

## **Article 2 Reviews**

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The article “A taxonomy of cyber-harms: Defining the impacts of cyber-attacks and understanding how they propagate” relates to the principles of social sciences as the political science aspect. The article talks about how cyber-harms can affect everyone globally. “The authors of the report note that cyber-risk is a growing global threat due to the increase in cyber-incidents during the last years.” The research question for this article was “investigating how notions such as risk and impact relate to harm.” The research method they used was looking at different types of harm from different case studies that have been done and then looking at how it affected the organization and its employees. The analysis they came up with is that the most common type of harm they saw was ‘reputational damage,’ then it goes to ‘damaged relationships with the employees and customers’, and then when the attack is announced, ‘economic harms’ are triggered.

Concepts we have discussed in class relate to this article, such as showing the type of research they used, which is archival research since it was done all through the internet. I do not think this article is related to any marginalized groups. Still, it overall relates to society as it impacts businesses, and it points out how people should be more aware of cyber-harm for organizations and how it has one effect after another, and that it doesn’t just stop at one place.

The article “Developing metrics to assess the effectiveness of cybersecurity awareness program” relates to the principles of social sciences such as criminology, as this article focuses on making humans more aware of cybersecurity. It talks about how people being unaware of their behavior and actions can end up being responsible for cyber attacks, which is why this study focuses on educating people and developing metrics to see how cybersecurity awareness programs can benefit everyone. The study’s research question was “how to come up with appropriate metrics for evaluating a CSA program.” The research methods they used were intrusive and non-intrusive methods by doing questionnaire-based surveys and a simulated attack and seeing its response. They were using Google Scholar citations and Microsoft Academic to help get information. They then downloaded the papers, which ended up being 78 papers, and read them thoroughly. The analysis they ended up getting was that there was an improvement in cybersecurity behavior from participating in an awareness program, reachability of an awareness program, information that has reached the right audience, etc. Concepts in class that have been discussed in class relate to this article, such as human factors and how they have an effect on cyber security. This topic concerns people who are uneducated and are at risk of being cyber-attacked. It relates the same to society because the more people are educated, the fewer successful attacks we will be able to see.

### **.References**

<https://academic.oup.com/cybersecurity/article/4/1/tyy006/5133288?searchresult=1#127123026>

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