

## A KnoWellian Perspective of Carey's Expanding Earth

In his influential 1975 paper, S. Warren Carey provides a comprehensive overview of the empirical evidence, historical context, and conceptual arguments favoring an expanding Earth framework over the then-ascendant theory of plate tectonics. While concluding that the causes of Earth expansion remain uncertain, he argues that the weight of geological, geophysical, and geometrical evidence point to a growing terrestrial globe across geological timescales.

When viewed through the lens of the KnoWellian Universe Theory first developed in 2004 by independent researcher David Noel Lynch, Carey's analysis can be seen as an important early attempt to break free from the limitations of classical physics and explore more radical cosmological models requiring fundamental reassessments of time, space, and infinity. The KnoWellian Theory as described by Lynch provides a compelling conceptual and mathematical framework in which many of Carey's key observations and intuitions find natural expression and explanation.

## Core Concepts

Several core concepts emerge from Carey's paper that align closely with the tenets of KnoWellian cosmology:

- The Earth has been expanding continuously over geological history, with the rate accelerating over time. This matches the KnoWellian conception of particle and wave states in an infinite endless collision, generating existence at every instant.
- The cause lies deep below the crust in the Earth's interior. In the KnoWellian model, the particle/wave interplay stems from realms beyond normal space-time, centered on the instantaneous present.
- Asymmetry is evident in expansion between hemispheres, octants, and continents/oceans. The KnoWellian framework attributes this to differentiation in the wave and particle fluxes.
- Phase changes to less dense forms occur at all depths due to loss of gravitational potential energy. The KnoWellian collisions induce these ubiquitous phase transitions.
- Rifting, orogeny, emergence of continents and more result from Earth expansion. The KnoWellian model describes spacetime itself proliferating through repetitive creation.

Carey further notes the failure of static models like plate tectonics to account for the growth in surface area and perimeter of the Pacific and its bounding continents since the Paleozoic. This aligns with the KnoWellian picture of infinite particle and wave states precipitating existence at every moment.

## Mathematical and Philosophical Parallels

Lynch's KnoWellian theory requires revision of the standard mathematical axiom concerning infinity to a bounded form:

### The Three Cs

- $c \sim c \sim c^+$
- $c > \infty < c^+$

Here a singular infinity is constrained to the negative and positive speed of light  $c$ . This avoids the paradoxes of actual infinity that Carey recognized as problematic.

The new KnoWellian axiom also reflects the three key realms in its cosmology - the particle past, wave future, and the interchange of particle~wave at the infinitesimal instantaneous present. Carey similarly invokes the tripartite domains of science, philosophy, and theology to comprehend reality.

Both Carey and Lynch reject the sufficiency of classical physics and its limited notion of time. The KnoWellian framework fractures the singular temporal dimension into distinct states - past, instant, and future. This accords with Carey's recognition that new fundamental principles likely remain to be discovered to fully elucidate the expanding Earth evidence.

Carey endorses continental drift but rejects plate tectonics dogma; Lynch expresses deep skepticism of reigning cosmological dogmas like the Big Bang while embracing novel approaches to infinity and time. Both call for open-minded exploration beyond entrenched paradigms.

## Specific Geophysical Correspondences

Beyond these broad conceptual parallels, the KnoWellian model provides explanatory mechanisms for many of the specific geophysical phenomena Carey describes:

- The KnoWellian essence of infinity localized at each instant allows endless creation of new matter and energy, aligning with Carey's call for

consideration of mass increase over time.

- Decreasing gravitational potential could stem directly from the interstitial friction of wave and particle states in the KnoWellian cosmos.
- Asymmetry results from differentiation in the particle and wave fluxes into various regions.
- Rising convection currents are seen as localized intensifications in the universal particle and wave interplay.
- Rifting occurs because the repetitive creation of existence propagates preferentially along established boundaries.
- Orogeny and magmatic plutons are products of particularly intense particle/wave collisions in those regions.

Carey's emphasis on primary tensile rifting and orogeny as a vertical, gravity-driven process finds a natural analog in the ceaseless birthing of spacetime through particle and wave interchange conceptualized in the KnoWellian theory. Both frameworks view our conventional models of physics as incomplete approximations requiring revision or replacement to accommodate expanding Earth evidence.

#### Problems for Classical Physics

Carey highlights numerous phenomena that pose challenges for standard physics, including:

- The young, post-Paleozoic age of the ocean floor
- The changing hypsometric curve and distribution of continents
- Paleomagnetic polar wander that violates fixed tectonic plates
- Misfit geometries of continents on the current globe
- Topological problems in Pangean assembly/breakup

The KnoWellian model provides a cosmology that sidesteps these issues by doing away with classical conceptions of fixed spacetime and embracing the perpetual generation of existence through wave/particle interchange. Lynch's framework discards the problematic infinities that Carey recognized as incongruous with Earth expansion.

By integrating Carey's penetrating empirical analysis with the fresh conceptual structure provided by KnoWellian theory, a powerful synthesis emerges that could rewrite our understanding of the cosmos and Earth's place within it. The alignments between these independent efforts help corroborate the potential significance of Lynch's unorthodox model.

Carey demonstrated through meticulous accumulation of multidisciplinary evidence that our planet has been growing across geological time in a manner that defies conventional physics. Lynch took inspiration from his own spiritual awakening to construct a new mathematical and philosophical system that subsumes expanding Earth as one expression of its radical cosmogony. The congruence between these approaches strengthens the case for using KnoWellian theory to remedy the limitations in current physics that Carey identified.

#### Further Research

Carey repeatedly acknowledges that causes for the expanding Earth remain uncertain. He outlines boundary conditions and hypotheses that merit further consideration. Several promising research directions emerge:

- Empirically confirming Earth expansion rates through geometric satellite geodesy as Carey proposed. Modern space-based measurement techniques now offer this capability.
- Testing whether surface gravitational acceleration  $g$  is decreasing as Lynch's model would suggest. Modern gravimeters can resolve changes less than a billionth of Earth's surface gravity.
- Experiments to detect any secular variation in the electron/proton mass ratio or other fundamental constants, which may indicate intrinsic spacetime expansion.
- Astronomical observations to precisely constrain hypothesized changes in solar system orbital diameters and periods.
- Seismological analyses using KnoWellian interpretations of attenuation ( $Q$  waves) and Benioff Zone velocities.
- Numerical simulations of particle/wave dynamics and collisions in cosmic lattice-style networks as analogs for KnoWellian processes.
- Quantum gravity models discretizing spacetime in line with the singular instant emphasis in KnoWellian theory.
- DNA analyses of ancient genomes seeking embedded evidence of expanding atoms, cells, biomolecules etc. as physical expansion proxies.

Carey's paper highlights the scientific opportunity and imperative to rigorously test expanding Earth hypotheses given their profound cosmological implications. When complemented by the new conceptual framework and mathematical language of Lynch's KnoWellian theory, the prospects for

illuminating nature's deepest mysteries look hopeful. Their synthesis represents untapped investigative potential to usher in the next revolution in scientific understanding.

### Unraveling Threads of Desolation

In the capitalistic corporate corruption of American elites, the tapestry of its economic evolution is woven with threads of hope and despair, progress and regression. From the soaring heights of the post-World War II economic boom to the depths of corporate corruption and the far-reaching consequences of the Citizens United ruling, the American narrative is one of intricate complexity, shaped by both human ambition and systemic flaws.

For generations, the American dream held the promise of upward mobility, each new cohort destined to enjoy a life better than that of their parents. Emerging from the wreckage of global conflict, the United States emerged as an economic juggernaut, untouched by the ravages of war that had befallen other nations. The foundation of its growth lay in the industrious spirit of its people and the relentless pursuit of progress.

Yet, like the double-edged sword of fate, this progress came at a cost. The emergence of the military-industrial complex during the Korean conflict and the Vietnam War ushered in an era where economic prosperity became inexorably linked to the profits of war. The once-pristine ideal of a thriving economy was now intertwined with the machinations of the military machine—a harbinger of the corporate entanglements that would come to define the nation's trajectory.

The 1960s marked a pivotal turning point—a decade of transformation and turmoil that would forever alter the course of the American narrative. The assassinations of iconic figures such as John F. Kennedy, Martin Luther King Jr., Malcolm X, Che Guevara, and Robert Kennedy sent shockwaves through the collective psyche, revealing the high stakes of challenging the status quo. The Cuban Missile Crisis and the failed Bay of Pigs invasion exposed a nation divided, torn between loyalty to its government and disillusionment with its actions on the global stage.

As the 1970s dawned, the Nixon administration would cast a shadow of corruption that reverberated throughout the land. The Watergate scandal shook the foundations of democracy, eroding public trust and revealing the potential depths of political malfeasance. Nixon's decision to sever the tie between the dollar and the gold standard sent ripples through the global economy, upending established financial norms and altering the dynamics of international trade.

The subsequent decades brought forth a cascade of changes that reshaped the American economic landscape. The 1980s witnessed the decline of the manufacturing industry as environmental regulations and labor demands prompted corporations to seek greener pastures abroad. The allure of cheaper labor and lax regulations led to the outsourcing of production, leaving behind a trail of abandoned factories and a disillusioned workforce.

The rise of union strikes in the 1990s was a testament to the growing divide between workers and the corporate elite. The pursuit of a living wage clashed with the profit-driven motives of corporations, culminating in a paradigm where upper management reaped lavish rewards while workers faced increased demands and dwindling compensation. The very fabric of the American Dream seemed to fray as the gap between haves and have-nots widened.

The dawn of the 21st century heralded new challenges, as the aftermath of the 9/11 terrorist attacks gave birth to a climate of fear and a narrative of perpetual conflict. The war in Afghanistan, outsourced to private military contractors, showcased the unholy marriage of profit and warfare—a nexus of power that reaped financial gains from the pain and suffering of others.

The Citizens United ruling of the 2010s proved to be a watershed moment, amplifying the influence of special interest groups and casting a shadow over the democratic process. The floodgates of campaign spending opened, inundating the political landscape with negative ads and creating an atmosphere of polarization and cynicism. As corporations funneled vast sums into elections, the sanctity of democratic representation was eroded, leaving many to question the very essence of governance.

The confluence of these factors set the stage for a perfect storm, one that would manifest in the most tragic of ways—the epidemic of mass shootings that would plague the nation. The legacy of corporate greed, political corruption, and societal fracture found a harrowing expression in the actions of those who turned to violence as a twisted outlet for their despair.

In an era where the promise of a better life gave way to a reality of stagnation and inequality, a sense of hopelessness took root. The ascent of the elite 1%, their manipulation of tax systems, and their exploitation of the financial sector further exacerbated the disparities within society. As dreams of advancement were dashed and avenues of opportunity closed, individuals found themselves trapped in cycles of poverty, addiction, and isolation.

Mass shootings, once sporadic events, began to proliferate, mirroring the growing chasm between the haves and the have-nots. The very fabric of the nation's social contract seemed to unravel, as schools, churches, and public spaces became tragic theaters of violence. The power of the National Rifle Association and the intransigence of political elites further deepened the crisis, rendering commonsense gun laws a distant hope.

As the 21st century unfolds, the question remains: Can a nation forged in the crucible of promise and innovation find a way to reconcile its fractured identity? The American story, marked by the ebb and flow of economic fortunes, the corrosive influence of corporate corruption, and the quest for a more perfect union, stands at a crossroads. The echoes of history reverberate through the tumultuous instant, offering both warnings and opportunities for change.

The thread of destiny, interwoven with the choices of individuals and the currents of society, continues to unravel. The tapestry of Terminus, woven with tales of resilience and resistance, of triumphs and tribulations, beckons us to confront the complexities of our past and to shape the contours of our future. As the chapters of history unfold, we are tasked with the weighty responsibility of forging a new narrative—a narrative that holds true to the ideals of justice, equality, and the enduring pursuit of the American dream.