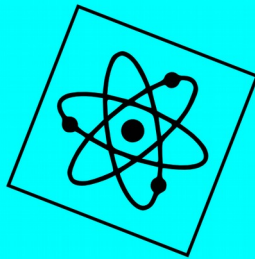
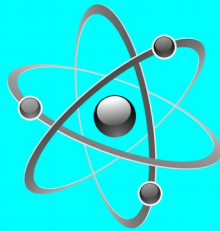


Nuclear: Turkey like N. Korea?

by Zizopoulos Georgios



..endeared though provided sparingly (Homer, Odyssey)

Nuclear: Turkey like N. Korea?

Explore the potentiality of climate change mitigation and energy efficiency policies being associated with pursuit of mastering nuclear weapons technological knowhow; in the new era within geopolitical context, as formulated by energy developments. elaborating cases of N. Korea and Turkey.

by Georgios Ast. zizopoulos

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2017, Georgios Ast. Zizopoulos

Preface of English edition

I know that many people will most probably read this study just because they are intrigued by the fact that is about nuclear weapons. Less will read it, in order to satisfy their curiosity about how can production of nuclear weapons be connected to energy efficiency and climate change mitigation policies.

But please, treat this study with respect, because for me is not about reaching to an affirmative conclusion on Turkey's future regarding nuclear weapons, but a demonstration of my commitment to principles and history of philosophy and sciences.

Besides, my motivation is to introduce a novel topic as also to utilize scientific tools and use previous studied knowledge in an innovative and creative way.

But let me shortly state how philosophy of science is being integrated, because I don't want this to be misinterpreted as a matter of cultural heritage. The latter due to the fact of used political realism of Thucydides, Aristotle's work on induction and deduction, or even Plutarch's concept of studying in parallel.

Although, foreign literature on political realism is extensively being used, this will not be utilized as an argument. Also I'm not going to lecture you on induction and how it troubled many other significant personalities during past times. Nor talk on similarities and parallel studying.

Actually I'd like to talk about building the structure of this study using elements of Euclidean and Euler's logic.

Regarding borrowing elements of Euclidean logic, you will find the use of axioms (i.e. accepting that Turkey already once reacted to EU's energy and climate policies by adopting a strategy of gas transit country, or, that nuclear

program of N. Korea did not initiated after the implemented change in country's leadership), or the confirmation of an introduced proposition (i.e. linking in N. Korea's case) as true in a QED logic and then checking if this concept is being satisfied for another problem (Turkey's future propensity) in a QEF logic.

Regarding Euler's logic, it's a little bit trickier, since has to do with the substantial scope of this study. In particular, similarly to Euler's disassociation of natural details in "Seven Bridges of Koenigsberg" from problem's solution, here the conclusion on whether Turkey might reflect upon domestic nuclear weapons production is disassociated from components of nuclear weapons. So, if anybody might believe that in this study will find information on secret reactors, will most probably be disappointed.

Finally to be said, that this electronic copy is the translation of my original published work in Greek. Just keep in mind that though I have tried to translate in relative small periods, nevertheless the original was written in a more formal way and with longer periods. Of course, the translation completed over a weekend, so you may have to read it twice. Nevertheless, I have tried to use simple language.

Having these been said, it's up to readers to decide whether to read further or look for an other book.

Preface of Greek edition

The study you are holding, was initially intended to serve as a PhD proposal, so by design had to be original. Additional to that, I've tried to introduce a novel topic, that happens to concern issues of present times while being of national interest.

Unluckily, these virtues, make it difficult for me to find a supervisor that would be specialized on such topic, that would be interested in and that is not bounded from other obligations.

Nevertheless, despite its original purpose, having a PhD is not a goal in itself. Rather, it was a paid job, since I was targeting on getting a scholarship. Sadly, the deadline for applying for scholarship and the hard time I had for finding a supervisor in such sort time, did not allow me to proceed any further.

Thus, I decided to publish it in some scientific journal, instead. The reasons for this decision, are pretty clear. I don't want my working time to be wasted and also to get the recognition for my work.

The main title, would be the same: "Explore the potentiality of climate change mitigation and energy efficiency policies being associated with pursuit of mastering nuclear weapons technological knowhow; in the new era within geopolitical context, as formulated by energy developements. Elaborating cases of N. Korea and Turkey".

So, as I was reorganizing information and adjusting structure in order to meet article's criteria, I was possessed by second thoughts.

And after balancing pros and cons, I decided to turn the aforementioned bad luck into an opportunity that must be exploited.

If this study had been published as an e-book that will be sold under a symbolic price, the gains would be multiplied. Not only the earlier

mentioned purposes would be fulfilled , but also the study would easier be communicated with a wider target group – not only experts – while Internet would operate as the mean of popularizing knowledge.

An operation that should be the default role of Internet. Nevertheless, as after Gutenberg's typography for printing the method also used in spreading misleading informations, in the same way, Internet's role in phasing the monopoly of knowledge out was abusively utilized for spreading news questionable to their degree of tolerance in accuracy.

So, selecting Internet's solution and in particular to distribute this study as e-book, not only I'm satisfying a personal projection on the role of technology – which is to serve scientific knowledge and help its communication – but also add my personal contribution towards this direction.

After all above, as can easily be understood the choice of e-book was selected.

As a result, I will try to introduce the elaborated topic through a comprehensive text, without trying to go on too long in technical talks. However, the text is densely-written, and should be read with proper assiduity. Moreover, once again the structure was adjusted, so that it will be easier to be read in a linear way. Also the main title was set as secondary, while the main title became: "Nuclear: Turkey like N. Korea?".

I hope to meet your acceptance, since it will also help you to better "read" the world by adding a piece in a very complex jigsaw.

Abstract

In this study, is being developed and examined the validity of a hypothesized propensity in Turkey's future entropy for nuclear arms under the perspective of being connected to energy and climate change policies; as a case study. In particular, whether Turkey could at least seek and pursuit technological knowhow acquisition on nuclear weapons in connection to EU's climate mitigation and energy efficiency policies. In order to be able to conclude on the aforementioned, initially such connection between this category of policies and development of nuclear arms is being illustrated, for the existing case of N. Korea in reference to China's policies.

Λέξεις κλειδιά: China, climate change, economics, energy, EU, geopolitics, international relations, N. Korea, natural resources, nuclear weapons, policies, political realism, trade, Turkey

Introduction

And Poesy is always one like one is the sky.
What matters is from where anyone stares the sky.
I have stared the sky right through the sea.
(Odysseas Elytis, The Little Nautilus)

This study – shortly bearing the title of "Nuclear: Turkey like N. Korea?" – is a novel approach to nuclear weapons, that introduces the missing link between them and both energy and climate policies.

In particular, the kind of policies that are being associated with controlling and limiting fossil fuel's utilization, gas emissions and harmful air pollutants. Namely, those of energy efficiency and climate change mitigation policies.

We have all attained debates around the environmental impact of fossil fuels, their contribution to countries' trade balance, or even on global warming controversy and whether climate change is indeed occurring.

During this study, will be illustrated that even if climate change is milder than the estimated one, nevertheless its policies' effect is undeniable, while resulting impacts can be non-transparent and invisible connected; not only observable. Moreover, the aforementioned impacts can be enhanced by the effect of a combined action with energy efficiency policies. This combined effect still lies under the same non-observed impacting status; that generally can be described as unanticipated and undesirable consequences.

Consequences like, promoting seek and pursuit of technological knowhow acquisition on nuclear weapons at least or/and accelerating advancements in nuclear weapons development. Respectively to reflection upon production of nuclear weapons as a minimum determinant, the validity of a hypothesized propensity in Turkey's future entropy, is being developed and examined. While, featuring accelerated advancements, the link will be

Mr. Zizopoulos G. Ast., is a inquisitive and proactive young scholar with an eclectic range of interests.

Respectively to his strong interest in inter-sectoral approaches in natural resource management and energy policies, he is holding two postgraduate titles.

Although his back ground is primarily based on natural and applied sciences, nevertheless he is characterized by an anthropo-centric view of science. The latter is apparent through his published work,

Furthermore, understands modern reality of labor and undertaking – in which someone will have to be occupied in more than one sector through his life – as a chance for rising the challenge. In this vein, publishing his research, should beconsidered.

In his first e-book, the elaboration of such a novel subject and delicate issue has been carried out successfully with a high level of excellence.

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