction of the curved fingers of the hand. A... [Read more »](#)

thumb up 0 thumb down Reply



Syed Haider

Reply to The Ethical Skeptic ⌚ 2 months ago

The second image from the left hasn't been flipped upside down even though I just noticed that it does label the Arctic at the bottom, so if you mean that image to show the earth flipping without changing its rotation that would leave the sun rising from the east as it normally does. I was confused because I interpreted "retrograde rotation" to mean that the earth remains in its normal north-south orientation without flipping and just starts spinning in the opposite direction, the way Venus does – which is what the placement of the continents suggests. So I guess the... [Read more »](#)

 0  Reply



John Day

⌚ 2 months ago

Pertinent today. Magnetic fields weakening and pole-shift accelerating, Auroras in Puerto Rico: <https://www.youtube.com/watch?v=pOTwQv7Y23g>

Good News, VERY Bad News, More Solar Shockwaves Coming | S0 News May.12.2024

 0  Reply



Zod YinYang

✉ Reply to [John Day](#) ⌚ 2 months ago

The Sun remains normal, and will remain so. Don't worry about The Sun – it does not undergo 'micronova'.

The respective changes are terrestrial:

Accelerating deflection of magnetic poles. Acceleration in the apparent weakening of Earth's magnetic field. Increase in disruption of Earth's magnetosphere. Consequently greater likelihood of Aurora Borealis being seen at lower latitudes.

However, the cause of the changes is not terrestrial in origin.

 *Last edited 2 months ago by Zod YinYang*

 0  Reply

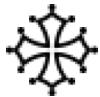


Janos

✉ Reply to [Zod YinYang](#) ⌚ 2 months ago

Could you elaborate your theory of the events and causes in such a detailed explanation like Ethical Skeptic did? I am curious about alternative explanations. But ex cathedra statements are hard to interpret.

 0  Reply



Zod YinYang

✉ Reply to [Janos](#) ⌚ 2 months ago

I could, but I'm not going to. :-) I am simply a learned catastrophist who would challenge others to ensure their theories meet the necessary criteria. Any theory of cyclic catastrophe should explain why catastrophe: is global. is regular/cyclic and has a periodicity of 12,000 years. is related to equinoctial precession (occurs twice a great year). has sudden onset with minimal warning (apart from subtle precursory phenomena). has a brief duration of around a day (onset to completion), albeit with after-effects of varying duration (volcanic ash, disrupted weather patterns, flood waters, etc.). ... [Read more »](#)

 0   Reply



Meade

 Reply to [Zod YinYang](#)  2 months ago

is the 12000 year periodicity exact or does it have a variation to it (e.g. plus or minus 100 years or so?)

 0   Reply



Zod YinYang

 Reply to [Meade](#)  2 months ago

Probably something like +/- 50-100 years, yes. NASA will know the precise the length of the Great Year, and the duration of the window in which cataclysm will happen (twice per). It is certainly an error to extrapolate the current rate of equinoctial precession (a degree per 72 years) to arrive at a great year of 25,920. It's actually very close to 24,000. Our two periods of 12 hours per 24 hour day commemorate Earth's two cycles of 12 millennia per 24 millennia great year. Anyway, the current estimate for cataclysm is 2048, an estimate which has been gradually converged... [Read more »](#)

 0   Reply



Meade

 Reply to [Zod YinYang](#)  2 months ago

Thank you. Another question would anything above the salt water marks of the Pyramids be considered safe elevation or is a considerable margin needed because of the tsunamis?

Like 0 Dislike Reply



The Ethical Skeptic

Author

Reply to Meade 2 months ago

A considerable margin is needed. Look at the maps at the end of this article.

<https://theethicalskeptic.com/2023/12/18/hidden-in-plain-sight/>

TES

Like 0 Dislike Reply



Meade

Reply to The Ethical Skeptic 2 months ago

So basically you want to live near Denver level elevation or outer space :-)

Thank you

Last edited 2 months ago by Meade

Like 0 Dislike Reply



Zod YinYang

Reply to Meade 2 months ago

Meade, the flood at Giza would have a mega-tsunami wavefront preceding it, probably around 1km in height. Given oceanic slop, the coasts are toast. Even inland and at high altitude, you have also to consider supersonic winds, and widespread seismicity & volcanism (upon crustal displacement). This is why The Swiss have so many bunkers (not due to the cold war) – one in each back garden, almost.

Like 0 Dislike Reply



Meade

Reply to Zod YinYang ⏱ 2 months ago

thanks if computers and AI keep advancing it might be possible to model this and make a useful prediction when and how it will happen

we need honest governance in the world if this can be mitigated or survived in some way

now I understand why Elon wants to go to Mars so badly

👍 0 💬 Reply



Jim

Reply to Zod YinYang ⏱ 2 months ago

Zod, can you not share your theory and learnings? Does your theory meet all of the criteria you yourself laid out?

Why the cryptic tease "I could but I won't"? Are you a serious researcher or a charlatan?

I suppose if of all of this is true, it doesn't matter what your answers are.

>Last edited 2 months ago by Jim

👍 0 💬 Reply



Zod YinYang

Reply to Jim ⏱ 2 months ago

My understanding of the causation of cyclic cataclysm does indeed meet all the criteria. I know it is correct because there is a vital aspect that has been hidden from public knowledge, which has only been hidden because it reveals that causation.

I gain more by encouraging others to apply their minds to this conundrum, than I do by simply providing a solution.

As an example, I've provided the solution to the purpose of the Great Pyramid*, but what benefit does it give?

* The Floating Coffin Theory:

<https://drive.google.com/file/d/1D1yYw0NtrYu6YMccNgo>

[Asxils14WOeyr/view?pli=1](#)

Like 0   Reply



Jim

 [Reply to Zod YinYang](#)  2 months ago

Thank you for answering my question, and for not nuking me for suggesting you could be a “charlatan”. I regretted that temporary loss of composure. I do take it back and apologize to you now. I look forward to reading your FCTheory, I’m saving that for later when things quiet down here and I have some time to dig into it. I only recently learned (through Graham Hancock) about the YD and the potential relationship of the Taurids to that event. I read somewhere (but can no longer find it) that Earth passes through the center of the Taurids cloud... [Read more »](#)

Like 0   Reply



Zod YinYang

 [Reply to Jim](#)  2 months ago

The Younger Dryas Impact Hypothesis is being encouraged/promoted given it distracts from cyclic cataclysm – and also because the YDIH can easily be argued against (in support of orthodox uniformitarianism).

There is no such thing as a cosmic ‘tennis ball serving machine’ that shoots impactors at The Earth with incredible accuracy such that they hit twice a Great Year.

Like 0   Reply



Jim

 [Reply to Zod YinYang](#)  2 months ago

Ugh frustrating! Ok so you’re saying that the “big slosh” happens 2x a Great Year, and pole shift is itself an effect of the cause of the cataclysm, but not the cause itself of the cataclysm. TES says the “big slosh” is due to something happening terrestrially (from within the core

of the planet) but you're saying it's NOT caused by something terrestrial....but it's NOT the Taurids (or some other meteor). So pray tell what occurs extra-terrestrially, with near clockwork periodicity of 12,000 years that is the cause? Is it some pulsar? Does anyone even know? And I guess, does... [Read more »](#)

1 0  Reply



Zod YinYang

 Reply to Jim  2 months ago

Once you figure out what has been hidden*, it doesn't take too long to figure out the external source of the force/impulse that jolts the planet such that crust displaces 30°, and oceans slop. There has to be a considerable motive force. Simple 'decoupling', howsoever occasioned, provides no such force. I appreciate that this force is difficult to conceive of from a blank canvas, however upon collecting all the clues, one can figure it out without requiring anything exotic like pulsars, micronovae, or rogue bodies. There will be no consensus. The best you can hope for is to figure it... [Read more »](#)

1 0  Reply



Jim

 Reply to Zod YinYang  2 months ago

Hay-seus! The research into "Mystery Schools" got weird pretty fast. I can think of a many things that have supposedly been "hidden" : Antarctica, Roswell, Teslas (the man not car) power engineering, "structures" on Moon and Mars, UFOs, human consciousness, Pluto (planet, not a planet), the "dark knight", Nibiru, the scrolls....

Since I don't belong to any "mystery school" how could I ever come across such a secret?

How can such a force/impulse be due to anything other than an external (Rouge?) body? Unless we hit a wall, like at the end of the Truman show.

More hints please!

Like 0 Dislike Reply



Zod YinYang

Reply to Jim 2 months ago

Two good questions you have there.

The mystery of the Great Pyramid has been kept a mystery since the Templars spent around a decade figuring it out around 820AD. And yet, with enough research, a merely average engineer such as myself managed to figure it out too. So, you just have to do the research.

The criteria I listed are ample clues to be getting on with.

Like 0 Dislike Reply



Jim

Reply to Zod YinYang 2 months ago

OK ok. Not going to be easy. So I was reacquainting myself with the “wobble” of the earth’s axis (which takes a Great Year to complete a full wobble) and it occurred to me that if the wobble shape was eye-shaped instead of an oval, toward the “corners” of the eye the axis would accelerate and then rapidly change direction as it cornered the tear ducts. But what would cause that? Gravity? Magnetism? I was thinking about a (flat) magnet how it gets wobbly next to another magnet until suddenly one of them “flips”. I don’t have enough knowledge to... [Read more »](#)

Like 0 Dislike Reply



Zod YinYang

Reply to Jim 2 months ago

The lunisolar explanation of equinoctial precession was contrived to deflect from the true explanation.

Cyclic cataclysm is not due to impactors, nor a fly-by of a rogue body.

You are heading in the right direction, but you are unlikely to progress until you grok The Great Year. An introduction to set you on the right track is the YouTube video (narrated by James Earl Jones):

https://www.youtube.com/watch?v=l3ZDcj0kF_0

1 like 0 dislike [Reply](#)



Jim

[Reply to Zod YinYang](#) 1 month ago

This path has been fun and very interesting. Ok so I learned about the Great Year, and ultimately it led me to Tycho model (makes sense to me) of our solar system, under which Sun and Mars make up a binary system. I learned about the polaris to vega to polaris (pvp) rotation which is responsible for the appearance of earth's "wobble". I read about the possible relationship between the orbital speed of the Sun and its frequency of magnetic pole reversals to the same of Earth (this potentially explains why Earth's poles are wigging out right now, right on... [Read more »](#)

1 like 0 dislike [Reply](#)



Zod YinYang

[Reply to Jim](#) 1 month ago

You're going to come across a lot of junk, which will include such things as Tychos, Birkeland currents, flat Earth, micronovae, galactic current sheet, Herculobus, etc. You're going to have to develop discernment and regular use of Occam's Razor. And no, Vega/Polaris do not cause Earth's wobble (correlation is not causation). All I can say is that when you've discovered that which has been known to mystery schools for millennia, you will know you have discovered it, and know why it has been kept secret – because it leads to an understanding of cyclic cataclysm. So, you should deduce that... [Read more »](#)

1 like 0 dislike [Reply](#)



Jim

✉ Reply to Zod YinYang ⏰ 1 month ago

ok all that research for nada. Simplest explanations then are

- A)simulation / manufactured reset
- B) hand of God

How am I supposed to discover what mystery schools know? Of not to learn the answer, then to verify the answer I have. Are you a student of a mystery school then? If not then how could you have verified it yourself

Still an intriguing puzzle to figure out. If you're not going to give me anymore clues to help my journey, I'll just have to keep wandering....and wondering.

Thanks for the nudges so far.

👍 0 💬 Reply



Zod YinYang

✉ Reply to Jim ⏰ 1 month ago

Your research is not at all for naught. It is not something that can be researched in a day, more like years.

And if/when you find the answer, you will know that it is an answer that cannot be shared (no-one will believe you, who does not already know).

Once you know the answer you'll recognise that it's encoded in many, many places.

Sure, you'll recognise it in Freemasonry, but also in corporate logos, architecture, religions, etc.

You will even find it in my icon. ;-)

👍 0 💬 Reply



Jim

✉ Reply to Zod YinYang ⏰ 1 month ago

Why did you make a condition of the solution one where Vostok stays put? Everyone else says Antarctica (which is being occulted from most of us) will shift to a

temperate if not tropic zone....perhaps where it once was. Today I had a thought alone these lines where Vostok is the fulcrum of an upside down pendulum, where the Northern axis (only) transits from side to side across a great year. Too exotic? Also, both Sun and Moon are in plain site. You say there is no rogue body causing the cataclysm....could it not be a known body such as... [Read more »](#)

 0   Reply



[Zod YinYang](#)

 Reply to [Jim](#)  1 month ago

The current crustal displacement (throughout the last few hundred thousand years) has tended to be about 30°, and has been more an oscillation, rather than an accumulation (prior equators, ancient coral reefs also corroborate this). However, over a much longer period of time, yes, there may well have been accumulation, such that what is now polar may once have been equatorial. NB I said Vostok remains polar (within the freezing zone of the pole), not that it stays put, for example if something is 15° from the pole, and is shifted 30° the other side, -15° is still 15° from... [Read more »](#)

 0   Reply



[Jim](#)

 Reply to [Zod YinYang](#)  1 month ago

Sun Cross

 0   Reply



[Jim](#)

 Reply to [Zod YinYang](#)  1 month ago

Maybe these are not crosses at all but instead is the letter X as in 10. Or as in "double cross". I can't sleep. I need another clue. I'm currently pondering a hard "flip" if the rotational axis instead of a precession. I can't fathom the cause.

 0   Reply



Zod YinYang

 Reply to Jim  1 month ago

Don't waste time on the Occitan cross, that's something you'll understand way down the line.

 0   Reply



Jim

 Reply to Zod YinYang  1 month ago

I just can't reconcile these things: That Earth undergoes cataclysm every ~12ka AND This has been known for a VERY LONG time AND It is expected to occur again in within just a few decades AND YET There are senseless wars occurring even now ... presumably executed by some of those who are "in the know" ... To what end? To me this makes it seem like the ~12ka cycle of destruction is possibly a made-up distraction from the horrors occurring in our societies. No don't be concerned with dead soldiers, civilians women and children, loss of liberties, property and life... [Read more](#)

»

 0   Reply



Zod YinYang

 Reply to Jim  1 month ago

Distractions and deceptions galore. "You are young yet, my friend," replied my host, "but the time will arrive when you will learn to judge for yourself of what is going on in the world, without trusting to the gossip of others.

Believe nothing you hear, and only one half that you see." "That which causes cataclysm has been known for a very long time." is not the same as "Cyclic cataclysm and its causation have been understood for a very long time". It is possible to know about 'A', without knowing about 'B' – and thus, without knowing that 'A'... [Read more](#)

 0   Reply



Jim

✉ Reply to Zod YinYang ⏰ 1 month ago

Thank you for prodding me, it has made me retrace my steps. I finished re-watching The Great Year video. So far here's my understanding (such as it is) based on the clues and hints. A causes B, but B is so undesirable that to hide B from "common man" means hiding A from "common man" too. A has been known for a long long time. B is "known" to relatively few, and is "rediscovered" over time. (B) is the cataclysm twice every Great Year, aka once every 12ka. (A) is the knowledge that our solar system, really, our Sun is... [Read more »](#)

👍 0 💬 Reply



Zod YinYang

✉ Reply to Jim ⏰ 1 month ago

1. A, B, and A->B, are all esoteric knowledge, passed down via mystery schools, secret societies, etc. That said, 'A' will be more well known than 'B', and B more than A->B, and the actual causation underlying A->B will be known only to a very few (and probably post-renaissance or later, at the earliest). 2. Yes. 3. Don't light your cigar yet. 4. You can find out the eccentricity fairly easily, but it's approximately 0.5. So, no, not really 'close', just 'nearer' & 'further'. 5. 9/10 – I daresay this could be made a tad clearer.... [Read more »](#)

👍 0 💬 Reply



Zod YinYang

✉ Reply to Jim ⏰ 1 month ago

[Reposted without hyperlink prefixes] 1. A, B, and A->B, are all esoteric knowledge, passed down via mystery schools, secret societies, etc. That said, 'A' will be more well known than 'B', and B more than A->B, and the actual causation underlying A->B will be known only to a very few (and probably post-renaissance or later, at the earliest). 2. Yes. 3. Don't light your cigar yet. 4. You can find out the eccentricity fairly easily, but

it's approximately 0.5. So, no, not really 'close', just 'nearer' & 'further'. 5. 9/10 – I daresay this could... [Read more »](#)

1 0 Reply



Jim

Reply to [Zod YinYang](#) 1 month ago

I feel like I took one step forward and two back. But here's goes: What I was calling "Anti-Sun" seems to be the binary star system (collectively A, B and maybe C) Sirius. From Earth's perspective, Sirius does not precess like the zodiacs do, which seems to be the going "proof" that Sun is in a binary system with Sirius. BUT: Sirius is way too far away to be any direct cause of a cataclysm on Earth. That is lightyears away, when we are talking about a possible massive celestial body mere "few thousand AU away" (in your answer to... [Read more »](#)

1 0 Reply



Zod YinYang

Reply to [Jim](#) 1 month ago

You still have yet to undergo a certain paradigm shift.

For an orbit of 24ka, the binary pair would have to be of the order of thousands of AU apart.

How could The Sun be in an orbit with something 8.6LY away, yet not be in any relationship with various stars 4-6LY away?

If you want more clues, just re-read my comments.

1 0 Reply



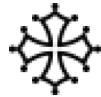
Jim

Reply to [Zod YinYang](#) 1 month ago

Bit still ... what is the mechanism by which any of the cataclysmic events are caused to occur? If not gravity of

a suddenly but very briefly close body, and not Sun material...what could be the mechanism?

1 like 0 dislike [Reply](#)



[Zod YinYang](#)

[Reply to Jim](#) 1 month ago

That's a good question, and given the corpus of my previous comments, you should be able to deduce the answer.

1 like 0 dislike [Reply](#)



[Jim](#)

[Reply to Zod YinYang](#) 1 month ago

Aight.... I'll slog through them again. I can almost taste it. I sort of smell the answer but not fully.

1 like 0 dislike [Reply](#)



[Jim](#)

[Reply to Zod YinYang](#) 1 month ago

It has to be gravity. Presume there is another body "planet nine", "planet X", whatever (I'm going to call it a ZODY in honor of your pseudonym), and Zody is so massive that Earth is locked onto it in such a way, that the orientation of Earth's rotational axis follows Zody as it flies through space. And it's far enough away that it would take 24ka to make a full revolution around Sol. So, as Zody moves, this causes the apparent equinoctial precession . And thus Earth always has the same "lean", it just orients differently over time, following Zody.... [Read more >](#)

1 like 0 dislike [Reply](#)



[Zod YinYang](#)

[Reply to Jim](#) 1 month ago

It's like you just paid your younger brother to do your school homework exercise. :-}

You were better with your term ‘anti-Sun’.

You haven’t yet made the paradigm shift that makes it all fall into place.

All the clues you need are in the entirety of my comments.

A bonus clue is that once you’ve figured it out, you’ll know you’ve figured it out – which is nice.

NB Mithras=age of Taurus, Moses=age of Aries, Jesus=age of Pisces. The same Solar/Zodiacal figure – not actually a real chappie.

1 like 0 dislike [Reply](#)



Jim

[Reply to Zod YinYang](#) 1 month ago

Right now the only paradigm shift I can think of is: There is no spoon

Ok, I’ll go back and re-read them all .. again.

Have to admit I’m discouraged. Maybe I’m just not smart enough to see what’s hidden in plain sight. But I’m not giving up YET.

Can you give me a clue as to how 2048 (a familiar number) was determined? How can one “be sure”?

1 like 0 dislike [Reply](#)



Zod YinYang

[Reply to Jim](#) 1 month ago

I don’t know how 2048 was determined, but it has been converged upon over the last few decades. I assume those who’ve been involved in calculating it have been scrupulously methodical.

Strangely, 2048, or thereabouts. I have seen proposed by various other pundits.

1 like 0 dislike [Reply](#)



Jim

Reply to Zod YinYang ⏱ 1 month ago

Whoa Z. I know we're being sort of matter-of-fact about this in our discussions.... But you do realize what this means ... I'm grappling with that a little. It might be 24 years away but when it dawns on the masses, it won't be pretty. Distractions can't last forever. Ok enough doom. Back to the analysis...distraction.

1 like 0 dislike [Reply](#)



esq_one

Reply to Zod YinYang ⏱ 1 month ago

It's the moon

1 like 0 dislike [Reply](#)



Jeronimmo

Reply to Zod YinYang ⏱ 27 days ago

Thank you for sharing your findings regarding the Great Pyramid Coffer : I have found it very enlightening !

I don't know what benefit it gave you to write down this work and share it for free but I surely wish you could find the motivation to write about your understanding of the causation of cyclic cataclysm !

In case, Substack seems to be a convenient platform to share written work with others.

1 like 0 dislike [Reply](#)



qwerty

Reply to Zod YinYang ⏱ 2 months ago

earths geological record and moon rocks say you are wrong

1 like 0 dislike [Reply](#)



Jim

Reply to qwerty ⏱ 1 month ago

I've been thinking about this. Could the cataclysm be made up to fit evidence that LOOKS like it fits the story. This fooling millions into just another tall tale (like the worlds religions perhaps) as a means of control? Ever more control...through the millions of years.... Qui bono? Same who have always lied and benefited I guess? Tptb? Maybe the simplest explanation is....lies. Always lies. Very disappointing if so.

1 0  Reply



Zod YinYang

 Reply to Jim  1 month ago

Figuring out that there are falsehoods/lies/deceptions/cover-ups is part of the paradigm shift I mentioned.

You have your work cut out then figuring out what's true and what's false – *discernment*.

Uniformitarianism and catastrophism can't both be true:
<https://www.icr.org/article/up-with-catastrophism>

I'll leave you to research 'Moon rocks'.

 Last edited 1 month ago by Zod YinYang

1 0  Reply



Jim

 Reply to Zod YinYang  1 month ago

Did you see my PM over on GHMB?

1 0  Reply



Jim

 Reply to Zod YinYang  1 month ago

Holy Sugarpants ... it just hit me WHY over the last few years a new religion of The Science ™ was born! Trust US (so called) EXPERTS. not the obvious facts all around you for those with eyes to see. The movie Don't Look Up is an instruction manual leaked in the form of a movie, although the extra celestial "actor" is made up,

perhaps because it's more believable to those who have no chance of experiencing the "paradigm shift" you speak about. But basically the rest of the story and players are instructional.

1 0 1 Reply



Jeronimmo

Reply to Jim 27 days ago

Some interesting clues here :

<https://binaryresearchinstitute.org/bri/introduction/binary-companion-theory/>

1 0 1 Reply



Jeronimmo

Reply to Jeronimmo 26 days ago

According to the Binary Research Institute, our Sun could be in a binary system with Barnard's star, a red dwarf currently located about 5.95 light years from the Sun.

<https://binaryresearchinstitute.org/bri/5.9/wp-content/uploads/2023/11/Lost-Star-Found-11-11-23.pdf>

Now, with this hypothesis of a 24-kyrs elliptic motion of our Sun within the Galaxy due to a binary system, a 12-kyrs periodic energetic pulse could be explained by a "strange ray" that goes across our Sun's path.

What kind of energy ? No idea

What source ? No idea

Location of the source in our sky ? My first guess would be somewhere in Orion or the Pleiades.

1 0 1 Reply



Jim

Reply to Jeronimmo 15 days ago

Jeronimmo I have been hot on this trail too. You may find additional info from commenter Zod and others including Walter Cruttenden and Graham Hancock over at <http://grahamhancock.com/phorum>

 0   Reply



peter

 Reply to Zod YinYang  1 month ago

Zod....what about Libyan desert glass....they found objects crafted from that in tutankamens tomb.....

 0   Reply



Zod YinYang

 Reply to peter  1 month ago

Upon the planetary upset (that causes crustal displacement, cataclysm, etc.) pyrothermal, supersonic winds are likely (with the possibility of plasma incursion). Hence there is evidence of directional, high temperature scorching upon some ancient megalithic structures/ruins.

As to whether this explains desert glass (vitrification @ 1,000-3,000C), as opposed to lightning strikes, I'd lean towards the latter.

That said, widespread volcanism (upon crustal displacement) will also occur, and it's possible the greatly increased amount of atmospheric volcanic ash may increase the prevalence and intensity of electrical storms.

So, not very conclusive...

 Last edited 1 month ago by Zod YinYang

 0   Reply



The Ethical Skeptic

Author

 Reply to John Day  2 months ago

Yeppers! Puerto Rico? hmmmmm... wow.

 0   Reply

