

Reference Research Note: NR-CdG-2023-2-EN

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Name of Research Note: Materialization and UCDP

## **The Return War Cycle - materialization and UCDP (Uppsala Conflict Data Program) part**

### **War Cycle summary :**

The principle of this "War Cycle" dates back to 1999, at the time of the Kosovo war.

Since then, evidence has been gathered to demonstrate this, depending on the elements available.

The current demonstration has several main focuses:

- **Statistical study of wars triggered during amplification phases**
- **Contexts, using war start dates and escalation dates**
- **The materialization of the "War Cycle" based on available data on the number of war dead**
- **Modeling for a coherent explanation**

These axes are complementary.

A full text detailing the current state of research is available on request.

### **Available data UCDP**

In July 2023, it was the graphs published by UCDP that caught my eye. In late 2021 and early 2022, available UCDP data had been seen, but I don't recall seeing these graphs.

The graph "Fatalities in state-based conflicts by Region (1989-2022)" completes the demonstration sketched out for the materialization part. This graph confirms the demonstration on 4 of the 5 successive cycles, whereas previously the draft demonstration was limited to a maximum of 2 cycles.

Is UCDP aware of the Iraqbodycount.org data and has it been incorporated for the period 2003-2010? Probably not, if the Middle East curve is anything to go by. A point to be clarified with the UCDP project team. It is possible that their methodology does not allow them to see this data.

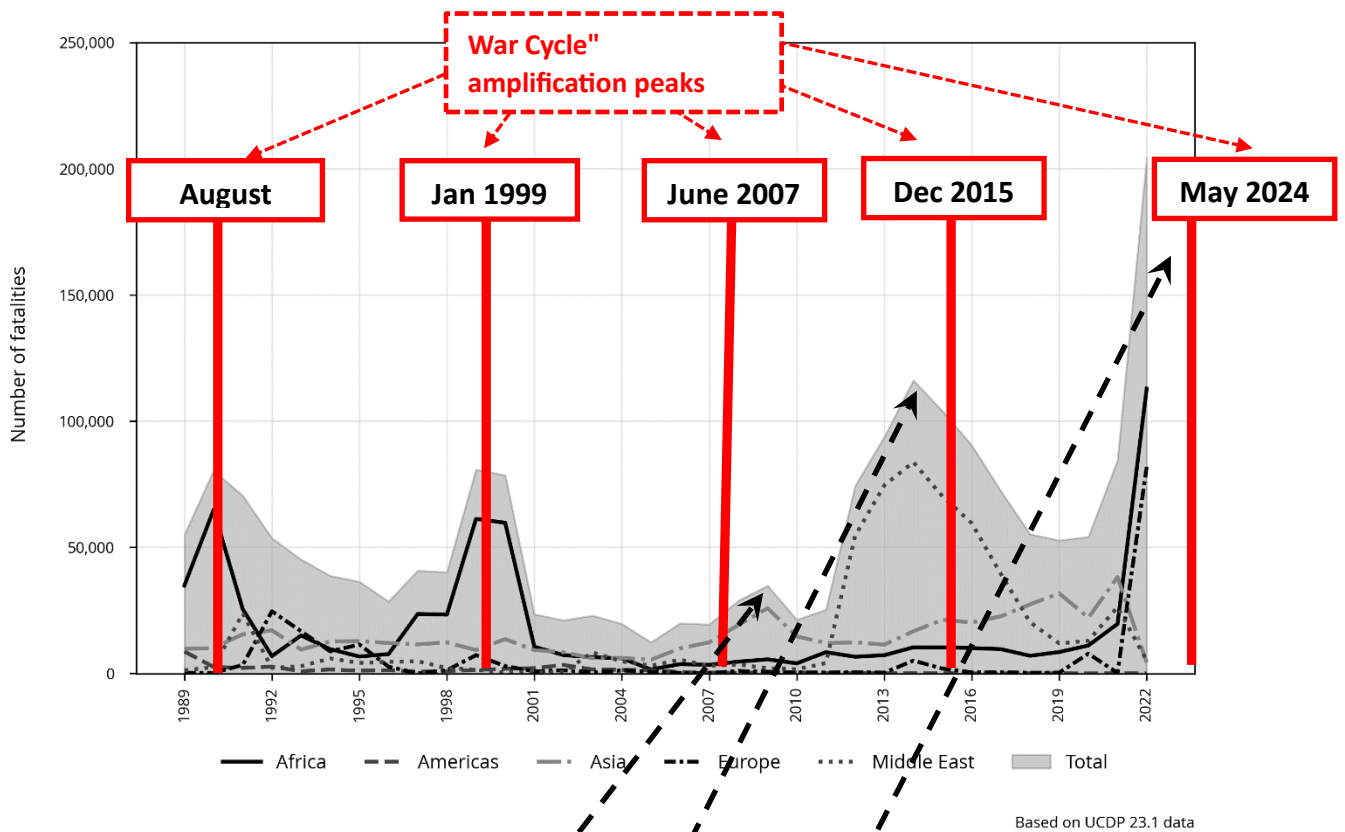
4 out of 5 amplification peaks are significant, and the 5<sup>ème</sup> could be more significant if data equivalent to that from Iraqbodycount.org were taken into account.

The available UCDP data and associated graphs confirm the hypotheses of the materialization of the "War Cycle" by the number of victims (dead or dead and wounded). It remains to confirm and share a credible interpretation of this graph, for the "Materialization" part of the "Return War Cycle".

*July 24, 2023 updated April 18, 2024 ( translated April 19, 2024 by JBR with use of DeepL)*

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Fatalities in state-based conflicts by region (1989-2022)



1 - Peak shifted to 2008?  
War in Georgia.  
Doubt about Middle East data.  
(iraqbodycount not taken into account?)

2 - The peak is shifted to 2014,  
which is consistent with what has  
already been observed.

3 - Is the peak shifted to 2022 from  
the theoretical peak in May 2024?  
There's nothing to confirm this other  
than the war in Ukraine.