

# Materialization of the "Return War Cycle" with UCDP graph

## Synthesis of the War Cycle :

The "War Cycle" was found following further research into "returns from the past", hence the name "Return", to recall its origin.

The periodicity is 3085 days, or 8 years and just over 5 months. The T0 of the cycle, on an amplification peak, is the date of the outbreak of the First World War. The value of 3085 days is considered to be an approximate average value, whose exact value may vary from one peak to the next.

This cycle is justified by 2 methods:

- Contexts, mainly through the dates of the outbreak of wars
- **The materialization of the "War Cycle" based on available data on the number of dead (and wounded).** This materialization consists in showing, in wars that allow it, that the number of war casualties seems to vary like the war cycle. There may be a time lag, but the war casualties curve approximates the "War Cycle", possibly with a time lag of a few months.

*Prior to the introduction of UCDP data, the materialization was based on only 2 amplification phases and 2 wars (Iraq and Syria), with a similar time lag of around 6 months before the amplification peak.*

*With the UCDP data, materialization is shown over 5 successive amplification phases and dozens of wars in several regions of the world, taking materialization from a hypothesis validated by a few cases to a virtual certainty for the period covered by the UCDP data (1989 to 2022). It's easy to imagine that the 2 world wars confirm this principle, and it shouldn't be too difficult to find a few other wars to verify it.*

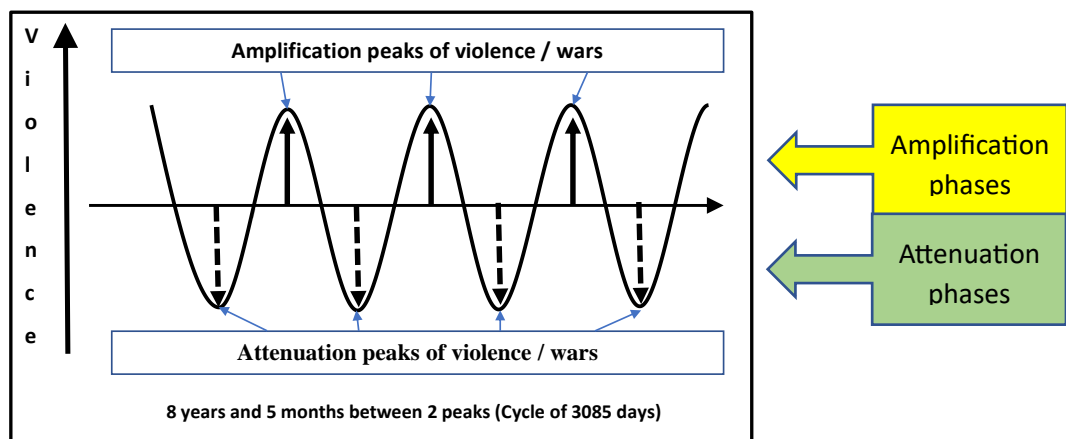
**Modeling the effect of the War Cycle**, in relation to the outbreak of war, brings coherence and complementarity to these 2 methods.

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## Representation conventions for the “War Cycle”

By convention, we use the following definitions:

- Amplification peak
- Attenuation peak
- Amplification phase  
*An amplification phase starts with an increase as far as the amplification peak followed by a decrease to the midline.*
- Attenuation phase  
*An attenuation phase begins with a decrease toward the attenuation peak followed by an increase to the midline.*



### UCDP chart "Fatalities in state-based conflicts by Region (1989-2022)".

The graph "Fatalities in state-based conflicts by Region (1989-2022)", produced by UCDP (Uppsala Conflict Data Program) and published in 2023, completes the demonstration outlined for the materialization section. This graph confirms the demonstration of 5 phases of amplification.

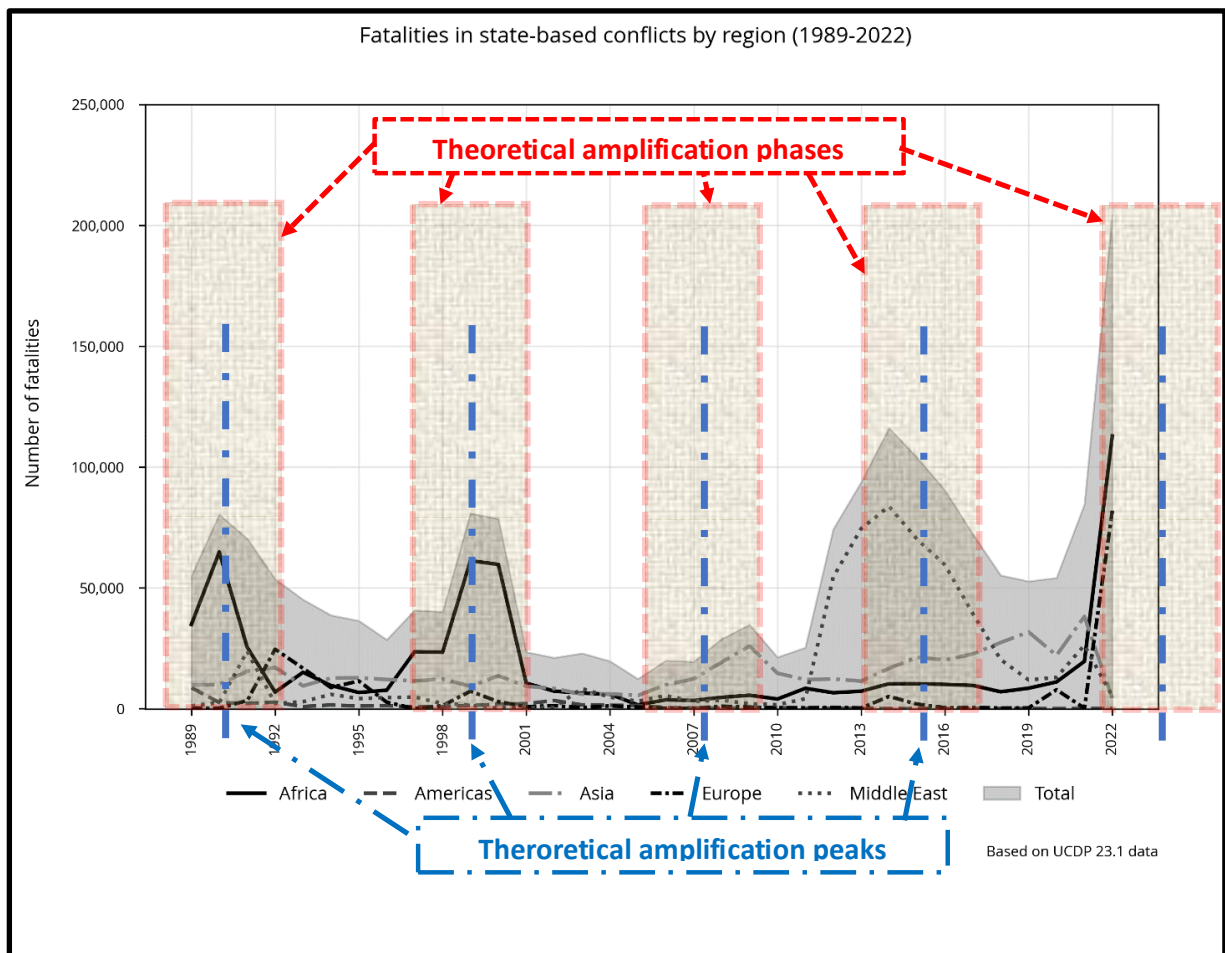
This graph confirms the materialization of the "War Cycle" by the number of victims (war deaths, in the case of UCDP data).

These data are linked to the definitions made by UCDP and must be examined within this framework. They are available on the website used by UCDP. We recommend that you refer to it.

### Why UCDP data and graphics are important

The "War Cycle" generally provokes reactions that bear no relation to what is presented. Without reading the material presented, some interlocutors put forward arguments based solely on their own "presuppositions". Anything goes, including arguments verging on bad faith, such as the assumption that the data presented has been biased by the author. These data and UCDP graphs are external to the author. Even with some missing data that may be pointed out by a few specialists (e.g. Iraq over the period 2004-2009), the UCDP data set is credible. These data are therefore important for demonstrating the materialization of the "War Cycle", in an objective way and with data other than that presented by the author of the "War Cycle".

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*(Areas colored red or blue have been added to the UCDP chart)*

The correspondence between the phases of amplification and the peaks of "war deaths" is good, confirming the hypothesis of the materialization of the War Cycle.

This graph gives the impression that the number of war dead correlates with the phases of amplification of the "War Cycle", as assumed in the materialization hypothesis.

Today, it is difficult for those involved in peace and war research to accept this direct relationship between the Return "War Cycle" and the UCDP graph.

Are Russians and Ukrainians fighting and dying because of some unknown cyclical phenomenon? The "War Cycle" is not THE only cause of the Russia-Ukraine war, but a factor favoring and aggravating the war. Even this moderate formulation makes those directly concerned by such a subject uncomfortable. There's a kind of "intellectual rejection" of the elements presented, whatever they may be.

*August 20, 2023*

References :

- Davies, Shawn, Therese Pettersson & Magnus Öberg (2023). Organized violence 1989-2022 and the return of conflicts between states? Journal of Peace Research (60-4)
- Jean-Baptiste Renard - The "Return" War Cycle

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