

## HISTO-PHYSICS OF SOCIAL SYSTEMS AND HUMAN NARRATIVES

*The **practical consequences** of exact science and technology result in knowing progressively more about not knowing; this cultural fact also applies to humanistic disciplines like history and mathematics. In addition, science is not self-explanatory and theoretically based on **human reference systems** of the physical world. Natural science is a communicative way of how we humans make statements about nature and historical science does not differ methodically from this hermeneutic dialectics of facts (logic) and narratives (linguistics); religion and philosophy were practically the classical prototypes of the modern scientific metamorphosis.*

*The social systems evolution of humankind developed fundamentally by an **automaton** of intelligence (survivalism) and the **wisdom** of consciousness (altruism). Today, the automaton of intelligence is object to technological programming while conscious wisdom remains still in the human realm; consequently, time-tested wisdom is a very valuable tool of human learning about 'reality', i.e. the construction principles and laws of the natural universe we live in.*

*In any case, the physical history of social systems evolution is driven by energy transduction efficiency on a given territorial polity, i.e. all social systems that evolved for human survival are energy transduction systems and every systems crisis is an eco-energy crisis, due to the **territorial origin and nature of human life**. The more advanced a social system of human organization evolves via technology, the more energy efficient its transduction system must behave; this is the geo-eco-energetic imperative of **human systems advancement** or the evolutionary selection procedure.*

***Human narratives** of historical facts have to be understood as psychological records of events in the past-time; they can be of practical nature in so far as they are able to codify '**deep history**', i.e. the narrative compiles the deeper meaning of human experiences and its relation to the physical world in terms of pain and gain as 'no good deed remains unpunished in the cause of events'*

*Deep history or history-in-depth is methodical research into the practical psychophysics of human experiences; it is not guided by the classical mechanics and mathematics of causation/effects, but by the quantum energetics of human conditioning and conditions, i.e. **freedom of thought and choice**, concerning the distinct levels of human action or behavioral quanta.*

*Stephen I. Ternyik*

*Social Science Researcher & Entrepreneur (-1985)*

[StephenJehucal@web.de](mailto:StephenJehucal@web.de)

[www.sociostudies.org/authors/ternyik\\_stephen\\_i/](http://www.sociostudies.org/authors/ternyik_stephen_i/)

[www.stephen.ternyik.scienceoflife.nl](http://www.stephen.ternyik.scienceoflife.nl)