

## Papers chosen:

Zinchenko, O. (2022) **Cyberattacks as a Tool of Destructive Influence of Cyberterrorism.** *International Journal of Science, Technology and Society* 10(2): 23-26. DOI: <https://www.doi.org/10.11648/j.ijsts.20221002.11> [Accessed 27 March 2024].

Matusitz, J. & Breen, G. M. (2011) **A Solution-based Examination of Local, State, and National Government Groups Combating Terrorism and Cyberterrorism.** *Journal of Human Behavior in the Social Environment* 21(2): 109-129. DOI: <https://www.doi.org/10.1080/10911359.2011.542986> [Accessed 27 March 2024].

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## Answer the following questions:

1. Familiarize yourself with the purpose, problem, objective or research question of each paper. Are they in line with your experience or thoughts on the topic, contributing to the collective body of knowledge in this area?
2. Is the research methodology utilized in each paper appropriate for the stated purpose or question?
3. In terms of data collection and analysis, is this also appropriate for the stated purpose or question?
4. Does each paper support its claims and conclusions with explicit arguments or evidence?
5. How would you enhance the work/paper?

## Question 1:

**A:** The paper aims to explore the concept of cyberterrorism, its evolution, and current threats. This aligns well with my understanding (and the academic understanding) of this ever-growing and evolving threat. The focus on understanding cyberterrorism's multifaceted nature and its impact is crucial for developing effective countermeasures. This work contributes to the collective body of knowledge by providing a structured analysis of cyberterrorism's development, methods, and potential counter actions.

**B:** This paper aims to identify and suggest improved solutions for homeland security by encouraging collaboration between local, state, and national governments to combat terrorism and cyberterrorism. It looks at the evolution of these threats and identifies the main countries and entities that are a threat to global security, aiming to enhance counter-terrorism measures. || This definitely adds to the body of knowledge in this area. The authors aim to discover and improve solutions to these threats.

**Question 2:**

**A:** The methodology, primarily a literature review and historical analysis, seems appropriate for the paper's purpose. It involves analyzing the evolution, definitions, methods, and impacts of cyberterrorism, which is approached through a qualitative approach.

**B:** The authors have used qualitative analysis and a literature review to evaluate existing counter-terrorism efforts and to develop improved solutions. This certainly seems appropriate for the goal of improving on solutions.

**Question 3:**

**A:** The author gathered data through historical records, expert definitions, and case studies of appropriate cyberterrorism incidents. The analysis method, which categorizes and explains the evolution of cyberterrorism, its methods, and its impact on society, aligns well with the research objectives. This approach helps identify the scope of cyberterrorism and the required responses to it.

**B:** The authors have gathered data for analysis to identify and understand the evolution of terrorism and cyberterrorism. They use Mutual Legal Assistance Agreements (MLATs), which facilitate the gathering of evidence and information from abroad, appropriate for the aim to combat terrorism effectively. They gather information from government reports, academic research and case studies. Encouraging international cooperation fits perfectly to the aim of overcoming barriers in data collection and analysis, essential for preventing and combating terrorism.

**Question 4:**

**A:** The author supports her claims and conclusions with explicit evidence from historical incidents, expert opinions, and analyses of cyberterrorism's nature. References to specific cases, definitions by authorities in the field, and the evolution of cyberterrorism tactics provide a solid foundation for the paper's arguments.

**B:** The authors discuss examples of countries, such as Germany, (cooperating with the US to combat terrorism), and mentioning specific age groups and subcultures associated with cyberterrorism, providing a profile of potential terrorists to support their claims. They also reference the FBI's classification of outsider threats, which adds credibility to their discussion. Although they do not mention statistics, they refer to other works that discuss cyberterrorism.

**Question 5:**

**A:** Incorporating empirical research, such as case studies with quantitative data on the impact of specific incidents could strengthen the paper. A comparative analysis of cyberterrorism

countermeasures across different countries or sectors could offer valuable insights. Expanding on the roles of emerging technologies could provide a forward-looking perspective.

**B:** The paper could include more recent examples of terrorism and cyberterrorism, which would add to the discussion of the evolution of such phenomena. They could expand on the scope of the case studies shown, by including studies from different regions and contexts. They could cross-compare different counter-terrorism models to highlight best practices and areas for improvement. They could also discuss human rights and ethical considerations in counter-terrorism.

**NOTE: THERE SEEMS TO BE A GAP IN COMPARATIVE STUDY OF CYBERTERRORISM PREVENTIVE MEASURES.**